

附件 2:

石油和天然气行业扩展分类标准元素清单

石油和天然气行业扩展分类标准（以下简称石油行业扩展分类标准）中的元素是在通用分类标准的基础上，依据国家标准化管理委员会发布的可扩展商业报告语言（XBRL）技术规范系列国家标准，按照石油行业财务报告共性实务提取的适用于 XBRL 报告的财务报告基本概念。石油行业扩展分类标准元素清单按照石油行业财务报告共性实务和扩展链接角色组织，展示了石油行业扩展分类标准对财务报告各组成部分的建模方法。

一、概述

本版石油行业扩展分类标准中元素总数为 1087 个，其中扩展元素 446 个，直接引用通用分类标准元素 641 个。

石油行业扩展分类标准元素的名称按照计算机能够识别的规则以英文命名。为便于广大会计人员和公众理解，元素清单中以石油行业扩展分类标准元素（包括扩展元素和引用的通用分类标准元素）的中文列报标签为展示基础，将元素按照所归属的扩展链接角色和石油行业财务报告共性实务的顺序组织排列后形成列表，以更好地说明元素的含义和元素间的层次关系。

元素清单按照企业会计准则的列报要求，展示了石油行业扩展分类标准的元素层级以及其中的元素，同时包含了元素的类型信息（如文本、货币等）。

二、元素清单主要内容说明

元素清单按石油行业财务报告共性实务的顺序列示了所有元素，在每个财务报表部分中按扩展链接角色组织元素。元素清单主要包括两列内容：元素层级、元素类型。

第一列——元素层级

元素清单的第一列代表了石油行业扩展分类标准的元素层次结构：

1. 元素按照石油行业财务报告共性实务逐项列示。
2. 石油行业扩展分类标准将财务信息关系按照财务报表主表和附注分成若干扩展链接角色，每个扩展链接角色对应一个的财务报表、附注或附注中的一张表格。
3. 每个扩展链接角色下，列示归属于这个角色的所有元素，缩进的位置代表了元素的层级。

第二列——元素类型

元素清单的第二列主要列示了元素的数据类型，如货币型。为便于理解，元素清单根据石油行业扩展分类标准的实际使用情况，将其中一些数据类型转为较易理解的名称，如“stringItemType”转为“text（文本）”、

“escapedItemType”转为“text block（文本块）”；将一些虚元素的种类视同元素数据类型，以帮助理解石油行业扩展分类标准的建模方法。元素清单第二列的含义说明如下：

1. text block——文本块，其内部可包含表格；
2. text——文本，内部为纯文本；
3. yyyy-mm-dd——时点；
4. X——货币型；
5. X.XX ——数值型；
6. shares——股份数；
7. table——维度化的表格；
8. axis ——维度化表格的轴；
9. member——维度化表格轴上的成员；
10. line items——维度化表格的列报事项；
11. 空白代表没有需要披露的数据项类型信息。

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附录二：石油和天然气行业扩展分类标准元素清单（英文）

附录一：

石油和天然气行业扩展分类标准元素清单

(中文)

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元 素

元素类型

[130000] 主表 - 财务报表一般信息

公司简介 [abstract]	
公司名称	text
批准省市	text
批准日期	yyyy-mm-dd
批准文号	text
发起人	text
营业执照注册号	text
所属行业	text
财务报表的编制基础	text
遵循企业会计准则的声明	text

[233000] 主表 - 合并及公司资产负债表

合并及公司资产负债表 [abstract]	
合并及公司资产负债表 [table]	table
合并及公司 [axis]	axis
合并 [member]	member
公司 [member]	member
合并及公司资产负债表 [line items]	line items
资产 [abstract]	
流动资产 [abstract]	
货币资金	X
应收票据	X
应收账款	X
预付款项	X
其他应收款	X
存货	X
其他流动资产	X
流动资产合计	X
非流动资产 [abstract]	
可供出售金融资产	X
长期股权投资	X
固定资产	X
油气资产	X
在建工程	X
工程物资	X
无形资产	X

元 素	元素类型
商誉	X
长期待摊费用	X
递延所得税资产	X
其他非流动资产	X
非流动资产合计	X
资产总计	X
负债及股东权益 [abstract]	
流动负债 [abstract]	
短期借款	X
应付票据	X
应付账款	X
预收款项	X
应付职工薪酬	X
应交税费	X
其他应付款	X
一年内到期的非流动负债	X
其他流动负债	X
流动负债合计	X
非流动负债 [abstract]	
长期借款	X
应付债券	X
预计负债	X
递延所得税负债	X
其他非流动负债	X
非流动负债合计	X
负债合计	X
股东权益 [abstract]	
股本	X
资本公积	X
专项储备	X
盈余公积	X
未分配利润	X
外币报表折算差额	X
归属于母公司股东权益合计	X
少数股东权益	X
股东权益合计	X
负债及股东权益总计	X

元 素

元素类型

[333000] 主表 - 合并及公司利润表

合并及公司利润表 [abstract]	
合并及公司利润表 [table]	table
合并及公司 [axis]	axis
合并 [member]	member
公司 [member]	member
合并及公司利润表 [line items]	line items
营业收入	X
减：营业成本	X
营业税金及附加	X
销售费用	X
管理费用	X
财务费用	X
勘探费用（包括勘探干井）	X
资产减值损失	X
加：投资收益	X
公允价值变动收益	X
营业利润	X
加：营业外收入	X
减：营业外支出	X
利润总额	X
减：所得税费用	X
净利润	X
其中：同一控制下企业合并被合并方在合并前实现的净利润	X
归属于母公司股东	X
归属于少数股东	X
每股收益 [abstract]	
基本每股收益	shares
稀释每股收益	shares
其他综合收益	X
综合收益	X
归属于母公司股东	X
归属于少数股东	X

[433000] 主表 - 合并及公司现金流量表

合并及公司现金流量表 [abstract]	
合并及公司现金流量表 [table]	table

元 素	元素类型
合并及公司 [axis]	axis
合并 [member]	member
公司 [member]	member
合并及公司现金流量表 [line items]	line items
经营活动产生的现金流量 [abstract]	
销售商品、提供劳务收到的现金	X
收到的税费返还	X
收到其他与经营活动有关的现金	X
经营活动现金流入小计	X
购买商品、接受劳务支付的现金	X
支付给职工以及为职工支付的现金	X
支付的各项税费	X
支付其他与经营活动有关的现金	X
经营活动现金流出小计	X
经营活动产生的现金流量净额	X
投资活动产生的现金流量 [abstract]	
收回投资收到的现金	X
全资子公司注销为分公司	X
取得投资收益所收到的现金	X
处置固定资产、油气资产、无形资产和其他长期资产收回的现金净额	X
收到其他与投资活动有关的现金	X
投资活动现金流入小计	X
购建固定资产、油气资产、无形资产和其他长期资产支付的现金	X
投资支付的现金	X
支付其他与投资活动有关的现金	X
投资活动现金流出小计	X
投资活动产生的现金流量净额	X
筹资活动产生的现金流量 [abstract]	
吸收投资收到的现金	X
其中：子公司吸收少数股东投资收到的现金	X
取得借款收到的现金	X
收到其他与筹资活动有关的现金	X
筹资活动现金流入小计	X
偿还债务支付的现金	X
分配股利、利润或偿付利息支付的现金	X
其中：子公司支付给少数股东的股利、利润	X
资本减少	X
支付其他与筹资活动有关的现金	X

元 素	元素类型
筹资活动现金流出小计	X
筹资活动产生的现金流量净额	X
汇率变动对现金及现金等价物的影响	X
现金及现金等价物净（减少）/增加额	X
加：期初现金及现金等价物余额	X
期末现金及现金等价物余额	X

[533000] 主表 - 合并及公司股东权益变动表

合并及公司股东权益变动表 [abstract]	
合并及公司股东权益变动表 [table]	table
合并及公司 [axis]	axis
合并 [member]	member
公司 [member]	member
股东权益构成 [axis]	axis
股东权益 [member]	member
归属于母公司股东权益 [member]	member
股本 [member]	member
资本公积 [member]	member
专项储备 [member]	member
盈余公积 [member]	member
未分配利润 [member]	member
外币报表折算差额 [member]	member
少数股东权益 [member]	member
合并及公司股东权益变动表 [line items]	line items
年初余额	X
股东权益增减变动额 [abstract]	
净利润	X
其他综合收益	X
综合收益	X
专项储备-安全生产费 [abstract]	
本期提取	X
本期使用	X
利润分配 [abstract]	
提取盈余公积	X
对股东的分配	X
其他权益变动 [abstract]	
同一控制下企业合并支付的款项	X
收购子公司	X

元 素	元素类型
购买子公司少数股东权益	X
少数股东投入资本	X
子公司资本减少	X
处置子公司	X
其他	X
其他权益变动	X
年末余额	X
[830010] 附注 - 公司基本情况	
公司简介 [abstract]	
公司简介 [text block]	text block
公司简介（详细披露） [abstract]	
公司名称	text
批准文号	text
批准日期	yyyy-mm-dd
发起人	text
[830020] 附注 - 财务报表的编制基础	
编制基础 [abstract]	
编制基础 [text block]	text block
编制基础（详细披露） [abstract]	
财务报表的编制基础	text
[830030] 附注 - 遵循企业会计准则的声明	
遵循企业会计准则的声明 [abstract]	
遵循企业会计准则的声明 [text block]	text block
遵循企业会计准则的声明（详细披露） [abstract]	
遵循企业会计准则的声明	text
[830100] 附注 - 重要会计政策和会计估计	
重要会计政策和会计估计 [abstract]	
重要会计政策和会计估计 [text block]	text block
重要会计政策和会计估计（会计政策） [abstract]	
会计年度 [text block]	text block
记账本位币 [text block]	text block
计量属性 [text block]	text block
重要会计政策及会计估计，外币业务及外币报表折算 [text block]	text block
重要会计政策及会计估计，现金及现金等价物 [text block]	text block

元 素	元素类型
重要会计政策及会计估计, 金融工具 [text block]	text block
重要会计政策及会计估计, 存货 [text block]	text block
重要会计政策及会计估计, 长期股权投资 [text block]	text block
重要会计政策及会计估计, 固定资产 [text block]	text block
重要会计政策及会计估计, 油气资产 [text block]	text block
重要会计政策及会计估计, 在建工程 [text block]	text block
重要会计政策及会计估计, 无形资产 [text block]	text block
重要会计政策及会计估计, 研究与开发 [text block]	text block
重要会计政策及会计估计, 长期待摊费用 [text block]	text block
重要会计政策及会计估计, 长期资产减值 [text block]	text block
重要会计政策及会计估计, 借款费用 [text block]	text block
重要会计政策及会计估计, 职工薪酬 [text block]	text block
重要会计政策及会计估计, 预计负债及或有事项 [text block]	text block
重要会计政策及会计估计, 递延所得税资产和递延所得税负债 [text block]	text block
重要会计政策及会计估计, 收入确认 [text block]	text block
重要会计政策及会计估计, 租赁 [text block]	text block
重要会计政策及会计估计, 股利分配 [text block]	text block
重要会计政策及会计估计, 企业合并 [text block]	text block
重要会计政策及会计估计, 合并财务报表的编制方法 [text block]	text block
重要会计政策及会计估计, 分部报告 [text block]	text block
重要会计政策及会计估计, 重要会计估计和判断 [text block]	text block
重要会计政策及会计估计, 政府补助 [text block]	text block
重要会计政策及会计估计, 商誉 [text block]	text block
重要会计政策及会计估计, 关联方 [text block]	text block

[818200] 附注 - 税费

税费 [abstract]	
税费 [text block]	text block
税费（详细披露） [abstract]	
税费需要说明的事项	text

[833600] 附注 - 企业合并

企业合并 [abstract]	
企业合并 [text block]	text block
企业合并（详细披露） [abstract]	
主要子公司情况 [abstract]	
主要子公司情况 [table]	table
主要子公司 [axis]	axis

元 素	元素类型
主要子公司 [member]	member
主要子公司情况 [line items]	line items
子公司类型	text
取得方式	text
注册地	text
注册资本	X
业务性质及经营范围	text
企业类型	text
法人代表	text
年末实际出资额	X
持股比例	X.XX
表决权比例	X.XX
是否合并报表单位	text
境外经营实体主要报表项目折算汇率 [abstract]	
境外经营实体主要报表项目折算汇率 [table]	table
境外经营实体公司名称 [axis]	axis
境外经营实体公司名称 [member]	member
境外经营实体主要报表项目折算汇率 [line items]	line items
境外经营实体主要报表项目折算汇率资产负债表项目	X.XX
境外经营实体主要报表项目折算汇率收入费用及现金项目	text
企业合并其他需要说明的事项 [text block]	text block

[837200] 附注 - 货币资金

货币资金 [abstract]	
货币资金 [text block]	text block
货币资金（详细披露） [abstract]	
库存现金	X
银行存款	X
其他货币资金	X
货币资金合计	X
货币资金外币金额 [abstract]	
货币资金外币金额 [table]	table
货币种类 [axis]	axis
外币名称 [member]	member
货币资金外币金额 [line items]	line items
外币金额	X
汇率	X.XX
折合人民币	X

元 素

元素类型

货币资金其他需要说明的事项

text

[837220] 附注 - 应收票据

应收票据 [abstract]

 应收票据 [text block]

text block

 应收票据（详细披露） [abstract]

 应收票据性质的说明

text

 应收票据到期时间的说明

text

 应收票据其他需要说明的事项

text

[837600] 附注 - 应收账款及其他应收款

应收账款及其他应收款 [abstract]

 应收账款及其他应收款 [text block]

text block

 应收账款及其他应收款（详细披露） [abstract]

