



# 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

County: Ward

Well No.: 0605H

API No.: 42-475-38543

Drilling Permit No.: 888291

Lease Name: UTL0708E

Lease No.:

Field Name: Phantom (Wolfcamp)

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.):

Top of liner (ft.): N/A

1070

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
3					
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.

Joshua Searan

Spinnaker Oilfield Services Co

Name and title of cementer's representative

Cementing Company

Signature

324 N Magnum Ind Rd

Hobbs, NM 88240

405-345-9550

4/1/2023

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.

TAD CLARK  
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.

- 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.
- 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).
- 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.
- 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.
- 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.
- 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.
- 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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Form W-

1701 N. Congress  
P.O. Box 12967  
Austin, Texas 78701-2967  
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: 06/08/2023

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)      Setting depth shoe (ft): 1070  
outside casing? [Yes]      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 OKLAHOMA CITY OK 73126	Address: 300 SCHLUMBERGER DR MD 23 SUGAR LAND TX 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
	Top of liner (ft.): 11473
Est. % wash-out or hole enlargement: 20	Setting depth liner (ft.) : 21899
Calculated top of cement (ft.): 11473	Setting depth shoe (ft): 21899
Was cement circulated to ground surface (or bottom of cellar) 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	