



RAILROAD COMMISSION OF TEXAS

1701 N. Congress
P.O. Box 12967

Austin, Texas 78701-2967

Form W-15

Rev. 08/2014

CEMENTING REPORT

Cementer: Fill in shaded areas.
Operator: Fill in other items.

OPERATOR INFORMATION

Operator Name: Continental Resources
Operator P-5 No.: 173777
Cementer Name: Spinnaker Oilfield Services Co
Cementer P-5 No.: 809923

WELL INFORMATION

District No.: 08
Well No.: 0605H
Lease Name: UTL0708E
Field Name: Phantom (Wolfcamp)
County: Ward
API No.: 42-475-38543
Drilling Permit No.: 888291
Lease No.:
Field No.: 71052900

I. CASING CEMENTING DATA

Type of casing: Conductor Surface Intermediate Liner Production
Drilled hole size (in.): 17.5
Depth of drilled hole (ft.): 1070
Est. % wash-out or hole enlargement: 0
Size of casing in O.D. (in.): 13.375
Casing weight (lbs/ft) and grade: 54.5
No. of centralizers used: 0
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES NO If no for surface casing, explain in Remarks.
Setting depth shoe (ft.): 1070
Top of liner (ft.): N/A
Setting depth liner (ft.): N/A
Hrs. waiting on cement before drill-out: 24
Calculated top of cement (ft.): - 0
Cementing date: 4/1/2023

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	655	Class C	Extender, LCM,CC	1303.45	800
2	250	Class C		330	300
Total					1100'

II. CASING CEMENTING DATA

Type of casing: Surface Intermediate Production Tapered production Multi-stage cement shoe Multiple parallel strings
Drilled hole size (in.):
Depth of drilled hole (ft.):
Est. % wash-out or hole enlargement:
Size of casing in O.D. (in.):
Casing weight (lbs/ft) and grade:
No. of centralizers used:
Tapered string drilled hole size (in.)
Upper: Lower:
Tapered string depth of drilled hole (ft.)
Upper: Lower:
Tapered string size of casing in O.D. (in.)
Upper: Lower:
Tapered string casing weight (lbs/ft) and grade
Upper: Lower:
Tapered string no. of centralizers used
Upper: Lower:
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES NO
Setting depth shoe (ft.):
Hrs. waiting on cement before drill-out:
Calculated top of cement (ft.):
Cementing date:

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					

III. CASING CEMENTING DATA

Type of casing: Surface Intermediate Production Tapered production Multi-stage cement/DV tool Multiple parallel strings
Drilled hole size (in.):
Depth of drilled hole (ft.):
Est. % wash-out or hole enlargement:
Size of casing in O.D. (in.):
Casing weight (lbs/ft) and grade:
No. of centralizers used:
Tapered string drilled hole size (in.)
Upper: Lower:
Tapered string depth of drilled hole (ft.)
Upper: Lower:
Tapered string size of casing in O.D. (in.)
Upper: Lower:
Tapered string casing weight (lbs/ft) and grade
Upper: Lower:
Tapered string no. of centralizers used
Upper: Lower:
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES NO
Setting depth tool (ft.):
Hrs. waiting on cement before drill-out:
Calculated top of cement (ft.):
Cementing date:

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					

CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Cementing Date							
Size of hole or pipe (in.)							
Depth to bottom of tubing or drill pipe (ft.)							
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used							
Slurry volume pumped (cu. ft.)							
Calculated top of plug (ft.)							
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)							
Class/type of cement							
Perforate and squeeze (YES/NO)							

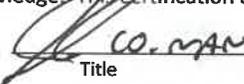
REMARKS

217 BBLs / 468 SKS OF CEMENT TO SURFACE

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

<u>Joshua Searan</u>	<u>Spinnaker Oilfield Services Co</u>	
Name and title of cementer's representative	Cementing Company	Signature
<u>324 N Magnum Ind Rd</u>	<u>Hobbs, NM 88240</u>	<u>405-345-9550</u> <u>4/1/2023</u>
Address	City, State, Zip Code	Tel: Area Code Number Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

<u>TAD CLARK</u>		
Typed or printed name of operator's representative	Title	Signature
Address	City, State, Zip Code	Tel: Area Code Number Date: mo. day yr.

Instructions for Form W-15, Cementing Report

NOTICE: The Form W-15 must be submitted as an attachment to a Form G-1 (Gas Well Back Pressure Test, Completion or Recompletion Report, and Log), Form W-2 (Oil Well Potential Test, Completion or Recompletion Report, and Log), Form W-3 (Plugging Record), or Form W-4 (Application for Multiple Completion), any time cement is pumped in a wellbore.