 应收账款 [abstract]

 应收账款披露 [abstract]

 应收账款披露 [table]

table

 合并及公司 [axis]

axis

 合并 [member]

member

 公司 [member]

member

 应收账款披露 [line items]

line items

 应收账款账面余额

X

 坏账准备

X

 应收账款账面价值

X

 应收账款按账龄结构披露 [abstract]

 应收账款按账龄结构披露 [table]

table

 合并及公司 [axis]

axis

 合并 [member]

member

 公司 [member]

member

 应收账款账龄结构 [axis]

axis

 应收账款按账龄结构 [member]

member

 一年以内 [member]

member

 一至二年 [member]

member

 二至三年 [member]

member

 三年以上 [member]

member

 应收账款按账龄结构披露 [line items]

line items

 金额

X

 比例

X.XX

元 素	元素类型
坏账准备	X
应收账款其他需要说明的事项	text
其他应收款 [abstract]	
其他应收款披露 [abstract]	
其他应收款披露 [table]	table
合并及公司 [axis]	axis
合并 [member]	member
公司 [member]	member
其他应收款披露 [line items]	line items
其它应收款账面余额	X
坏账准备	X
其他应收款净值	X
其他应收款按账龄结构披露 [abstract]	
其他应收款按账龄结构披露 [table]	table
合并及公司 [axis]	axis
合并 [member]	member
公司 [member]	member
其他应收款按账龄结构披露 [axis]	axis
其他应收款按账龄结构的类别 [member]	member
一年以内 [member]	member
一至二年 [member]	member
二至三年 [member]	member
三年以上 [member]	member
其他应收款按账龄结构披露 [line items]	line items
金额	X
比例	X.XX
坏账准备	X
其他应收款其他需要说明的事项	text

[837240] 附注 - 预付款项

预付款项 [abstract]	
预付账款 [text block]	text block
预付款项（详细披露） [abstract]	
预付款项账面余额	X
预付款项坏账准备	X
预付款项净值	X
预付账款其他需要说明的事项	text

元 素

元素类型

[801110] 附注 - 存货

存货 [abstract]	
存货 [text block]	text block
存货（详细披露） [abstract]	
原油及其他原材料	X
在产品	X
产成品	X
周转材料	X
存货余额	X
存货跌价准备	X
净值	X
存货其他需要说明的事项 [text block]	text block

[837280] 附注 - 可供出售金融资产

可供出售金融资产 [abstract]	
可供出售金融资产 [text block]	text block
可供出售金融资产（详细披露） [abstract]	
可供出售债券	X
可供出售权益工具	X
其他	X
减：减值准备	X
可供出售金融资产净值	X

[802100] 附注 - 长期股权投资

长期股权投资 [abstract]	
长期股权投资 [text block]	text block
长期股权投资（详细披露） [abstract]	
长期股权投资分类 [abstract]	
长期股权投资分类 [table]	table
合并及公司 [axis]	axis
合并 [member]	member
公司 [member]	member
长期股权投资分类 [line items]	line items
对联营企业和合营企业投资年初余额	X
对子公司投资年初余额	X
长期股权投资减值准备年初余额	X
长期股权投资年初余额	X

元 素	元素类型
对联营企业和合营企业投资本期增加	X
对子公司投资本期增加	X
对联营企业和合营企业投资本期减少	X
对子公司投资本期减少	X
对联营企业和合营企业投资期末余额	X
对子公司投资期末余额	X
长期股权投资减值准备期末余额	X
长期股权投资期末余额	X
被投资单位转移资金的能力受到限制和经营受到限制的说明	text
联营企业和合营企业 [abstract]	
主要联营企业和合营企业信息 [abstract]	
主要联营企业和合营企业信息 [table]	table
被投资单位 [axis]	axis
被投资单位 [member]	member
主要联营企业和合营企业 [member]	member
主要联营企业和合营企业信息 [line items]	line items
注册地	text
业务性质	text
注册资本	X
持股比例	X.XX
表决权比例	X.XX
资产总额	X
负债总额	X
净资产总额	X
营业收入	X
净利润	X
对主要联营企业和合营企业投资 [abstract]	
对主要联营企业和合营企业投资 [table]	table
被投资单位 [axis]	axis
被投资单位 [member]	member
主要联营企业和合营企业 [member]	member
对主要联营企业和合营企业投资 [line items]	line items
投资成本	X
对联营企业和合营企业投资年初余额	X
本期增加	X
本期减少	X
按权益法调整的净损益	X
宣告分派的现金股利	X

元 素	元素类型
外币报表折算差额	X
联营公司转为子公司	X
对联营企业和合营企业投资期末余额	X
对子公司投资 [abstract]	
对子公司投资 [table]	table
合并及公司 [axis]	axis
合并 [member]	member
公司 [member]	member
子公司名称 [axis]	axis
子公司名称 [member]	member
其他 [member]	member
对子公司投资 [line items]	line items
投资成本	X
对子公司投资年初余额	X
追加投资	X
本期处置及减资	X
转为分公司	X
对子公司投资期末余额	X
长期股权投资其他需要说明的事项	text

[804100] 附注 - 固定资产

固定资产 [abstract]	
固定资产 [text block]	text block
固定资产（详细披露） [abstract]	
固定资产增减变动 [abstract]	
固定资产增减变动 [table]	table
固定资产类别 [axis]	axis
固定资产 [member]	member
房屋及建筑物 [member]	member
机器设备 [member]	member
运输工具 [member]	member
其他固定资产 [member]	member
固定资产增减变动 [line items]	line items
固定资产原值 [abstract]	
固定资产原值年初余额	X
固定资产原值，本期增加	X
固定资产原值，本期减少	X
固定资产原值期末余额	X

元 素	元素类型
固定资产累计折旧 [abstract]	
固定资产累计折旧年初余额	X
固定资产累计折旧, 本期增加	X
固定资产累计折旧, 本期减少	X
固定资产累计折旧期末余额	X
固定资产账面净值 [abstract]	
固定资产年初账面净值	X
固定资产期末账面净值	X
固定资产减值准备 [abstract]	
固定资产减值准备年初余额	X
固定资产减值准备, 本期增加	X
固定资产减值准备, 本期减少	X
固定资产减值准备期末余额	X
固定资产账面价值 [abstract]	
固定资产年初账面价值	X
固定资产期末账面价值	X
本年固定资产计提折旧金额	X
由在建工程转入固定资产的原值	X
经营租出的固定资产	X
固定资产其他需要说明的事项	text

[827100] 附注 - 油气资产

油气资产 [abstract]	
油气资产 [text block]	text block
油气资产 (详细披露) [abstract]	
油气资产的增减变动 [abstract]	
油气资产的增减变动 [table]	table
油气资产类别 [axis]	axis
油气资产 [member]	member
探明矿区权益 [member]	member
未探明矿区权益 [member]	member
井及相关设施 [member]	member
油气资产的增减变动 [line items]	line items
油气资产原值 [abstract]	
油气资产原值年初余额	X
油气资产原值, 本期增加	X
油气资产原值, 本期减少	X
油气资产原值期末余额	X

元 素	元素类型
油气资产累计折耗 [abstract]	
油气资产累计折耗年初余额	X
油气资产累计折耗, 本期增加	X
油气资产累计折耗, 本期减少	X
油气资产累计折耗期末余额	X
油气资产账面净值 [abstract]	
油气资产年初账面净值	X
油气资产期末账面净值	X
油气资产减值准备 [abstract]	
油气资产减值准备年初余额	X
油气资产减值准备, 本期增加	X
油气资产减值准备, 本期减少	X
油气资产减值准备期末余额	X
油气资产账面价值 [abstract]	
油气资产年初账面价值	X
油气资产期末账面价值	X
油气资产其他需要说明的事项	text

[830240] 附注 - 工程物资

工程物资 [abstract]	
工程物资 [text block]	text block
工程物资 (详细披露) [abstract]	
工程物资的说明 [text block]	text block

[830230] 附注 - 在建工程

在建工程 [abstract]	
在建工程 [text block]	text block
在建工程 (详细披露) [abstract]	
在建工程披露 [abstract]	
在建工程披露 [table]	table
工程名称 [axis]	axis
在建工程 [member]	member
其他在建工程 [member]	member
在建工程披露 [line items]	line items
工程预算数	X
在建工程年初账面余额	X
在建工程减值准备年初余额	X
在建工程年初账面价值	X

元 素	元素类型
在建工程本期增加	X
本期转入固定资产及油气资产	X
干井核销	X
其他减少	X
在建工程期末账面余额	X
在建工程减值准备期末余额	X
在建工程期末账面价值	X
工程投入占预算比例%	X.XX
在建工程借款费用资本化金额	X
在建工程本年借款费用资本化金额	X
在建工程资金来源	text
在建工程本年借款费用资本化金额	X
确定资本化金额的资本化率范围	text
在建工程其他需要说明的事项	text

[806100] 附注 - 无形资产

无形资产 [abstract]

无形资产 [text block]

text block

无形资产（详细披露） [abstract]

无形资产信息披露 [abstract]

无形资产信息披露 [table]

table

无形资产分类 [axis]

axis

无形资产 [member]

member

土地使用权 [member]

member

专利权 [member]

member

其他无形资产 [member]

member

无形资产信息披露 [line items]

line items

无形资产原值 [abstract]

无形资产原值年初余额

X

无形资产原值，本期增加

X

无形资产原值，本期减少

X

无形资产原值期末余额

X

无形资产累计摊销 [abstract]

无形资产累计摊销年初余额

X

无形资产累计摊销，本期增加

X

无形资产累计摊销，本期减少

X

无形资产累计摊销期末余额

X

无形资产账面净值 [abstract]

元 素	元素类型
无形资产年初账面净值	X
无形资产期末账面净值	X
无形资产减值准备 [abstract]	
无形资产减值准备年初余额	X
无形资产减值准备，本期增加	X
无形资产减值准备，本期减少	X
无形资产减值准备期末余额	X
无形资产账面价值 [abstract]	
无形资产年初账面价值	X
无形资产期末账面价值	X
无形资产本年摊销额	X
无形资产本期研究支出额	X
无形资产其他需要说明的事项	text
[830250] 附注 - 商誉	
商誉 [abstract]	
商誉 [text block]	text block
商誉（详细披露） [abstract]	
商誉的解释	text
商誉其他需要说明的事项	text
[830260] 附注 - 长期待摊费用	
长期待摊费用 [abstract]	
长期待摊费用 [text block]	text block
长期待摊费用（详细披露） [abstract]	
长期待摊费用增减变动 [abstract]	
长期待摊费用增减变动 [table]	table
长期待摊费用按项目披露 [axis]	axis
长期待摊费用项目 [member]	member
预付经营租赁款 [member]	member
其他长期待摊费用 [member]	member
长期待摊费用增减变动 [line items]	line items
长期待摊费用年初账面余额	X
长期待摊费用本期增加额	X
长期待摊费用本期减少额	X
长期待摊费用期末账面余额	X
本年度长期待摊费用的摊销金额	X
长期待摊费用其他需要说明的事项 [text block]	text block

元 素

元素类型

[808110] 附注 - 资产减值准备

资产减值准备 [abstract]

资产减值准备 [text block]

text block

资产减值准备（详细披露） [abstract]

坏账准备年初余额	X
应收账款坏账准备年初余额	X
其他应收款坏账准备年初余额	X
预付账款坏账准备年初余额	X
存货跌价准备年初余额	X
可供出售金融资产减值准备年初余额	X
长期股权投资减值准备年初余额	X
固定资产减值准备年初余额	X
油气资产减值准备年初余额	X
在建工程减值准备年初余额	X
无形资产减值准备年初余额	X
其他资产减值准备年初余额	X
资产减值准备年初余额	X
坏账准备，本期增加	X
应收账款坏账准备，本期增加	X
其他应收款坏账准备，本期增加	X
预付账款坏账准备，本期增加	X
存货跌价准备，本期增加	X
可供出售金融资产减值准备，本期增加	X
长期股权投资减值准备，本期增加	X
固定资产减值准备，本期增加	X
油气资产减值准备，本期增加	X
在建工程减值准备，本期增加	X
无形资产减值准备，本期增加	X
其他，本期增加	X
资产减值准备，本期增加合计	X
坏账准备，本期减少，转回	X
应收账款坏账准备，本期减少，转回	X
其他应收款坏账准备，本期减少，转回	X
预付账款坏账准备，本期减少，转回	X
存货跌价准备，本期减少，转回	X
可供出售金融资产减值准备，本期减少，转回	X
长期股权投资减值准备，本期减少，转回	X

元 素	元素类型
固定资产减值准备, 本期减少, 转回	X
油气资产减值准备, 本期减少, 转回	X
在建工程减值准备, 本期减少, 转回	X
无形资产减值准备, 本期减少, 转回	X
其他, 本期减少, 转回	X
资产减值准备, 本期减少, 转回合计	X
坏账准备, 本期减少, 转销	X
应收账款坏账准备, 本期减少, 转销	X
其他应收款坏账准备, 本期减少, 转销	X
预付账款坏账准备, 本期减少, 转销	X
存货跌价准备, 本期减少, 转销	X
可供出售金融资产减值准备, 本期减少, 转销	X
长期股权投资减值准备, 本期减少, 转销	X
固定资产减值准备, 本期减少, 转销	X
油气资产减值准备, 本期减少, 转销	X
在建工程减值准备, 本期减少, 转销	X
无形资产减值准备, 本期减少, 转销	X
其他, 本期减少, 转销	X
资产减值准备, 本期减少, 转销合计	X
坏账准备期末余额	X
应收账款坏账准备期末余额	X
其他应收款坏账准备期末余额	X
预付账款坏账准备期末余额	X
存货跌价准备期末余额	X
可供出售金融资产减值准备期末余额	X
长期股权投资减值准备期末余额	X
固定资产减值准备期末余额	X
油气资产减值准备期末余额	X
在建工程减值准备期末余额	X
无形资产减值准备期末余额	X
其他资产减值准备期末余额	X
资产减值准备期末余额	X

