



RAILROAD COMMISSION OF TEXAS

1701 N. Congress

P.O. Box 12967

Austin, Texas 78701-2967

CEMENTING REPORT

Form W-15

Rev. 08/2014

Cementer: Fill in shaded areas.

Operator: Fill in other items.

OPERATOR INFORMATION

Operator Name: JAGGED PEAK ENERGY, Operator P-5 No.: 429574, Cementer Name: Schlumberger, Cementer P-5 No.: 754900

WELL INFORMATION

District No.: 08, County: Ward, Well No.: 1108H, API No.: 475-38523, Drilling Permit No.: 887331, Lease Name: UTL 1110C, Lease No.: , Field Name: Phantom (Wolfcamp), Field No.: 71052900

I. CASING CEMENTING DATA

Type of casing: Surface (checked), Drilled hole size: 17 1/2, Depth of drilled hole: 1130, Est. % wash-out: 0, Casing weight: 55 J-55, No. of centralizers: 11, Setting depth shoe: 1130, Top of liner: , Setting depth liner: , Hrs. waiting: 24, Calculated top of cement: 0 Surface, Cementing date:

SLURRY

Table with 6 columns: Slurry No., No. of Sacks, Class, Additives, Volume (cu.ft.), Height (ft.). Total volume: 2222.0

II. CASING CEMENTING DATA

Type of casing: Surface, Intermediate, Production, Tapered production, Multi-stage cement shoe, Multiple parallel strings, Drilled hole size, Depth of drilled hole, Est. % wash-out, Casing weight, No. of centralizers, Tapered string drilled hole size, Tapered string depth of drilled hole, Tapered string size of casing in O.D., Tapered string casing weight, Tapered string no. of centralizers used, Was cement circulated to ground surface? (Yes/No), Setting depth tool, Hrs. waiting, Calculated top of cement, Cementing date

SLURRY

Table with 6 columns: Slurry No., No. of Sacks, Class, Additives, Volume (cu.ft.), Height (ft.).

III. CASING CEMENTING DATA

Type of casing: Surface, Intermediate, Production, Tapered production, Multi-stage cement/DV tool, Multiple parallel strings, Drilled hole size, Depth of drilled hole, Est. % wash-out, Casing weight, No. of centralizers, Tapered string drilled hole size, Tapered string depth of drilled hole, Tapered string size of casing in O.D., Tapered string casing weight, Tapered string no. of centralizers used, Was cement circulated to ground surface? (Yes/No), Setting depth tool, Hrs. waiting, Calculated top of cement, Cementing date

SLURRY

Table with 6 columns: Slurry No., No. of Sacks, Class, Additives, Volume (cu.ft.), Height (ft.).

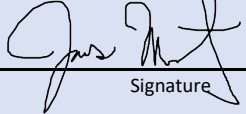
Schlumberger-Private

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

#1: D903 61 WT/SK + B721 28 WT/SK + S001 2% + B697 4%
 #2: D903 94 WT/SK
 #3:
 #4: 230bbl 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>JAMES MARTINEZ, SALES ENGINEER</u>	<u>Schlumberger</u>	
Name and title of cementer's representative	Cementing Company	Signature
<u>7104 W County Rd 116</u>	<u>Midland TX 79706</u>	<u>(432) 681-1100</u>
Address	City, State, Zip Code	Tel: Area Code Number
		<u>April 3, 2024</u>
		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>Kasey Emrich</u>	<u>Regulatory Specialist</u>	
Typed or printed name of operator's representative	Title	Signature
<u>PO Box 268870</u>	<u>OKC, OK 73126</u>	<u>04/14/2024</u>
Address	City, State, Zip Code	Date: mo. day yr.
		Tel: Area Code Number

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.state.tx.us/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 cements 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=&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=&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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Form W-

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Austin, Texas 78701-2967

CEMENTING REPORT

Operator Information

Operator Name: JAGGED PEAK ENERGY LLC

Cementer Name: SCHLUMBERGER TECHNOLOGY CORP.

Operator P-5 No: 429574

Cementer P-5 No: 754900

Address: ATTN ROBERT SANDBO P O BOX 268870

Address: 300 SCHLUMBERGER DR MD 23 SUGAR LAND TX

OKLAHOMA CITY OK 73126

77478

Date: 04/16/2024

Date: 09/07/2023

Well Information

District No: 08

County: WARD

Well No: 1108H

API No: 47538523

Drilling Permit No: 887331

Lease Name: UTL 1110C

Field Name: PHANTOM (WOLFCAMP)

Lease No: N/A

Field No: 71052900

Casing Cementing Data

Type of casing: Intermediate

Cementing Date : 09/07/2023

Drilled hole size (in.): 8 3/4

Size of casing in O.D.(in): 7

Depth of drilled hole (ft.): 11885

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): 11885

Casing weight (lbs/ft) and grade: 29 P-110

Multiple parallel strings: No

DV tool not opened: No

Slurry

Slurry # 1 * No. of Sacks: 1549 * Class: TXI * Additives: D049 100.00 %; B697 6.00 %; D013 0.70 %; D020 10.00 %; D042 5 lb/sk; D130 0 * Volume (cu. ft.) 4430 * Height (ft.) 11066

Slurry # 2 * No. of Sacks: 182 * Class: C * Additives: D903 100.00 %; D800 0.40 %; D047 0.020 gal/sk * Volume (cu. ft.) 242 * Height (ft.) 1080

Cementing to Squeeze, Plug Back or Plug and Abandon

Remarks

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: ADRIANA ALEGRIA

Representative's Title: GFE

Phone Number: (432) 803-4800

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 Specialist

Phone Number: (405) 774-5743



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Operator Information

Operator Name: JAGGED PEAK ENERGY LLC

Cementer Name: SCHLUMBERGER TECHNOLOGY CORP.

Operator P-5 No: 429574

Cementer P-5 No: 754900

Address: ATTN ROBERT SANDBO P O BOX 268870

Address: 300 SCHLUMBERGER DR MD 23 SUGAR LAND TX

OKLAHOMA CITY OK 73126

77478

Date: 04/04/2024

Date: 10/19/2023

Well Information

District No: 08

County: WARD

Well No: 1108H

API No: 47538523

Drilling Permit No: 887331

Lease Name: UTL 1110C

Field Name: PHANTOM (WOLFCAMP)

Lease No: N/A

Field No: 71052900

Casing Cementing Data

Type of casing: Liner

Cementing Date : 10/19/2023

Drilled hole size (in.): 6 1/8

Size of casing in O.D.(in): 4 1/2

Depth of drilled hole (ft.): 22365

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.): 11313

Calculated top of cement (ft.): 11313

Setting depth liner (ft.) : 22365

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

Setting depth shoe (ft): 22365

Casing weight (lbs/ft) and grade: 14 P-110

Multiple parallel strings: No

DV tool not opened: No

Slurry

Slurry # 1 * No. of Sacks: 1009 * Class: H * Additives: D909+B721+D065+D800+B389+D167+D047+D110 * Volume (cu. ft.) 1332 * Height (ft.) 10799.23

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 Specialist

Phone Number: (405) 774-5743