- A. What to file:** An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form.
The Form W-15 should be filed with the Form W-3, Plugging Record, unless the Form W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.
- B. How to file:** An oil and gas completion report and Form W-15 may be filed online using the Commission's Online System (<https://webapps.rrc.texas.gov/security/login.do>) or a paper copy of the form may be mailed to the Commission in Austin (P.O. Box 12967, Austin, Texas 78711-2967).
- C. Surface casing:** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Groundwater Advisory Unit in Austin. Sufficient cement shall be used to fill the annular space outside the casing from the shoe to the ground surface or to the bottom of the cellar. Before drilling a well, an operator must obtain a letter from the Groundwater Advisory Unit stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.
To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14 ([http://info.sos.state.tx.us/pls/pub/readtac\\$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14](http://info.sos.state.tx.us/pls/pub/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14)). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.
- D. Estimated % wash-out:** If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.
- E. Multi-stage cement:** An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing and Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.
- F. Multiple parallel strings:** An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.
- G. Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.



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Operator Information

Operator Name: CONTINENTAL RESOURCES, INC.

Cementer Name: SCHLUMBERGER TECHNOLOGY CORP.

Operator P-5 No: 173777

Cementer P-5 No: 754900

Address: ATTN: ROBERT SANDBO PO BOX 268870
OKLAHOMA CITY OK 73126

Address: 300 SCHLUMBERGER DR MD 23 SUGAR LAND TX
77478

Date: 03/25/2024

Date: 06/08/2023

Well Information

District No: 08

County: WARD

Well No: 0605H

API No: 47538543

Drilling Permit No: 888291

Lease Name: UTL 0708E

Field Name: PHANTOM (WOLFCAMP)

Lease No: N/A

Field No: 71052900

Casing Cementing Data

Type of casing: Intermediate

Cementing Date : 06/08/2023

Drilled hole size (in.): 17 1/2

Size of casing in O.D.(in): 13 3/8

Depth of drilled hole (ft.): 1070

Hrs. waiting on cement before drill-out: 24

No. of centralizers used : 0

Est. % wash-out or hole enlargement: 0

Top of liner (ft.): N/A

Calculated top of cement (ft.): 0

Setting depth liner (ft.) : N/A

Was cement circulated to ground surface (or bottom of cellar) outside casing? [Yes]

Setting depth shoe (ft): 1070

Casing weight (lbs/ft) and grade: 55 J-55

Multiple parallel strings: No

DV tool not opened: No

Slurry

Slurry # 1 * No. of Sacks: 1518 * Class: TXI * Additives: D049 B697 D013 D020 D208 D042 D130. * Volume (cu. ft.) 4266 * Height (ft.) 10675

Slurry # 2 * No. of Sacks: 183 * Class: C * Additives: D903 D800 D177. * Volume (cu. ft.) 243 * Height (ft.) 1000

Cementing to Squeeze, Plug Back or Plug and Abandon

Remarks

- 7" cement intermediate casing.

Cementer Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision and that the cementing data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers cementing data only.

Company Representative: SILVERIO RUIZ

Representative's Title: FS3

Phone Number: (432) 557-6231

Operator Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report and that data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers all well data.

Operator Representative: Kasey Emrich

Representative's Title: Regulatory Compliance Specialist

Phone Number: (405) 774-5743



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CEMENTING REPORT

Operator Information

Operator Name: CONTINENTAL RESOURCES, INC. Cementer Name: SCHLUMBERGER TECHNOLOGY CORP.

Operator P-5 No: 173777 Cementer P-5 No: 754900
Address: ATTN: ROBERT SANDBO PO BOX 268870 Address: 300 SCHLUMBERGER DR MD 23 SUGAR LAND TX
OKLAHOMA CITY OK 73126 77478
Date: 03/25/2024 Date: 06/22/2023

Well Information

District No: 08 County: WARD
Well No: 0605H API No: 47538543 Drilling Permit No: 888291
Lease Name: UTL 0708E Field Name: PHANTOM (WOLFCAMP)

Lease No: N/A Field No: 71052900

Casing Cementing Data

Type of casing: Liner Cementing Date : 06/22/2023
Drilled hole size (in.): 6 1/8
Size of casing in O.D.(in): 4 1/2 Depth of drilled hole (ft.): 21899
Hrs. waiting on cement before drill-out: N/A No. of centralizers used : 0
Est. % wash-out or hole enlargement: 20 Top of liner (ft.): 11473
Calculated top of cement (ft.): 11473 Setting depth liner (ft.) : 21899
Was cement circulated to ground surface (or bottom of cellar) Setting depth shoe (ft): 21899
outside casing? [Yes] Casing weight (lbs/ft) and grade: 14 P-110-ICY
Multiple parallel strings: No DV tool not opened: No

Slurry

Slurry # 1 * No. of Sacks: 1008 * Class: H * Additives: D909+B721+D065+D800+B389+D167+D047+D177 * Volume (cu. ft.) 1331 * Height (ft.) 11472.72

Cementing to Squeeze, Plug Back or Plug and Abandon

Remarks

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Company Representative: JOSUE MORENO LOZANO Representative's Title: SUPERVISOR
Phone Number: (432) 215-6452

Operator Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report and that data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers all well data.

Operator Representative: Kasey Emrich Representative's Title: Regulatory Compliance Specialist
Phone Number: (405) 774-5743