[837390] 附注 - 短期借款

短期借款 [abstract]

短期借款 [text block]

text block

短期借款 (详细披露) [abstract]

短期借款信息披露 [abstract]

元 素	元素类型
短期借款 [table]	table
短期借款类别 [axis]	axis
短期借款类别 [member]	member
短期信用借款 [member]	member
短期质押借款 [member]	member
短期抵押借款 [member]	member
短期保证借款 [member]	member
短期借款 [line items]	line items
短期借款原币金额	X
短期借款折算汇率	X.XX
短期借款人民币金额	X
短期借款其他需要说明的事项	text
[837320] 附注 - 应付票据	
应付票据 [abstract]	
应付票据 [text block]	text block
应付票据（详细披露） [abstract]	
应付票据需要说明的事项	text
[837400] 附注 - 应付账款	
应付账款 [abstract]	
应付账款 [text block]	text block
应付账款（详细披露） [abstract]	
应付持有本公司百分之五（含百分之五）以上表决权股份的股东的款项	X
账龄超过一年的应付账款	X
应付账款其他需要说明的事项 [text block]	text block
[837410] 附注 - 预收账款	
预收账款 [abstract]	
预收账款 [text block]	text block
预收账款（详细披露） [abstract]	
预收持有本公司百分之五（含百分之五）以上表决权股份的股东的款项	X
预收账款其他需要说明的事项	text
[809100] 附注 - 应付职工薪酬	
应付职工薪酬 [abstract]	
应付职工薪酬 [text block]	text block
应付职工薪酬（详细披露） [abstract]	

元 素	元素类型
应付职工薪酬信息披露 [abstract]	
应付职工薪酬信息披露 [table]	table
应付职工薪酬 [axis]	axis
应付职工薪酬 [member]	member
工资、薪金及津贴 [member]	member
职工福利费 [member]	member
社会保险费 [member]	member
医疗保险费 [member]	member
基本养老保险 [member]	member
失业保险费 [member]	member
工伤保险费 [member]	member
生育保险费 [member]	member
住房公积金 [member]	member
工会经费和职工教育经费 [member]	member
其他 [member]	member
应付职工薪酬信息披露 [line items]	line items
应付职工薪酬年初余额	X
应付职工薪酬本期增加额	X
应付职工薪酬本期减少额	X
应付职工薪酬期末余额	X
应付职工薪酬其他需要说明的事项	text

[830290] 附注 - 应交税费

应交税费 [abstract]	
应交税费 [text block]	text block
应交税费（详细披露） [abstract]	
应交企业所得税	X
应交消费税	X
应交石油特别收益金	X
应交增值税	X
应交矿产资源补偿税	X
其他	X
应交税费合计	X

[837440] 附注 - 其他应付款

其他应付款 [abstract]	
其他应付款 [text block]	text block
其他应付款（详细披露） [abstract]	

元 素

元素类型

对持有本公司百分之五（含百分之五）以上表决权股份的股东的其他应付款
其他应付款其他需要说明的事项 [text block]

X
text block

[813200] 附注 - 预计负债

预计负债 [abstract]

预计负债 [text block]

text block

预计负债（详细披露） [abstract]

预计负债信息披露 [abstract]

预计负债信息披露 [table]

table

预期负债项目 [axis]

axis

预计负债 [member]

member

资产弃置义务 [member]

member

预计负债信息披露 [line items]

line items

预计负债年初账面余额

X

预计负债本期增加额

X

预计负债本期减少额

X

预计负债期末账面余额

X

[837450] 附注 - 一年内到期的非流动负债

一年内到期的非流动负债 [abstract]

一年内到期的非流动负债 [text block]

text block

一年内到期的非流动负债（详细披露） [abstract]

一年内到期的非流动负债披露 [abstract]

一年内到期的长期借款

X

一年内到期的应付债券

X

一年内到期的非流动负债合计

X

一年内到期的长期借款 [abstract]

一年内到期的长期借款 [table]

table

长期借款项目 [axis]

axis

长期借款项目 [member]

member

长期信用借款 [member]

member

长期质押借款 [member]

member

长期抵押借款 [member]

member

长期保证借款 [member]

member

一年内到期的长期借款 [line items]

line items

一年内到期的长期借款的账面原币金额

X

一年内到期的长期借款的折算汇率

X.XX

一年内到期的长期借款人民币金额

X

元 素	元素类型
金额前五名的一年内到期的长期借款 [abstract]	
金额前五名的一年内到期的长期借款 [table]	table
借款按金额分类 [axis]	axis
借款 [member]	member
金额前五名 [member]	member
金额第一名 [member]	member
金额第二名 [member]	member
金额第三名 [member]	member
金额第四名 [member]	member
金额第五名 [member]	member
金额前五名的一年内到期的长期借款 [line items]	line items
一年内到期的长期借款借款方	text
一年内到期的长期借款起始日	yyyy-mm-dd
一年内到期的长期借款终止日	yyyy-mm-dd
一年内到期的长期借款币种	text
一年内到期的长期借款利率	text
一年内到期的长期借款外币金额	X
一年内到期的长期借款人民币金额	X
一年内到期的非流动负债其他需要说明的事项	text

[830300] 附注 - 其他流动负债

其他流动负债 [abstract]	
其他流动负债 [text block]	text block
其他流动负债（详细披露） [abstract]	
其他流动负债合计	X

[837470] 附注 - 长期借款

长期借款 [abstract]	
长期借款 [text block]	text block
长期借款（详细披露） [abstract]	
长期借款信息披露 [abstract]	
长期借款 [table]	table
长期借款种类 [axis]	axis
长期借款种类 [member]	member
长期信用借款 [member]	member
长期质押借款 [member]	member
长期抵押借款 [member]	member
长期保证借款 [member]	member

元 素	元素类型
长期借款 [line items]	line items
长期借款原币金额	X
长期借款折算汇率	X.XX
长期借款人民币金额	X
长期借款到期日分析 [abstract]	
长期借款到期日分析一至二年	X
长期借款到期日分析二至五年	X
长期借款到期日分析五年以上	X
长期借款账面金额合计	X
金额前五名的长期借款 [abstract]	
金额前五名的长期借款 [table]	table
借款按金额分类 [axis]	axis
借款 [member]	member
金额前五名 [member]	member
金额第一名 [member]	member
金额第二名 [member]	member
金额第三名 [member]	member
金额第四名 [member]	member
金额第五名 [member]	member
金额前五名的长期借款 [line items]	line items
长期借款借款方	text
长期借款借款起始日	yyyy-mm-dd
长期借款借款终止日	yyyy-mm-dd
长期借款币种	text
长期借款利率	text
长期借款外币金额	X
长期借款人民币金额	X
长期借款其他需要说明的事项	text

[837490] 附注 - 应付债券

应付债券 [abstract]	
应付债券 [text block]	text block
应付债券（详细披露） [abstract]	
应付债券的增减变动 [abstract]	
应付债券的增减变动 [table]	table
应付债券名称 [axis]	axis
应付债券 [member]	member
应付债券的增减变动 [line items]	line items

元 素

元素类型

应付债券发行日	yyyy-mm-dd
应付债券期限	text
应付债券面值	X
应付债券利率	X.XX
应付债券年初账面余额	X
应付债券本期增加额	X
应付债券本期减少额	X
应付债券期末账面余额	X
应付债券其他需要说明的事项	text

[818100] 附注 - 递延所得税资产和负债

递延所得税资产和负债 [abstract]	
递延所得税资产和负债 [text block]	text block
递延所得税资产和负债（详细披露） [abstract]	
递延所得税资产和递延所得税负债的披露 [abstract]	
递延所得税资产和递延所得税负债的披露 [table]	table
递延所得税资产和递延所得税负债 [axis]	axis
递延所得税资产和递延所得税负债 [member]	member
未经抵消的递延所得税资产 [member]	member
资产减值准备产生的递延所得税资产 [member]	member
工资及福利产生的递延所得税资产 [member]	member
可结转以后年度的亏损产生的递延所得税资产 [member]	member
其他递延所得税资产 [member]	member
未经抵消的递延所得税负债 [member]	member
资产折旧折耗产生的递延所得税负债 [member]	member
其他递延所得税负债 [member]	member
递延所得税资产和递延所得税负债的披露 [line items]	line items
递延所得税账面余额	X
应纳税（或可抵扣）暂时性差异	X
抵销后的递延所得税资产和负债净额 [abstract]	
抵消后递延所得税资产	X
抵消后递延所得税负债	X
递延所得税资产和递延所得税负债其他需要说明的事项	text

[830320] 附注 - 股本

股本 [abstract]	
股本 [text block]	text block
股本（详细披露） [abstract]	

元 素

元素类型

股本

X

本期公司实收资本或股本其他需要说明的事项 [text block]

text block

[830330] 附注 - 资本公积

资本公积 [abstract]

资本公积 [text block]

text block

资本公积（详细披露） [abstract]

资本公积信息披露 [abstract]

资本公积信息披露 [table]

table

资本公积项目 [axis]

axis

资本公积项目 [member]

member

股本溢价 [member]

member

其他资本公积 [member]

member

原制度资本公积转入 [member]

member

可供出售金融资产公允价值变动 [member]

member

同一控制下企业合并 [member]

member

其他 [member]

member

资本公积信息披露 [line items]

line items

资本公积年初账面余额

X

资本公积本期增加额

X

资本公积本期减少额

X

资本公积期末账面余额

X

[830350] 附注 - 盈余公积

盈余公积 [abstract]

盈余公积 [text block]

text block

盈余公积（详细披露） [abstract]

盈余公积增减变动 [abstract]

盈余公积增减变动 [table]

table

盈余公积类别 [axis]

axis

盈余公积类别 [member]

member

法定盈余公积 [member]

member

任意盈余公积 [member]

member

盈余公积增减变动 [line items]

line items

盈余公积年初账面余额

X

盈余公积本期增加额

X

盈余公积本期减少额

X

盈余公积期末账面余额

X

元 素	元素类型
提取法定盈余公积描述	text
提取任意盈余公积描述	text
[830370] 附注 - 未分配利润	
未分配利润 [abstract]	
未分配利润 [text block]	text block
未分配利润（详细披露） [abstract]	
未分配利润变动 [abstract]	
未分配利润变动 [table]	table
股东权益构成 [axis]	axis
股东权益 [member]	member
未分配利润 [member]	member
未分配利润变动项目 [line items]	line items
年初余额	X
本期归属于母公司股东的净利润	X
专项储备-安全生产费	X
其他	X
提取法定盈余公积	X
应付普通股股利	X
年末余额	X
与本期利润分配相关的事项	text
[830380] 附注 - 少数股东权益	
少数股东权益 [abstract]	
少数股东权益 [text block]	text block
少数股东权益（详细披露） [abstract]	
归属于各子公司少数股东权益 [abstract]	
归属于各子公司少数股东权益 [table]	table
子公司名称 [axis]	axis
子公司名称 [member]	member
其他子公司 [member]	member
归属于各子公司少数股东权益 [Line items]	line items
少数股东权益	X
[830770] 附注 - 营业收入和营业成本	
营业收入和营业成本 [abstract]	
营业收入和营业成本 [text block]	text block
营业收入和营业成本（详细披露） [abstract]	

元 素	元素类型
营业收入信息披露 [abstract]	
营业收入信息披露 [table]	table
合并及公司 [axis]	axis
合并 [member]	member
公司 [member]	member
营业收入信息披露 [line items]	line items
主营业务收入	X
其他业务收入	X
营业收入合计	X
营业成本信息披露 [abstract]	
营业成本信息披露 [table]	table
合并及公司 [axis]	axis
合并 [member]	member
公司 [member]	member
营业成本信息披露 [line items]	line items
主营业务成本	X
其他业务成本	X
营业成本合计	X
本集团前五名客户销售收入总额	X
本集团前五名客户销售收入总额占本集团全部销售收入百分比	X.XX
本公司前五名客户销售收入总额	X
本公司前五名客户销售收入总额占本公司全部销售收入百分比	X.XX
主营业务收入和主营业务成本 [abstract]	
主营业务收入和主营业务成本 [table]	table
合并及公司 [axis]	axis
合并 [member]	member
公司 [member]	member
板块类型 [axis]	axis
板块类型 [member]	member
主营业务收入和主营业务成本 [line items]	line items
主营业务收入	X
主营业务成本	X
其他业务收入和其他业务成本 [abstract]	
其他业务收入和其他业务成本 [table]	table
合并及公司 [axis]	axis
合并 [member]	member
公司 [member]	member
其他业务类型 [axis]	axis

元 素	元素类型
其他业务类型 [member]	member
其他业务收入和其他业务成本 [line items]	line items
其他业务收入	X
其他业务成本	X
[830390] 附注 - 营业税金及附加	
营业税金及附加 [abstract]	
营业税金及附加 [text block]	text block
营业税金及附加（详细披露） [abstract]	
营业税	X
城市维护建设税	X
教育费附加	X
消费税	X
资源税	X
石油特别收益金	X
产品税	X
其他	X
合计	X
[830470] 附注 - 销售费用	
销售费用 [abstract]	
销售费用 [text block]	text block
销售费用（详细披露） [abstract]	
职工薪酬	X
折旧、折耗及摊销	X
运输费	X
其他	X
合计	X
[830480] 附注 - 管理费用	
管理费用 [abstract]	
管理费用 [text block]	text block
管理费用（详细披露） [abstract]	
职工薪酬	X
折旧、折耗及摊销	X
修理费	X
安全生产费用	X
其他税费	X

