

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISIONFORM W-3
Rev. 12/92 (99)

API No. (if available) 42- 103-36565						1. RRC District 08		
FILE IN DUPLICATE WITH DISTRICT OFFICE OF DISTRICT IN WHICH WELL IS LOCATED WITHIN THIRTY DAYS AFTER PLUGGING								
2. FIELD NAME (as per RRC Records) University 31 west (U. Devonian)				3. Lease Name University morgan			5. Well Number 1	
6. OPERATOR BAM Permian Operating, LLC				6a. Original form W-1's filed in name of: BAM Permian Operating, LLC			10. County Crane	
7. ADDRESS 4416 Briarwood Ave. Suite 110 PMB #53 Midland, TX 79707				6b. Any subsequent W-1's filed in name of:			11. Date Drilling Permit Issued 5/26/2017	
8. Location of well, relative to nearest lease boundaries of lease on which this well is located 660 feet from North line and 660 feet from East line of the University Morgan lease							12. Permit Number 826881	
9a. SECTION, BLOCK and SURVEY 13, 31, ULS				9b. Distance and direction from nearest town in this county 8.7 miles NW of Crane			13. Date Drilling Commenced 7/12/17	
16. Type Well (oil, gas, or dry) Dry		Total Depth 9,222		If multiple completion list all field names and oil lease or gas id no's		Gas ID or Oil Lease #	Oil - O Gas - G	Well #
18. If gas, amt. of cond. on hand at time of plugging								14. Date Drilling Completed 7/29/17
								15. Date Well Plugged 8/1/2017
CEMENTING TO PLUG AND ABANDON DATA:				PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5
*19. Cementing Date				31-Jul	31-Jul	31-Jul	31-Jul	31-Jul
20. Size of Hole or Pipe in which Plug Placed (inches)				7 7/8	7 7/8	7 7/8	7 7/8	8 5/8
21. Depth to Bottom of Tubing or Drill Pipe (ft.)				8927	7208	5413	4114	3101
*22. Sacks of Cement Used (each plug)				45	45	45	45	90
*23. Slurry Volume Pumped (cu. ft.)				53.1	53.1	59.85	59.85	119.7
*24 Calculated top of Plug (ft.)				8770	7061	5236	3937	2751
25 Measured Top of Plug (if tagged) (ft.)								
*26. Slurry Wt. #/Gal.				15.6	15.6	14.8	14.8	14.8
*27. Type Cement				H	H	C	C	C
28. CASING AND TUBING RECORDES AFTER PLUGGING				29. Was any non-drillable material (other than casing) left in this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
SIZE	WT.#/FT.	PUT IN WELL (ft.)	LEFT IN WELL (ft.)	HOLE SIZE (In.)	29a. If answer to above is "Yes" state depth to top of "junk" left in hole and briefly describe non-drillable material. (use reverse side of form if more space is needed.)			
13 3/8"	54.5	817	817	17 1/2"				
8 5/8	32	3747	3742	11				
30. LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS								
FROM		TO		FROM		TO		
FROM		TO		FROM		TO		
FROM		TO		FROM		TO		
FROM		TO		FROM		TO		
FROM		TO		FROM		TO		

I have knowledge that the cementing operations, as reflected by the information found in this form, were performed as indicated by such information.

* Designates items to be completed by Cementing Company. Items not so designated shall be completed by operator.