	元 素	元素类型
其他		X
合计		X
[830490] 附注 - 财务费用		
财务费用 [abstract]		
财务费用 [text block]		text block
财务费用（详细披露） [abstract]		
利息支出		X
其中：油气资产弃置义务因时间推移产生的利息支出		X
减：利息收入		X
汇兑损失		X
减：汇兑收益		X
其他		X
合计		X
[808120] 附注 - 资产减值损失		
资产减值损失 [abstract]		
资产减值损失 [text block]		text block
资产减值损失（详细披露） [abstract]		
坏账损失		X
存货跌价损失		X
可供出售金融资产减值损失		X
固定资产减值损失发生额		X
油气资产减值损失发生额		X
无形资产减值损失		X
在建工程减值损失		X
长期股权投资减值损失		X
其他		X
合计		X
[830420] 附注 - 投资收益		
投资收益 [abstract]		
投资收益 [text block]		text block
投资收益（详细披露） [abstract]		
投资收益明细情况 [abstract]		
投资收益明细情况 [table]		table
合并及公司 [axis]		axis
合并 [member]		member

元 素	元素类型
公司 [member]	member
投资收益明细情况 [line items]	line items
成本法核算的长期股权投资收益	X
权益法核算的长期股权投资收益	X
处置长期股权投资产生的投资收益	X
持有交易性金融资产期间取得的投资收益	X
持有至到期投资取得的投资收益期间取得的投资收益	X
持有可供出售金融资产期间取得的投资收益	X
处置交易性金融资产收益	X
处置持有至到期投资收益	X
处置可供出售金融资产净收益	X
其他	X
合计	X
投资收益其他需要说明的事项	text

[830790] 附注 - 营业外收入

营业外收入 [abstract]	
营业外收入信息披露 [text block]	text block
营业外收入（详细披露） [abstract]	
处置固定资产及油气资产收益	X
政府补助	X
其他	X
合计	X
处置固定资产及油气资产收益计入本年度非经常性损益	X
政府补助计入本年度非经常性损益	X
其他营业外收入计入本年度非经常性损益	X
营业外收入计入本年度非经常性损益合计	X

[830430] 附注 - 营业外支出

营业外支出 [abstract]	
营业外支出信息披露 [text block]	text block
营业外支出（详细披露） [abstract]	
处置固定资产及油气资产损失	X
罚款支出	X
捐赠支出	X
非常损失	X
其他	X
营业外支出合计	X

元 素	元素类型
处置固定资产及油气资产损失计入本年度非经常性损益	X
罚款支出计入本年度非经常性损益	X
捐赠支出计入本年度非经常性损益	X
非常损失计入本年度非经常性损益	X
其他计入本年度非经常性损益	X
营业外支出计入本年度非经常性损益	X

[818300] 附注 - 所得税费用

所得税费用 [abstract]

所得税费用 [text block] text block

所得税费用（详细披露） [abstract]

当期所得税费用发生额 X

递延所得税费用发生额 X

所得税费用合计 X

所得税费用与会计利润的关系 [abstract]

利润总额 X

按适用所得税税率计算的所得税费用 X

以前年度税收清算调整 X

优惠税率的影响 X

非应纳税收入的税务影响 X

不得税前扣除的成本、费用和损失的税务影响 X

所得税费用合计 X

所得税费用其他需要说明的事项 text

[834600] 附注 - 每股收益

每股收益 [abstract]

每股收益 [text block] text block

每股收益（详细披露） [abstract]

基本每股收益分子的描述 text

基本每股收益分母的描述 text

稀释每股收益分子的描述 text

稀释每股收益分母的描述 text

列报期间不具有稀释性但以后期间很可能具有稀释性的潜在普通股 text

在资产负债表日至财务报告批准报出日之间或企业发行在外普通股或潜在普通股股数发生重大变化的情况 text

其他每股收益的说明 [text block] text block

元 素

元素类型

[830450] 附注 - 其他综合收益

其他综合收益 [abstract]	
其他综合收益 [text block]	text block
其他综合收益（详细披露） [abstract]	
可供出售金融资产公允价值变动的影	X
减：可供出售金融资产产生的所得税影	X
小计	X
现金流量套期	X
应占联营公司的其他综合收益	X
外币报表折算差额	X
其他综合收益合计	X

[831600] 附注 - 现金流量表附注

现金流量表附注 [abstract]	
现金流量表附注 [text block]	text block
现金流量表附注（详细披露） [abstract]	
将净利润调节为经营活动现金流量 [abstract]	
将净利润调节为经营活动现金流量 [table]	table
合并及公司 [axis]	axis
合并 [member]	member
公司 [member]	member
将净利润调节为经营活动现金流量 [line items]	line items
净利润	X
加：资产减值损失	X
固定资产折旧、油气资产折耗	X
无形资产摊销	X
长期待摊费用摊销	X
干井核销	X
处置固定资产、油气资产、无形资产和其他长期资产的损失	X
公允价值变动损益	X
财务费用	X
投资收益	X
递延所得税（减少）/增加	X
存货的增加	X
经营性应收项目的（增加）/减少	X
经营性应付项目的增加	X
其他	X

元 素	元素类型
经营活动产生的现金流量净额	X
现金及现金等价物净变动情况 [abstract]	
现金及现金等价物净变动情况 [table]	table
合并及公司 [axis]	axis
合并 [member]	member
公司 [member]	member
现金及现金等价物净变动情况 [line items]	line items
现金的期末余额	X
减：现金的期初余额	X
加：现金等价物的期末余额	X
减：现金等价物的期初余额	X
现金及现金等价物净（减少）/增加额	X
现金及现金等价物 [abstract]	
现金及现金等价物 [table]	table
合并及公司 [axis]	axis
合并 [member]	member
公司 [member]	member
现金及现金等价物 [line items]	line items
现金	X
现金等价物	X
期末现金及现金等价物余额	X

[835600] 附注 - 分部报告

分部报告 [abstract]	
分部报告 [text block]	text block
板块信息（详细披露） [abstract]	
一般性信息 [abstract]	
确定报告分部考虑的因素	text
报告分部的产品和劳务的类型	text
计量报告分部利润或亏损、资产和负债的会计政策	text
报告分部利润或亏损，资产和负债的信息 [abstract]	
经营分部信息披露 [abstract]	
经营分部信息披露 [table]	table
报告分部利润或亏损及资产和负债 [axis]	axis
报告分部项目的类别 [member]	member
其他报告分部 [member]	member
经营分部信息披露 [line items]	line items
板块收入	X

元 素	元素类型
減：板块间交易收入	X
对外交易收入	X
板块利润	X
不可分配费用	X
营业利润	X
板块资产	X
其他资产	X
板块间抵销	X
资产总计	X
板块负债	X
其他负债	X
板块间抵销	X
负债合计	X
折旧、折耗和摊销费用	X
资产减值损失	X
资本性支出	X
区域信息 [abstract]	
分部对外交易收入 [abstract]	
中国大陆	X
其他	X
分部对外交易收入	X
非流动资产 [abstract]	
中国大陆	X
其他	X
非流动资产	X
[837000] 附注 - 财务风险管理	
财务风险管理 [abstract]	
财务风险管理 [text block]	text block
财务风险管理（详细披露） [abstract]	
财务风险 [abstract]	
市场风险 [abstract]	
外汇风险 [abstract]	
对于外汇风险的描述	text
利率风险 [abstract]	
对于利率风险的描述	text
价格风险 [abstract]	
对于价格风险的描述	text

元 素	元素类型
信用风险 [abstract] 对于信用风险的描述	text
流动性风险 [abstract] 对于流动性风险的描述	text
资本风险管理 [abstract] 对于资本风险管理的描述	text
公允价值 [abstract] 对于公允价值的描述	text

[836600] 附注 - 关联方关系及其交易

关联方关系及其交易 [abstract]	
关联方关系及其交易 [text block]	text block
关联方关系及其交易（详细披露） [abstract]	
关联方关系 [abstract]	
控制本公司的关联方信息 [abstract]	
控制本公司的关联方 [abstract]	
控制本公司的关联方 [table]	table
控制本公司的关联企业名称 [axis]	axis
控制本公司的关联方企业名称 [member]	member
控制本公司的关联方 [line items]	line items
控制本公司的关联方的企业类型	text
控制本公司的关联方注册地址	text
控制本公司的关联方法定代表人	text
控制本公司的关联方业务性质	text
控制本公司的关联方注册资本	text
母公司对本公司的持股比例	X.XX
母公司对本公司的表决权比例	X.XX
本公司的最终控制方公司名称	text
母公司其他需要说明的事项 [text block]	text block
存在控制关系的关联方信息 [text block]	text block
不存在控制关系的主要关联方的性质 [abstract]	
不存在控制关系的关联方 [table]	table
不存在控制关系的关联方名称 [axis]	axis
不存在控制关系的关联方名称 [member]	member
不存在控制关系的关联方 [line items]	line items
不存在控制关系的关联方与本公司的关系	text
关联方交易信息披露 [abstract]	
关联交易定价政策 [text block]	text block

元 素	元素类型
向关联方采购货物的交易 [abstract]	
向关联方采购货物的交易 [table]	table
发生采购货物的交易的关联方企业名称 [axis]	axis
发生采购货物的交易的关联方企业名称 [member]	member
向关联方采购货物的交易 [line items]	line items
向关联方采购货物金额	X
向关联方销售货物的交易 [abstract]	
向关联方销售货物的交易 [table]	table
发生销售货物交易的关联方企业名称 [axis]	axis
发生销售货物交易的关联方企业名称 [member]	member
向关联方销售货物的交易 [line items]	line items
向关联方销售货物金额	X
关联方往来款项余额 [abstract]	
关联方往来款项余额 [table]	table
往来款项目 [axis]	axis
往来款项目 [member]	member
应收账款 [member]	member
应收票据 [member]	member
其他应收款 [member]	member
应付账款 [member]	member
应付票据 [member]	member
其他应付款 [member]	member
关联方往来款项余额 [line items]	line items
关联方往来款项余额	X
关联方交易担保事项 [abstract]	
关联方担保事项情况	text
主要管理人员薪酬 [abstract]	
主要管理人员薪酬	X
其他关联方交易事项 [abstract]	
其他关联方交易事项 [text block]	text block

[813100] 附注 - 或有事项

或有事项 [abstract]	
或有事项 [text block]	text block
或有事项（详细披露） [abstract]	
为其他单位提供债务担保形成的或有负债 [abstract]	
为其他单位提供债务担保形成的或有负债描述	text
环保责任形成的或有负债 [abstract]	

元 素	元素类型
环保责任或有事项的描述	text
法律方面的或有责任 [abstract]	
法律方面或有责任的描述	text
其他或有负债或资产 [abstract]	
其他或有负债或资产的描述	text
[813300] 附注 - 承诺事项	
承诺事项 [abstract]	
承诺事项 [text block]	text block
承诺事项（详细披露） [abstract]	
经营租赁承诺事项信息披露 [abstract]	
需在未来支付的最低租赁费用一年以内	X
需在未来支付的最低租赁费用一年至两年	X
需在未来支付的最低租赁费用两年至三年	X
需在未来支付的最低租赁费用三年以上	X
经营租赁承诺事项合计	X
经营租赁承诺事项其他需要说明的事项 [text block]	text block
资本性承诺事项信息披露 [abstract]	
已授权及已签约的资本性承诺事项	X
已授权但未签约的资本性承诺事项	X
资本性承诺事项合计	X
资本性承诺事项其他需要说明的事项 [text block]	text block
勘探和采矿许可证信息披露 [abstract]	
勘探和采矿许可证费用	X
预计一年以内需支付的勘探和采矿许可证费用	X
预计一年至两年需支付的勘探和采矿许可证费用	X
预计两年至三年需支付的勘探和采矿许可证费用	X
预计三年至四年需支付的勘探和采矿许可证费用	X
预计四年至五年需支付的勘探和采矿许可证费用	X
预计五年以后需支付的勘探和采矿许可证费用	X
其他重大承诺事项信息披露 [abstract]	
其他重大承诺事项信息披露 [text block]	text block
[829100] 附注 - 资产负债表日后事项	
资产负债表日后事项 [abstract]	
资产负债表日后事项 [text block]	text block
资产负债表日后事项（详细披露） [abstract]	
资产负债表日后事项的信息	text

附录二：

石油和天然气行业扩展分类标准元素清单

(英文)

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Element	Element Type
[130000] Statements - General information about financial statements	
Company background [abstract]	
Company name	text
Approving province	text
Approval date	yyyy-mm-dd
Approval No	Text
Sponsor	Text
Business license number	Text
Industries	Text
Basis on which financial statements are prepared	Text
Statement of compliance with accounting standard for business enterprises	Text
[233000] Statements - Consolidated and company balance sheets	
Consolidated and company balance sheet [abstract]	
Consolidated and company balance sheet [table]	Table
Consolidated and company [axis]	Axis
Consolidated [member]	Member
Company [member]	Member
Consolidated and company balance sheet [line items]	line items
Assets [abstract]	
Current assets [abstract]	
Cash at bank and on hand	X
Notes receivable	X
Accounts receivable	X
Advances to suppliers	X
Other receivables	X
Inventories	X
Other current assets	X
Total current assets	X
Non-current assets [abstract]	
Available-for-sale financial assets	X
Long-term equity investments	X
Fixed assets	X
Oil and gas assets	X
Construction in progress	X
Construction materials	X

Element	Element Type
Intangible assets	X
Goodwill	X
Long-term deferred expenses	X
Deferred tax assets	X
Other non-current assets	X
Total non-current assets	X
Total assets	X
Liabilities and shareholders' equity [abstract]	
Current liabilities [abstract]	
Short-term borrowings	X
Notes payable	X
Accounts payable	X
Advances from customers	X
Employee compensation payable	X
Taxes payable	X
Other payables	X
Current portion of non-current liabilities	X
Other current liabilities	X
Total current liabilities	X
Non-current liabilities [abstract]	
Long-term borrowings	X
Debentures payable	X
Provisions	X
Deferred tax liabilities	X
Other non-current liabilities	X
Total non-current liabilities	X
Total liabilities	X
Shareholders' equity [abstract]	
Share capital	X
Capital surplus	X
Special reserve	X
Surplus reserves	X
Retained earnings	X
Currency translation differences	X
Total equity attributable to owners of parent	X
Minority interest	X
Total shareholders' equity	X

Element	Element Type
Total liabilities and shareholders' equity	X
[333000] Statements - Consolidated and company income statements	
Consolidated and company income statement [abstract]	
Consolidated and company income statement [table]	table
Consolidated and company [axis]	axis
Consolidated [member]	member
Company [member]	member
Consolidated and company income statement [line items]	line items
Operating revenue	X
Cost of sales	X
Tax and levies on operations	X
Selling expenses	X
General and administrative expenses	X
Finance expenses	X
Exploration expenses, including exploratory dry holes	X
Asset impairment losses	X
Investment income	X
Profit or loss arising from changes in fair value	X
Operating profit	X
Non-operating income	X
Non-operating expenses	X
Profit loss before tax	X
Taxation	X
Net profit	X
Net profit of acquiree before business combinations involving enterprises under common control	X
Attributable to owners of parent	X
Attributable to minority interest	X
Earnings per share [abstract]	
Basic earnings per share	shares
Diluted earnings per share	shares
Other comprehensive income	X
Comprehensive income	X
Attributable to equity holders of company	X
Attributable to minority interest	X

Element	Element Type
[433000] Statements - Consolidated and company cash flow statements	
Consolidated and company cash flow statements [abstract]	
Consolidated and company cash flow statements [table]	table
Consolidated and company [axis]	axis
Consolidated [member]	member
Company [member]	member
Consolidated and company cash flow statements [line items]	line items
Cash flows from operating activities [abstract]	
Cash received from sales of goods and rendering of services	X
Refund of taxes and levies	X
Cash received relating to other operating activities	X
Subtotal of cash inflows	X
Cash paid for goods and services	X
Cash paid to and on behalf of employees	X
Payments of taxes and levies	X
Cash paid relating to other operating activities	X
Subtotal of cash outflows	X
Net cash from operating activities	X
Cash flows from investing activities [abstract]	
Cash received from disposal of investments	X
Deregistration of wholly owned subsidiaries to branches	X
Cash received from returns on investments	X
Net cash received from disposal of fixed assets, oil and gas properties, intangible assets and other long-term assets	X
Cash receipts related to other investing activities	X
Subtotal of cash inflows	X
Cash paid to acquire fixed assets, oil and gas properties, intangible assets and other long-term assets	X
Cash paid to acquire investments	X
Cash payments related to other investing activities	X
Subtotal of cash outflows	X
Net cash flows from investing activities	X
Cash flows from financing activities [abstract]	
Cash received from capital contributions	X
Cash received from minority shareholders' capital contributions to subsidiaries	X
Cash received from borrowings	X

Element	Element Type
Cash received relating to other financing activities	X
Sub-total of cash inflows	X
Cash repayments of borrowings	X
Cash payments for interest expenses and distribution of dividends or profits	X
Subsidiaries' cash payments for distribution of dividends or profits to minority shareholders	X
Capital reduction of subsidiaries	X
Cash payments relating to other financing activities	X
Subtotal of cash outflows	X
Net cash flows from financing activities	X
Effect of foreign exchange rate changes on cash and cash equivalents	X
Net (decrease) / increase in cash and cash equivalents	X
Cash and cash equivalents at beginning of period	X
Cash and cash equivalents at end of period	X

[533000] Statements - Consolidated and company statement of changes in equity

Consolidated and company statement of changes in equity [abstract]	
Consolidated and company statement of changes in equity [table]	table
Consolidated and company [axis]	axis
Consolidated [member]	member
Company [member]	member
Components of shareholders equity [axis]	axis
Shareholders equity [member]	member
Shareholders equity attributable to owners of parent company [member]	member
Share capital [member]	member
Capital surplus [member]	member
Special reserve [member]	member
Surplus reserves [member]	member
Undistributed profits [member]	member
Currency translation difference [member]	member
Minority interests [member]	member
Consolidated and company statement of changes in equity [line items]	line items
Equity, balance at beginning of period	X
Equity changes for year [abstract]	
Net profit	X
Other comprehensive income	X
Comprehensive income	X

Element	Element Type
Special reserve, safety fund [abstract]	
Appropriation	X
Utilisation	X
Profit distribution [abstract]	
Appropriation to surplus reserves	X
Distribution to shareholders	X
Other equity movement [abstract]	
Consideration for combination of entities under common control	X
Acquisition of subsidiaries	X
Purchase of minority interest in subsidiaries	X
Capital contribution from minority interest	X
Change in equity through capital reduction of subsidiaries	X
Disposal of subsidiaries	X
Others	X
Other equity movement	X
Equity, balance at end of period	X

[830010] Notes - Company background

Company background [abstract]	
Company background [text block]	text block
Company background (detail) [abstract]	
Company name	text
Approval No	text
Approval date	yyyy-mm-dd
Sponsor	text

[830020] Notes - Basis of preparation

Basis of preparation [abstract]	
Basis of preparation [text block]	text block
Basis of preparation (detail) [abstract]	
Basis on which financial statements are prepared	text

[830030] Notes - Statement of compliance with the accounting standards for business enterprises

Statement of compliance with accounting standard for business enterprises [abstract]	
Statement of compliance with accounting standard for business enterprises [text block]	text block
Statement of compliance with accounting standard for business enterprises (detail)	

Element	Element Type
[abstract] Statement of compliance with accounting standard for business enterprises	text
[830100] Notes - Principal accounting policies and accounting estimates	
Principal accounting policies and accounting estimates [abstract]	
Principal accounting policies and accounting estimates [text block]	text block
Principal accounting policies and accounting estimates (policies) [abstract]	
Accounting period [text block]	text block
Recording currency [text block]	text block
Measurement properties [text block]	text block
Disclosure of significant accounting policies and accounting estimates, foreign currency transaction and translation of foreign currency financial statements [text block]	text block
Significant accounting policies and accounting estimates, cash and cash equivalents [text block]	text block
Significant accounting policies and accounting estimates, financial instruments [text block]	text block
Significant accounting policies and accounting estimates, inventories [text block]	text block
Significant accounting policies and accounting estimates, long-term equity investments [text block]	text block
Significant accounting policies and accounting estimates fixed assets [text block]	text block
Significant accounting policies and accounting estimates, oil and natural gas assets [text block]	text block
Significant accounting policies and accounting estimates, construction in progress [text block]	text block
Significant accounting policies and accounting estimates, intangible assets [text block]	text block
Significant accounting policies and accounting estimates, research and development [text block]	text block
Significant accounting policies and accounting estimates, long-term prepaid expenses [text block]	text block
Significant accounting policies and accounting estimates, impairment of non-current assets [text block]	text block
Significant accounting policies and accounting estimates, borrowing costs [text block]	text block
Significant accounting policies and accounting estimates, employee compensation [text block]	text block
Significant accounting policies and accounting estimates, provisions and contingent liabilities [text block]	text block
Significant accounting policies and accounting estimates, deferred tax assets and	text block

Element	Element Type
deferred tax liabilities [text block]	
Significant accounting policies and accounting estimates, revenue recognition [text block]	text block
Significant accounting policies and accounting estimates, leases [text block]	text block
Significant accounting policies and accounting estimates, dividend distribution [text block]	text block
Significant accounting policies and accounting estimates, business combination [text block]	text block
Significant accounting policies and accounting estimates, basis of preparation of consolidated financial statements [text block]	text block
Significant accounting policies and accounting estimates, segment reporting [text block]	text block
Significant accounting policies and accounting estimates, critical accounting estimates and judgements [text block]	text block
Significant accounting policies and accounting estimates, government grants [text block]	text block
Significant accounting policies and accounting estimates, goodwill [text block]	text block
Significant accounting policies and accounting estimates, related party [text block]	text block

[818200] Notes - Taxation

Taxation [abstract]	
Taxation [text block]	text block
Taxation (detail) [abstract]	
Information about taxation	text

[833600] Notes - Business combination

Consolidation and principal subsidiaries [abstract]	
Disclosure of consolidation and principal subsidiaries [text block]	text block
Consolidation and principal subsidiaries (detail) [abstract]	
Principal subsidiaries [abstract]	
Principal subsidiaries [table]	table
Principal subsidiaries [axis]	axis
Principal subsidiaries [member]	member
Principal subsidiaries [line items]	line items
Type of subsidiary	text
Acquisition method	text
Country of incorporation	text
Registered capital	X

Element	Element Type
Principal activities	text
Type of legal entity	text
Legal representative	text
Closing effective investment cost	X
Attributable equity interest	X.XX
Attributable voting rights	X.XX
Consolidated or not	text
Exchange rates of international operations' major financial statement items [abstract]	
Exchange rates of international operations' major financial statement items [table]	table
Entity name of international operations [axis]	axis
Entity name of international operations [member]	member
Exchange rates of international operations' major financial statement items [line items]	line items
Exchange rates of balance sheet items for international operations	X.XX
Exchange rates of revenue, expenses and cash items for international operations	text
Additional information about consolidation [text block]	text block

[837200] Notes - Cash at bank and on hand

Cash at bank and on hand [abstract]	
Cash at bank and on hand [text block]	text block
Cash at bank and on hand (detail) [abstract]	
Cash on hand	X
Cash at bank	X
Other cash balances	X
Total cash at bank and on hand	X
Cash at bank and on hand foreign currencies [abstract]	
Cash at bank and on hand foreign currencies [table]	table
Currencies type [axis]	axis
Currencies [member]	member
Cash at bank and on hand foreign currencies [line items]	line items
Foreign currency	X
Exchange rate	X.XX
RMB equivalent	X
Additional information about cash at bank and on hand	text

[837220] Notes - Notes receivable

Notes receivable [abstract]	
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Element	Element Type
Notes receivable [text block]	text block
Notes receivable (detail) [abstract]	
Nature of notes receivable	text
Information about maturity date of notes receivable	text
Additional information about notes receivable	text

[837600] Notes - Accounts receivable and other receivables

Accounts receivable and other receivables [abstract]	
Disclosure of accounts receivable and other receivables [text block]	text block
Accounts receivable and other receivables (detail) [abstract]	
Accounts receivable [abstract]	
Accounts receivable disclosures [abstract]	
Accounts receivable disclosures [table]	table
Consolidated and company [axis]	axis
Consolidated [member]	member
Company [member]	member
Accounts receivable disclosures [line items]	line items
Accounts receivable balance	X
Provision for bad debts	X
Accounts receivable	X
Accounts receivable disclosures by aging [abstract]	
Accounts receivable disclosures by aging [table]	table
Consolidated and company [axis]	axis
Consolidated [member]	member
Company [member]	member
Accounts receivable aging structure [axis]	axis
Accounts receivable by aging [member]	member
Within one year [member]	member
One to two years [member]	member
Two to three years [member]	member
Over three years [member]	member
Accounts receivable disclosures by aging [line items]	line items
Amount	X
Percentage of total balance	X.XX
Provision for bad debts	X
Additional information about accounts receivable	text
Other receivables [abstract]	

Element	Element Type
Other receivables disclosures [abstract]	
Other receivables disclosures [table]	table
Consolidated and company [axis]	axis
Consolidated [member]	member
Company [member]	member
Other receivables disclosures [line items]	line items
Other receivables balance	X
Provision for bad debts	X
Net book value of other receivables	X
Other receivables disclosures by aging [abstract]	
Other receivables disclosures by aging [table]	table
Consolidated and company [axis]	axis
Consolidated [member]	member
Company [member]	member
Other receivables aging structure [axis]	axis
Other receivables by aging [member]	member
Within one year [member]	member
One to two years [member]	member
Two to three years [member]	member
Over three years [member]	member
Other receivables disclosures by aging [line items]	line items
Amount	X
Percentage of total balance	X.XX
Provision for bad debts	X
Additional information about other receivables	text

[837240] Notes - Advances to suppliers

Advances to suppliers [abstract]	
Advances to suppliers [text block]	text block
Advances to suppliers (detail) [abstract]	
Balance of prepayments	X
Prepayments bad debts provision	X
Net book value of advances to suppliers	X
Additional information about prepayments	text

[801110] Notes - Inventories

Inventory [abstract]	
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Element	Element Type
Inventory [text block]	text block
Inventory (detail) [abstract]	
Crude oil and other raw materials	X
Work in progress	X
Finished goods	X
Turnover materials	X
Inventory balance	X
Write down in inventories	X
Net book value	X
Additional information about inventories [text block]	text block
[837280] Notes - Available-for-sale financial assets	
Available-for-sale financial assets [abstract]	
Available-for-sale financial assets [text block]	text block
Available-for-sale financial assets (detail) [abstract]	
Available-for-sale debenture	X
Available-for-sale equity instrument	X
Other	X
Provision for impairment	X
Available-for-sale financial assets, net	X
[802100] Notes - Long-term equity investments	
Long-term equity investments [abstract]	
Long-term equity investments [text block]	text block
Long-term investment (detail) [abstract]	
Categories of long-term investment [abstract]	
Categories of long-term investment [table]	table
Consolidated and company [axis]	axis
Consolidated [member]	member
Company [member]	member
Categories of long-term investment [line items]	line items
Investment in associates and jointly controlled entities, gross at beginning of period	X
Investment in subsidiaries, gross at beginning of period	X
Provision for impairment of long-term equity investment at beginning of period	X
Long-term equity investments at beginning of period	X
Addition in long-term equity investment, associates and jointly controlled entities	X
Addition in long-term equity investment, subsidiaries	X

Element	Element Type
Reduction in long-term equity investment, associates and jointly controlled entities	X
Reduction in long-term equity investment, subsidiaries	X
Investment in associates and jointly controlled entities, gross at end of period	X
Investment in subsidiaries, gross at end of period	X
Provision for impairment of long-term equity investment at end of period	X
Long-term equity investments at end of period	X
Circumstances result from party being invested under severe restrictions significantly impairing its ability to transfer funds to parent	text
Investments in associates and jointly controlled entities [abstract]	
Information of principal associates and jointly controlled entities [abstract]	
Information of principal associates and jointly controlled entities [table]	table
Investee [axis]	axis
Investee [member]	member
Principal associates and jointly controlled entities [member]	member
Information of principal associates and jointly controlled entities [line items]	line items
Place of registration	text
Principal activities	text
Registered capital	X
Interest held	X.XX
Voting rights	X.XX
Assets	X
Liabilities	X
Net assets	X
Revenues	X
Profit (loss)	X
Investments in principal associates and jointly controlled entities [abstract]	
Investments in principal associates and jointly controlled entities [table]	table
Investee [axis]	axis
Investee [member]	member
Principal associates and jointly controlled entities [member]	member
Investments in principal associates and jointly controlled entities [line items]	line items
Investment cost	X
Investment in associates and jointly controlled entities, gross at beginning of period	X
Additions	X
Reduction of investment	X
Share of profit of investees under equity method	X

Element	Element Type
Cash dividend declared	X
Currency translation differences	X
Associates transferred to subsidiaries	X
Investment in associates and jointly controlled entities, gross at end of period	X
Investment in subsidiaries [abstract]	
Investment in subsidiaries [table]	table
Consolidated and company [axis]	axis
Consolidated [member]	member
Company [member]	member
Subsidiaries name [axis]	axis
Subsidiaries name [member]	member
Other [member]	member
Investment in subsidiaries [line items]	line items
Investment cost	X
Investment in subsidiaries, gross at beginning of period	X
Additional investment	X
Disposal or deduction of capital	X
Transferred to branch	X
Investment in subsidiaries, gross at end of period	X
Additional information about long term equity investment	text

[804100] Notes - Fixed assets

Fixed asset [abstract]	
Fixed asset [text block]	text block
Fixed asset (detail) [abstract]	
Fixed asset, change [abstract]	
Fixed asset, change [table]	table
Classes of fixed assets [axis]	axis
Fixed assets [member]	member
Buildings [member]	member
Equipment and machinery [member]	member
Motor vehicles [member]	member
Other fixed assets [member]	member
Fixed asset, change [line items]	line items
Cost of fixed asset [abstract]	
Fixed asset, original cost at beginning of period	X
Fixed asset increase in current period	X

Element	Element Type
Fixed asset decrease in current period	X
Fixed asset, original cost at end of period	X
Fixed assets accumulated depreciation [abstract]	
Fixed asset, accumulated depreciation at beginning of period	X
Accumulated depreciation of fixed asset increase in current period	X
Accumulated depreciation of fixed asset decrease in current period	X
Fixed asset, accumulated depreciation at end of period	X
Fixed assets, net [abstract]	
Fixed assets, net at beginning of period	X
Fixed assets, net at end of period	X
Provision for impairment of fixed asset [abstract]	
Provision for impairment of fixed assets at beginning of period	X
Provision for impairment of fixed assets increase in current period	X
Provision for impairment of fixed assets decrease in current period	X
Provision for impairment of fixed assets at end of period start	X
Net book value of fixed assets [abstract]	
Fixed assets at beginning of period	X
Fixed assets at end of period	X
Depreciation provided on fixed assets for current year	X
Cost transferred from construction in progress to fixed assets	X
Fixed assets under operating leases	X
Additional information about fixed assets	text

[827100] Notes - Oil and gas properties

Oil and natural gas assets [abstract]	
Oil and natural gas assets [text block]	text block
Oil and natural gas assets (detail) [abstract]	
Changes of oil and natural gas assets [abstract]	
Changes of oil and natural gas assets [table]	table
Categories of oil and gas assets [axis]	axis
Oil and gas assets [member]	member
Mineral interests in proved properties [member]	member
Mineral interests in unproved properties [member]	member
Wells and related facilities [member]	member
Changes of oil and natural gas assets [line items]	line items
Original cost of oil and gas assets [abstract]	
Oil and gas assets, original cost at beginning of period	X

Element	Element Type
Oil and gas assets increase in original cost during current period	X
Oil and gas assets decrease in original cost during current period	X
Oil and gas assets, original cost at end of period	X
Accumulated depreciation of oil and gas assets [abstract]	
Accumulated depreciation of oil and gas assets at beginning of period	X
Increase in accumulated depreciation of oil and gas assets during current period	X
Decrease in accumulated depreciation of oil and gas assets during current period	X
Accumulated depreciation of oil and gas assets at end of period	X
Oil and gas assets, net [abstract]	
Oil and gas assets, net at beginning of period	X
Oil and gas assets, net at end of period	X
Accumulated impairment of oil and gas assets [abstract]	
Provision for impairment of oil and natural gas assets at beginning of period	X
Increase in provision of impairment for oil and gas assets during current period	X
Decrease in provision of impairment for oil and gas assets during current period	X
Provision for impairment of oil and natural gas assets at end of period	X
Oil and gas assets [abstract]	
Oil and gas assets at beginning of period	X
Oil and gas assets at end of period	X
Additional information about oil and natural gas assets	text

[830240] Notes - Construction materials

Construction materials [abstract]	
Construction materials [text block]	text block
Construction materials (detail) [abstract]	
Information about construction materials [text block]	text block

[830230] Notes - Construction in progress

Construction in progress [abstract]	
Construction in progress [text block]	text block
Construction in progress (detail) [abstract]	
Disclosure of construction in progress [abstract]	
Disclosure of construction in progress [table]	table
Project name [axis]	axis
Construction in progress [member]	member
Other construction in progress [member]	member

Element	Element Type
Disclosure of construction in progress [line items]	line items
Project budget	X
Construction in progress, balance at beginning of period	X
Provision for impairment of construction in progress at beginning of period	X
Construction in progress at beginning of period	X
Addition, construction in progress	X
Transferred to fixed assets or oil and gas properties	X
Dry hole costs	X
Other reduction	X
Construction in progress, balance at end of period	X
Provision for impairment of construction in progress at end of period	X
Construction in progress at end of period	X
Proportion of construction compared to budget %	X.XX
Capitalised interest expense, construction in progress	X
Capitalised interest expense for current year, construction in progress	X
Source of fund, construction in progress	text
Capitalised interest expense for current year, construction in progress	X
Scope of capitalisation rate in current period	text
Additional information about construction in progress	text

[806100] Notes - Intangible assets

Intangible assets [abstract]	
Intangible assets [text block]	text block
Intangible assets (detail) [abstract]	
Disclosure of intangible assets [abstract]	
Disclosure of intangible assets [table]	table
Classes of intangible assets [axis]	axis
Intangible assets [member]	member
Land use rights [member]	member
Patents [member]	member
Other intangible assets under CAS [member]	member
Disclosure of intangible assets [line items]	line items
Cost, intangible assets [abstract]	
Intangible assets, original cost at beginning of period	X
Intangible assets increase in current period	X
Intangible assets decrease in current period	X
Intangible assets, original cost at end of period	X

Element	Element Type
Accumulated amortisation, intangible assets [abstract]	
Intangible assets, accumulated amortization at beginning of period	X
Addition of accumulated amortisation, intangible assets	X
Reduction of accumulated amortisation, intangible assets	X
Intangible assets, accumulated amortization at end of period	X
Intangible assets, net [abstract]	
Intangible assets, net at beginning of period	X
Intangible assets, net at end of period	X
Provision for impairment, intangible assets [abstract]	
Provision for impairment of intangible assets at beginning of period	X
Provision for impairment of intangible assets, addition	X
Reduction of provision for impairment, intangible assets	X
Provision for impairment of intangible assets at end of period	X
Net book value, intangible assets [abstract]	
Intangible assets at end of period	X
Intangible assets at beginning of period	X
Amortisation provided on intangible assets for current year	X
Research and development expenditures for current year	X
Additional information about intangible assets	text

[830250] Notes - Goodwill

Goodwill [abstract]	
Goodwill [text block]	text block
Goodwill (details) [abstract]	
Explanation of goodwill	text
Additional information about goodwill	text

[830260] Notes - Long-term prepaid expenses

Long-term deferred expenses [abstract]	
Long-term deferred expenses [text block]	text block
Long-term deferred expenses (detail) [abstract]	
Long-term deferred expenses, change [abstract]	
Long-term deferred expenses, change [table]	table
Disclosure of long-term deferred expenses by items [axis]	axis
Long-term deferred expenses items [member]	member
Advance lease payments [member]	member
Other long-term deferred expenses items [member]	member

Element	Element Type
long-term deferred expenses [line items]	line items
Long-term deferred expenses at beginning of period	X
Long-term deferred expenses increase in current year	X
Long-term deferred expenses decrease in current year	X
Long-term deferred expenses at end of period	X
Amortisation of long-term deferred expenses charged for current period	X
Additional information about long-term deferred expenses [text block]	text block

[808110] Notes - Provision for assets

Provision for assets [abstract]	
Provision for assets [text block]	text block
Provision for assets (detail) [abstract]	
Bad debt provision at beginning of period	X
Provision for impairment of accounts receivable at beginning of period	X
Other receivables bad debt provision at beginning of period	X
Prepayments bad debt provision at beginning of period	X
Provision for impairment of inventory at beginning of period	X
Provision for impairment of available-for-sale financial assets at beginning of period	X
Provision for impairment of long-term equity investment at beginning of period	X
Provision for impairment of fixed assets at beginning of period	X
Provision for impairment of oil and natural gas assets at beginning of period	X
Provision for impairment of construction in progress at beginning of period	X
Provision for impairment of intangible assets at beginning of period	X
Provision for impairment of other assets at beginning of period	X
Provision for asset impairment at beginning of period	X
Bad debts provision, addition	X
Bad debts provision for accounts receivable, addition	X
Bad debts provision for other receivables, addition	X
Bad debts provision for advances to suppliers, addition	X
Provision for declines in the value of inventories, addition	X
Provision for impairment of available-for-sale financial assets, addition	X
Provision for impairment of long-term equity investments, addition	X
Provision for impairment of fixed assets, addition	X
Increase in provision of impairment for oil and gas assets during current period	X
Provision for impairment of construction in progress, addition	X
Provision for impairment of intangible assets, addition	X
Other provision for impairment, increase in current period	X

Element	Element Type
Provision for asset impairment, total addition	X
Bad debts provision, reduction by reversal	X
Bad debts provision for accounts receivable, reduction by reversal	X
Bad debts provision for other receivables, reduction by reversal	X
Bad debts provision for advances to suppliers, reduction by reversal	X
Provision for declines in the value of inventories, reduction by reversal	X
Provision for impairment of available-for-sale financial assets, reduction by reversal	X
Provision for impairment of long-term equity investments, reduction by reversal	X
Provision for impairment of fixed assets, reduction by reversal	X
Provision for impairment of oil and gas properties, reduction by reversal	X
Provision for impairment of construction in progress, reduction by reversal	X
Provision for impairment of intangible assets, reduction by reversal	X
Decrease of other provision for impairment in current period, reduction by reversal	X
Provision for asset impairment, total reduction by reversal	X
Bad debts provision, reduction by write off	X
Bad debts provision for accounts receivable, reduction by write off	X
Bad debts provision for other receivables, reduction by write off	X
Bad debts provision for advances to suppliers, reduction by write off	X
Provision for declines in the value of inventories, reduction by write off	X
Provision for impairment of available-for-sale financial assets, reduction by write off	X
Provision for impairment of long-term equity investments, reduction by write off	X
Provision for impairment of fixed assets, reduction by write off	X
Provision for impairment of oil and gas properties, reduction by write off	X
Provision for impairment of construction in progress, reduction by write off	X
Provision for impairment of intangible assets, reduction by write off	X
Decrease of other provision for impairment in current period, reduction by write off	X
Provision for asset impairment, total reduction by write off	X
Bad debt provision at end of period	X
Provision for impairment of accounts receivable at end of period	X
Other receivables bad debt provision at end of period	X
Prepayments bad debt provision at end of period	X
Provision for impairment of inventory at end of period	X
Provision for impairment of available-for-sale financial assets at end of period	X
Provision for impairment of long-term equity investment at end of period	X
Provision for impairment of fixed assets at end of period start	X
Provision for impairment of oil and natural gas assets at end of period	X
Provision for impairment of construction in progress at end of period	X

Element	Element Type
Provision for impairment of intangible assets at end of period	X
Provision for impairment of other assets at end of period	X
Provision for asset impairment at end of period	X
[837390] Notes - Short-term borrowings	
Short-term borrowings [abstract]	
Short-term borrowings [text block]	text block
Short-term borrowings (detail) [abstract]	
Disclosure of short-term borrowings [abstract]	
Short-term borrowings [table]	table
Short-term borrowings, categories [axis]	axis
Short-term borrowings, categories [member]	member
Short-term credit borrowings [member]	member
Short-term impawn borrowing [member]	member
Short-term pledge borrowings [member]	member
Short-term guaranteed borrowings [member]	member
Short-term borrowings [line items]	line items
Short-term borrowings, amount in original currency	X
Short-term borrowings, exchange rate	X.XX
Short-term borrowings denominated in RMB	X
Additional information about short-term borrowings	text
[837320] Notes - Notes payable	
Notes payable [abstract]	
Notes payable [text block]	text block
Notes payable (detail) [abstract]	
Information about notes payable	text
[837400] Notes - Accounts payable	
Accounts payable [abstract]	
Accounts payable [text block]	text block
Accounts payable (detail) [abstract]	
Amounts payable to shareholders who hold five percent or more of voting rights in company	X
Accounts payable aged over one year	X
Additional information about accounts payable [text block]	text block

Element	Element Type
[837410] Notes - Advances from customers	
Advances from customers [abstract]	
Advances from customers [text block]	text block
Advances from customers (detail) [abstract]	
Advances from shareholders who hold five percent or more of voting rights in company	X
Additional information about advances from customers	text
[809100] Notes - Employee compensation payable	
Employee compensation payable [abstract]	
Employee compensation payable [text block]	text block
Employee compensation payable (detail) [abstract]	
Disclosure of employee compensation payable [abstract]	
Disclosure of employee compensation payable [table]	table
Employee compensation payable [axis]	axis
Employee compensation payable [member]	member
Wages, salaries and allowances [member]	member
Staff welfare [member]	member
Social security contributions [member]	member
Medical insurance [member]	member
Basic endowment insurance [member]	member
Unemployment insurance [member]	member
Work related injury insurance [member]	member
Maternity insurance [member]	member
Housing fund [member]	member
Labour union funds and employee education funds [member]	member
Other [member]	member
Disclosure of employee compensation payable [line items]	line items
Employee benefits payable at beginning of period	X
Employee compensation payable increase	X
Employee compensation payable decrease	X
Employee benefits payable at end of period	X
Additional information about employee benefits payables	text
[830290] Notes - Taxes payable	
Taxes payable [abstract]	
Taxes payable [text block]	text block

Element	Element Type
Taxes payable (detail) [abstract]	
Taxes payable income tax payable	X
Taxes payable consumption tax payable	X
Crude oil special levy payable	X
Value added tax payable	X
Tax payable, mineral resources compensation tax	X
Other	X
Total taxes payable	X
[837440] Notes - Other payables	
Other payables [abstract]	
Other payables [text block]	text block
Other payables (detail) [abstract]	
Other payables to shareholders who hold five percent or more of voting rights in company	X
Additional information about other payables [text block]	text block
[813200] Notes - Provision for assets	
Provision [abstract]	
Provisions [text block]	text block
Provisions (detail) [abstract]	
Disclosure of provisions [abstract]	
Disclosure of provisions [table]	table
Provisions [axis]	axis
Provisions [member]	member
Assets retirement obligations [member]	member
Disclosure of provisions [line items]	line items
Provisions, balance at beginning of period	X
Provisions increase	X
Provisions decrease in current period	X
Provisions, balance at end of period	X
[837450] Notes - Current portion of non-current liabilities	
Current portion of non-current liabilities [abstract]	
Current portion of non-current liabilities [text block]	text block
Current portion of non-current liabilities (detail) [abstract]	
Disclosure of current portion of long-term liabilities [abstract]	

Element	Element Type
Current portion of long-term borrowings without current portion of long-term due within one year	X
Debentures payable due within one year	X
Total current portion of non-current liabilities	X
Current portion of long-term borrowings [abstract]	
Current portion of long-term borrowings [table]	table
Long-term borrowing items [axis]	axis
Long-term borrowing items [member]	member
Long-term unsecured borrowings [member]	member
Long-term impawn borrowing [member]	member
Long-term pledge borrowings [member]	member
Long-term guaranteed borrowings [member]	member
Current portion of long-term borrowings [line items]	line items
Current portion of long-term borrowings, balance in original currency	X
Current portion of long-term borrowings, foreign exchange rate	X.XX
Long-term borrowings due within one year RMB	X
Five largest long-term borrowings due within one year [abstract]	
Five largest long-term borrowings due within one year [table]	table
Borrowings by amount [axis]	axis
Borrowings [member]	member
Top five amounts [member]	member
First largest amount [member]	member
Second largest amount [member]	member
Third largest amount [member]	member
Fourth largest amount [member]	member
Fifth largest amount [member]	member
Five largest long-term borrowings due within one year [line items]	line items
Long-term borrowings due within one year, borrowing unit	text
Starting date of long-term borrowings due within one year	yyyy-mm-dd
Termination date of long-term borrowings due within one year	yyyy-mm-dd
Long-term borrowings due within one year currency	text
Long-term borrowings due within one year rate	text
Long-term borrowings due within one year foreign currency	X
Long-term borrowings due within one year RMB	X
Additional information about current portion of long-term liabilities	text

Element	Element Type
[830300] Notes - Other current liabilities	
Other current liabilities [abstract]	
Other current liabilities [text block]	text block
Other current liabilities (detail) [abstract]	
Total other current liabilities	X
[837470] Notes - Long-term borrowings	
Long-term borrowings [abstract]	
Long-term borrowings [text block]	text block
Long-term borrowings (detail) [abstract]	
Disclosure of long-term borrowings [abstract]	
Long-term borrowings [table]	table
Types of long-term borrowings [axis]	axis
Types of long-term borrowings [member]	member
Long-term unsecured borrowings [member]	member
Long-term impawn borrowing [member]	member
Long-term pledge borrowings [member]	member
Long-term guaranteed borrowings [member]	member
Long-term borrowings [line items]	line items
Long-term borrowings, amount in original currency	X
Long-term borrowings, exchange rates	X.XX
Long-term borrowings amount in RMB	X
Due date analysis of long-term borrowings [abstract]	
Long-term borrowings between one to two years	X
Long-term borrowings between two to five years	X
Long-term borrowings after five years	X
Total long-term borrowings	X
Five largest long-term borrowings [abstract]	
Five largest long-term borrowings [table]	table
Borrowings by amount [axis]	axis
Borrowings [member]	member
Top five amounts [member]	member
First largest amount [member]	member
Second largest amount [member]	member
Third largest amount [member]	member
Fourth largest amount [member]	member

Element	Element Type
Fifth largest amount [member]	member
Five largest long-term borrowings [line items]	line items
Long-term borrowing unit	text
Starting date of long-term borrowings	yyyy-mm-dd
Termination date of long-term borrowings	yyyy-mm-dd
Long-term borrowings currency	text
Long-term borrowings rate	text
Long-term borrowings foreign currency	X
Long-term borrowings amount in RMB	X
Additional information about long-term borrowings	text
[837490] Notes - Debentures payable	
Debentures payable [abstract]	
Debentures payable [text block]	text block
Debentures payable (detail) [abstract]	
Schedule of debentures payable [abstract]	
Schedule of debentures payable [table]	table
Debentures payable [axis]	axis
Debentures payable [member]	member
Schedule of debentures payable [line items]	line items
Issue date of debentures payable	yyyy-mm-dd
Debentures payable term of debentures	text
Bonds payable, nominal value	X
Debentures payable annual interest rate	X.XX
Bonds payables, balance at beginning of period	X
Debentures payable addition	X
Bonds payable, decrease in current period	X
Bonds payables, balance at end of period	X
Information about debentures payable	text
[818100] Notes - Deferred tax assets and liabilities	
Deferred tax assets and deferred tax liabilities [abstract]	
Disclosure of deferred tax assets and liabilities [text block]	text block
Deferred tax assets and liabilities (detail) [abstract]	
Schedule of deferred tax assets and liabilities [abstract]	
Schedule of deferred tax asset and liability [table]	table
Deferred tax asset and liability [axis]	axis

Element	Element Type
Deferred tax asset and liability [member]	member
Deferred tax assets prior to offset [member]	member
Deferred tax assets relating to provision for impairment of assets [member]	member
Deferred tax assets relating to wages and welfare [member]	member
Deferred tax assets relating to carry forward of losses [member]	member
Other deferred tax assets [member]	member
Deferred tax liabilities prior to offset [member]	member
Deferred tax liabilities relating to depreciation and depletion of fixed assets and oil and gas properties [member]	member
Other deferred tax liabilities [member]	member
Schedule of deferred tax asset and liability [line items]	line items
Deferred tax, balance	X
Taxable or deductible temporary differences	X
Deferred tax assets and liabilities after offset [abstract]	
Deferred tax asset after offset	X
Deferred tax liabilities after offset	X
Additional information about deferred tax asset and liability	text

[830320] Notes - Share capital

Share capital [abstract]	
Share capital [text block]	text block
Share capital (detail) [abstract]	
Share capital	X
Additional information about paid in capital(or share capital) in current period [text block]	text block

[830330] Notes - Capital surplus

Capital surplus [abstract]	
Capital surplus [text block]	text block
Capital surplus (detail) [abstract]	
Disclosure of capital surplus [abstract]	
Disclosure of capital surplus [table]	table
Capital surplus items [axis]	axis
Capital surplus items [member]	member
Capital premium [member]	member
Other capital surplus [member]	member
Capital surplus generated under ASBS [member]	member
Available for sale financial assets, change of fair value [member]	member

Element	Element Type
Business combination involving enterprises under common control [member]	member
Others [member]	member
Disclosure of capital surplus [line items]	line items
Capital surplus, balance at beginning of period	X
Capital surplus, increase in current period	X
Capital surplus, decrease in current period	X
Capital surplus, balance at end of period	X
[830350] Notes - Surplus reserves	
Surplus reserves [abstract]	
Reserves [text block]	text block
Surplus reserves (detail) [abstract]	
Surplus reserves, change [abstract]	
Surplus reserves, change [table]	table
Surplus reserves, type [axis]	axis
Surplus reserves, type [member]	member
Statutory surplus reserve [member]	member
Other surplus reserves [member]	member
Surplus reserves, change [line items]	line items
Surplus reserves at beginning of period	X
Surplus reserves, increase in current period	X
Surplus reserves, decrease in current period	X
Surplus reserves at end of period	X
Description of appropriation of statutory surplus reserve	text
Description of appropriation of other surplus reserve	text
[830370] Notes - Undistributed profits	
Retained earnings [abstract]	
Disclosure of retained earnings [text block]	text block
Retained earnings (detail) [abstract]	
Changes of retained earnings [abstract]	
Changes of retained earnings [table]	table
Components of shareholders equity [axis]	axis
Shareholders equity [member]	member
Undistributed profits [member]	member
Changes of retained earnings [line items]	line items

Element	Element Type
Equity, balance at beginning of period	X
Net profit attributable to equity holders of company	X
Special reserve, safety fund	X
Others	X
Appropriation to statutory surplus reserves	X
Ordinary share dividends payable	X
Equity, balance at end of period	X
Description related to profits distribution in current period	text

[830380] Notes - Minority interest

Minority interest [abstract]	
Minority interest explanatory [text block]	text block
Minority interest (detail) [abstract]	
Minority interest attributable to minority shareholders of subsidiaries [abstract]	
Minority interest attributable to minority shareholders of subsidiaries [table]	table
Subsidiaries name [axis]	axis
Subsidiaries name [member]	member
Other subsidiaries [member]	member
Minority interest attributable to minority shareholders of subsidiaries [line items]	line items
Minority interest	X

[830770] Notes - Operating income and cost of sales

Operating income and cost of sales [abstract]	
Disclosure of operating income and cost of sales [text block]	text block
Operating income and cost of sales (detail) [abstract]	
Disclosure of operating income [abstract]	
Disclosure of operating income [table]	table
Consolidated and company [axis]	axis
Consolidated [member]	member
Company [member]	member
Disclosure of operating income [line items]	line items
Income from principal operations	X
Income from other operations	X
Total revenue	X
Disclosure of cost of sales [abstract]	
Disclosure of cost of sales [table]	table
Consolidated and company [axis]	axis

Element	Element Type
Consolidated [member]	member
Company [member]	member
Disclosure of cost of sales [line items]	line items
Cost of sales from principal operations	X
Cost of sales from other operations	X
Total cost of sales	X
Income from group's five largest customers	X
Percentage of income from group's five largest customers to group's operating income	X.XX
Income from company's five largest customers	X
Percentage of income from company's five largest customers to company's operating income	X.XX
Income and cost of sales from principal operations [abstract]	
Income and cost of sales from principal operations [table]	table
Consolidated and company [axis]	axis
Consolidated [member]	member
Company [member]	member
Segments [axis]	axis
Segments [member]	member
Income and cost of sales from principal operations [line items]	line items
Income from principal operations	X
Cost of sales from principal operations	X
Income and cost of sales from other operations [abstract]	
Income and cost of sales from other operations [table]	table
Consolidated and company [axis]	axis
Consolidated [member]	member
Company [member]	member
Other operations [axis]	axis
Other operations [member]	member
Income and cost of sales from other operations [line items]	line items
Income from other operations	X
Cost of sales from other operations	X

[830390] Notes - Tax and levies on operations

Tax and levies on operations [abstract]	
Tax and levies on operations [text block]	text block
Tax and levies on operations (detail) [abstract]	
Business tax	X

Element	Element Type
City maintenance and construction tax	X
Educational surcharge	X
Consumption tax	X
Resource tax	X
Crude oil special levy	X
Product tax	X
Other	X
Total	X
[830470] Notes - Selling expenses	
Selling expenses [abstract]	
Disclosure of selling expenses [text block]	text block
Selling expenses (detail) [abstract]	
Employee compensation	X
Depreciation, depletion and amortisation	X
Transportation expense	X
Others	X
Total	X
[830480] Notes - General and administrative expenses	
General and administrative expenses [abstract]	
Disclosure of general and administrative expenses [text block]	text block
General and administrative expenses (detail) [abstract]	
Employee compensation cost	X
Depreciation, depletion and amortisation	X
Repair expense	X
Safety fund	X
Other taxes	X
Others	X
Total	X
[830490] Notes - Finance expenses	
Finance expenses [abstract]	
Disclosure of finance expenses [text block]	text block
Finance expenses(detail) [abstract]	
Interest expenses	X
Accretion expenses	X

Element	Element Type
Interest income	X
Exchange losses	X
Exchange gains	X
Other	X
Total	X

[808120] Notes - Asset impairment losses

Asset impairment losses [abstract]	
Asset impairment losses [text block]	text block
Asset impairment losses(detail) [abstract]	
Impairment losses for bad debts provision	X
Impairment losses for declines in value of inventories	X
Impairment losses for available-for-sale financial assets	X
Impairment losses of fixed assets, amounts incurred in current period	X
Impairment losses of oil and natural gas assets, amounts incurred in current period	X
Impairment losses for intangible assets	X
Impairment losses for construction in progress	X
Impairment losses for long-term equity investments	X
Other	X
Total	X

[830420] Notes - Investment income

Investment income [abstract]	
Investment income [text block]	text block
Investment income (detail) [abstract]	
Investment income, details [abstract]	
Investment income, details [table]	table
Consolidated and company [axis]	axis
Consolidated [member]	member
Company [member]	member
Investment income, details [line items]	line items
Income from long-term equity investment accounted for under cost method	X
Long-term equity investment income accounted for using equity method	X
Investment income from disposal of long-term equity investments	X
Investment income from holding financial assets held for trading	X
Investment income from holding held-to-maturity investments	X
Investment income from holding available-for-sale equity instrument	X

Element	Element Type
Gain from disposal of held for trading financial assets	X
Disposal of return from held-to-maturity investments	X
Net gain on disposal of available-for-sale financial assets	X
Other	X
Total	X
Additional information about investment income	text

[830790] Notes - Non-operating income

Non-operating income [abstract]	
Disclosure of non-operating income [text block]	text block
Non-operating income (detail) [abstract]	
Gains on disposal of fixed assets and oil and gas properties	X
Government grants	X
Other	X
Total	X
Gains on disposal of fixed assets and oil and gas properties included in nonrecurring profit/loss of current year	X
Government grants included in nonrecurring profit/loss of current year	X
Other non-operating income included in nonrecurring profit/loss of current year	X
Total non-operating income included in nonrecurring profit/loss of current year	X

[830430] Notes - Non-operating expenses

Non-operating expenses [abstract]	
Disclosure of non-operating expenses [text block]	text block
Non-operating expenses (detail) [abstract]	
Loss on disposal of fixed assets and oil and gas properties	X
Fines	X
Donation	X
Extraordinary loss	X
Other	X
Total non-operating expenses	X
Loss on disposal of fixed assets and oil and gas properties included in nonrecurring profit/loss of current year	X
Fines included in nonrecurring profit/loss of current year	X
Donation included in nonrecurring profit/loss of current year	X
Extraordinary loss included in nonrecurring profit/loss of current year	X
Other included in nonrecurring profit/loss of current year	X

Element	Element Type
Non-operating expenses included in nonrecurring profit/loss of current year	X
[818300] Notes - Income Taxes	
Income taxes [abstract]	
Disclosure of income taxes [text block]	text block
Income taxes (detail) [abstract]	
Current tax expense income	X
Amount incurred of deferred tax expenses	X
Total income tax	X
Relationship between income taxes and accounting profit [abstract]	
Profit loss before tax	X
Income tax expenses calculated at applicable tax rate	X
Prior year tax return adjustment	X
Effect of preferential tax rate	X
Tax effect of income not subject to tax	X
Tax effect of expenses not deductible for tax purposes	X
Total income tax	X
Additional information about income taxes	text
[834600] Notes - Earnings per share	
Earnings per share [abstract]	
Earnings per share [text block]	text block
Earnings per share(detail) [abstract]	
Description of numerator of basic earnings per share	text
Description of denominator of basic earnings per share	text
Description of numerator of diluted earnings per share	text
Description of denominator of diluted earnings per share	text
Potential ordinary shares not dilutive for period(s) presented, but probable dilutive in subsequent periods	text
Disclosure of significant change in number of ordinary shares or potential outstanding ordinary shares between balance sheet date and financial statement authorized date	text
Additional information about earnings per share [text block]	text block
[830450] Notes - Other comprehensive income	
Other comprehensive income [abstract]	
Other comprehensive income [text block]	text block
Other comprehensive income (detail) [abstract]	

Element	Element Type
Fair value gain/(loss) from available-for-sale financial assets	X
Income tax relating to available-for-sale financial assets	X
Sub-total	X
Cash flow hedges	X
Share of other comprehensive income in associates	X
Differences arising from translation of foreign financial statements	X
Total other comprehensive income	X

[831600] Notes - Notes to consolidated cash flow

Notes to consolidated cash flow [abstract]	
Notes to consolidated cash flow [text block]	text block
Notes to consolidated cash flow (detail) [abstract]	
Reconciliation from net profit to cash flow operating activities [abstract]	
Reconciliation from net profit to cash flow operating activities [table]	table
Consolidated and company [axis]	axis
Consolidated [member]	member
Company [member]	member
Reconciliation from net profit to cash flow operating activities [line items]	line items
Net profit	X
Asset impairment losses	X
Depreciation and depletion of fixed assets and oil and gas properties	X
Amortisation of intangible asset	X
Amortisation of long-term prepaid expenses	X
Dry hole costs	X
Gain (loss) on disposal of fixed assets, oil and gas properties, intangible assets and other long-term assets	X
Changes in fair value profit/loss	X
Finance costs	X
Investment income	X
Deferred tax expenses (decrease)/increase	X
Increase in inventories	X
Increase/(decrease) in operating receivables	X
Increase in operating payables	X
Other	X
Net cash from operating activities	X
Net increase/(decrease) in cash and cash equivalents [abstract]	
Net increase/(decrease) in cash and cash equivalents [table]	table

Element	Element Type
Consolidated and company [axis]	axis
Consolidated [member]	member
Company [member]	member
Net increase/(decrease) in cash and cash equivalents [line items]	line items
Cash, balance at end of period	X
Cash, balance at beginning of period	X
Cash equivalents at end of period	X
Cash equivalents at beginning of period	X
Net (decrease) / increase in cash and cash equivalents	X
Disclosure of cash and cash equivalents [abstract]	
Cash and cash equivalents [table]	table
Consolidated and company [axis]	axis
Consolidated [member]	member
Company [member]	member
Cash and cash equivalents [line items]	line items
Cash	X
Cash equivalents	X
Cash and cash equivalents	X

[835600] Notes - Segment reporting

Segment Reporting [abstract]	
Segment reporting [text block]	text block
Segment reporting (detail) [abstract]	
General information [abstract]	
Considerations to identify reportable segment	text
Types of products and services reported in segment report	text
Accounting policies of measurement for profits or losses, assets and liabilities of reportable segments	text
Information of gain/loss and assets/liabilities of reportable segment [abstract]	
Operating segments [abstract]	
Operating segments [table]	table
Reportable segment's profit/loss, asset and liability [axis]	axis
Reportable segment, types [member]	member
Other reportable segment [member]	member
Operating segments [line items]	line items
Revenue of segment	X
Intersegment revenue	X

Element	Element Type
Revenue from external customers	X
Segment result	X
Unallocated expenses	X
Operating profit	X
Segment assets	X
Other undistributed assets	X
Elimination of intersegment balances of assets	X
Total assets	X
Segment liabilities	X
Other undistributed liabilities	X
Elimination of intersegment balances of liabilities	X
Total liabilities	X
Depreciation, depletion and amortisation	X
Impairment loss	X
Capital expenditure	X
Geographical information [abstract]	
Segment's income from transaction with external parties [abstract]	
Mainland China	X
Other	X
Segment's income from transaction with external parties	X
Non-current assets [abstract]	
Mainland China	X
Other	X
Total non-current assets	X

[837000] Notes - Financial risk management

Financial risk management [abstract]	
Financial risk management [text block]	text block
Financial risk management (detail) [abstract]	
Financial risk [abstract]	
Market risk [abstract]	
Foreign exchange rate risk [abstract]	
Explanation of foreign exchange rate risk	text
Interest rate risk [abstract]	
Explanation of interest rate risk	text
Price risk [abstract]	
Explanation of price risk	text

Element	Element Type
Credit risk [abstract]	
Explanation of credit risk	text
Liquidity risk [abstract]	
Explanation of liquidity risk	text
Capital management [abstract]	
Explanation of capital management	text
Fair value estimation [abstract]	
Explanation of fair value estimation	text

[836600] Notes - Related parties and related party transactions

Related parties and related party transactions [abstract]	
Related parties and related party transactions [text block]	text block
Related parties and related party transactions (detail) [abstract]	
Relationship of related party [abstract]	
Information about related parties controlling enterprise [abstract]	
Related parties controlling enterprise [abstract]	
Related parties controlling enterprise [table]	table
Related parties controlling enterprise [axis]	axis
Related parties controlling enterprise [member]	member
Related parties controlling enterprise [line items]	line items
Type of legal entity of related parties controlling enterprise	text
Related parties controlling enterprise address	text
Related parties controlling enterprise representative	text
Related parties controlling enterprise nature	text
Related parties controlling enterprise, registered capital	text
Related parties controlling enterprise proportion of shareholdings	X.XX
Proportion of voting power of parent company	X.XX
Name of ultimate controlling party of enterprise	text
Additional information about parent company [text block]	text block
Information about related parties controlled by company [text block]	text block
Nature of principal related parties not controlling or controlled by company [abstract]	
Related parties not controlling or controlled by company [table]	table
Related parties not controlling or controlled by company [axis]	axis
Related parties not controlling or controlled by company [member]	member
Nature of related parties not controlled by company [line items]	line items
Relationship of related parties not controlling or controlled by company	text
Related party transaction [abstract]	

Element	Element Type
Pricing policies of related party transactions [text block]	text block
Purchase of goods from related parties [abstract]	
Purchase of goods from related parties [table]	table
Name of related companies from which goods are purchased [axis]	axis
Name of related companies from which goods are purchased [member]	member
Purchase of goods from related parties [line items]	line items
Purchase from related party, amount	X
Sales of goods to related parties [abstract]	
Sales of goods to related parties [table]	table
Name of related companies to which goods are sold [axis]	axis
Name of related companies to which goods are sold [member]	member
Sales of goods to related parties [line items]	line items
Sales to related party, amount	X
Receivables from and payables to related parties, balance [abstract]	
Receivables from and payables to related parties, balance [table]	table
Items of receivables and payables [axis]	axis
Items of receivables and payables [member]	member
Accounts receivable [member]	member
Notes receivable [member]	member
Other receivables [member]	member
Accounts payables [member]	member
Notes payable [member]	member
Other payables [member]	member
Receivables from and payables to related parties, balance [line items]	line items
Receivables from and payables to related parties, balance	X
Guarantees with related parties [abstract]	
Information about guarantees with related parties	text
Key management personnel compensation [abstract]	
Key management personnel compensation	X
Other related party transaction [abstract]	
Other related party transaction [text block]	text block

[813100] Notes - Contingent liabilities

Contingent liabilities [abstract]	
Contingent liabilities [text block]	text block
Contingent liabilities (detail) [abstract]	
Contingent liabilities through other liabilities [abstract]	

Element	Element Type
Description of contingent liabilities through other liabilities	text
Contingent liabilities through environmental liabilities [abstract]	
Description of contingent liabilities through environmental liabilities	text
Contingent liabilities through legal contingencies [abstract]	
Description of contingent liabilities through legal contingencies	text
Other contingent provisions [abstract]	
Information about other provisions	text

[813300] Notes - Commitments

Commitments [abstract]	
Commitments [text block]	text block
Commitments (detail) [abstract]	
Disclosure of operating lease commitments [abstract]	
Future minimum lease payments under non-cancellable operating leases within one year	X
Future minimum lease payments under non-cancellable operating leases between one to two years	X
Future minimum lease payments under non-cancellable operating leases between two to three years	X
Future minimum lease payments under non-cancellable operating leases thereafter	X
Total operating lease commitments	X
Additional information about operating lease commitments [text block]	text block
Disclosure of capital commitments [abstract]	
Authorised and contracted for capital commitments	X
Authorised but not contracted for capital commitments	X
Total capital commitments	X
Additional information about capital commitments [text block]	text block
Disclosure of exploration and production licenses [abstract]	
Exploration and production licenses	X
Estimated exploration and production licenses payments within one year	X
Estimated exploration and production licenses payments between one and two years	X
Estimated exploration and production licenses payments between two and three years	X
Estimated exploration and production licenses payments between three and four years	X
Estimated exploration and production licenses payments between four and five years	X
Estimated exploration and production licenses payments over five years	X

Element	Element Type
Disclosure of other significant commitments [abstract]	
Disclosure of other significant commitments [text block]	text block
[829100] Notes - Events after balance sheet date	
Events after reporting period [abstract]	
Events after reporting period [text block]	text block
Events after reporting period (detail) [abstract]	
Information of events after reporting period	text