Eduardo Chapa - Service Supervisor
Signature of Cementer or Authorized RepresentativeO-TEX PUMPING, LLC
Name of Cementing Company

CERTIFICATE:

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Blake morpheus
REPRESENTATIVE OF COMPANYincreasing member
TITLE9/14/17
DatePHONE (432)
A/C242-9851
NUMBER

SIGNATURE: REPRESENTATIVE OF RAILROAD COMMISSION

31. Was well filled with mud-laden fluid, according to the regulations of the Railroad Commission? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		32. How was mud applied? HOLE LOADED, DISPLACED	33. Mud Weight 10.3 LBS/GAL								
34. Total Depth <u>9,222</u> Depth of Deepest Fresh Water <u>800</u>	Other Fresh Water Zones by T.D.W.R. <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">TOP</th> <th style="width: 50%; text-align: center;">BOTTOM</th> </tr> </thead> <tbody> <tr><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td></tr> </tbody> </table>	TOP	BOTTOM	_____	_____	_____	_____	_____	_____	35. Have all abandoned wells on this lease been plugged according to R R C Rules? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 36. If No, Explain	
TOP	BOTTOM										
_____	_____										
_____	_____										
_____	_____										
37. Name and address of cementing company who mixed and pumped cement plugs in this well O-Tex Pumpin LLC 2609 E. I-20 Midland, TX 79706		Date RRC District Office notified of plugging 7/30/2017									
38. Names(s) and address(es) of surface owners of well site <u>University Lands of Texas</u> <u>P.O. Box 553</u> <u>Midland, TX 79702-0533</u> 											
39. Was notice given before plugging to the above? <u>yes</u> FILL IN BELOW FOR DRY HOLES ONLY											
40. For dry holes, this form must be accompanied by either a driller's, electric, radioactivity, or acoustical/sonic log or such log must be released to a commercial log service. <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> Log Attached </div> <div> <input type="checkbox"/> Log released to _____ Date _____ </div> </div> Type Logs: <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <input type="checkbox"/> Driller's <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Radioactivity <input type="checkbox"/> Acoustical / Sonic </div>											
41. Date FORM P-8 (Special Clearance) filed: _____											
42. Amount of oil produced prior to plugging <u>0</u> bbls* File FORM P-1 (Oil Production Report) for month this oil was produced											
<u>R R C USE ONLY</u> Nearest field _____											

REMARKS



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: BAM PERMIAN OPERATING LLC		Operator P-5 No.: 048351			
Cementer Name: O - Tex Pumping, LLC		Cementer P-5 No.: 617021			
WELL INFORMATION					
District No.: 048		County: CRANE			
Well No.: 1		API No.: 42-103-36565		Drilling Permit No.: 826881	
Lease Name: UNIVERSITY MORGAN		Lease No.:			
Field Name: University 31 west (U. Devonia)		Field No.: 92505500			
I. CASING CEMENTING DATA					
Type of Casing: <input type="checkbox"/> Conductor <input checked="" type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Liner <input type="checkbox"/> Production					
Drilled hole size (in.): 17.5		Depth of drilled hole (ft.): 817'		Est. % wash-out or hole enlargement: 20	
Size of casing in O.D. (in.): 13.375		Casing weight (lbs/ft) and grade: 54.5		No. of centralizers used: 8	
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If no for surface casing, explain in Remarks.				Setting depth shoe (ft.): 817'	
				Top of liner (ft.):	
				Setting depth liner (ft.):	
Hrs. waiting on cement before drill-out: 20		Calculated top of cement (ft.): SURFACE		Cementing date: 7/13/2017	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	355	65:35:C	REMARKS 1	639	920
2	235	C	REMARKS 2	317	457
3					
Total	590			956	1377
II. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement shoe <input type="checkbox"/> 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.)		Tapered string depth of drilled hole (ft.)			
Upper:		Lower:		Upper:	
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used	
Upper:		Lower:		Upper:	
Lower:		Lower:		Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES <input type="checkbox"/> NO <input type="checkbox"/>				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: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement/DV tool <input type="checkbox"/> 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.)		Tapered string depth of drilled hole (ft.)			
Upper:		Lower:		Upper:	
Lower:		Lower:		Lower:	
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used	
Upper:		Lower:		Upper:	
Lower:		Lower:		Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES <input type="checkbox"/> NO <input type="checkbox"/>				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					

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

REMARKS 1 6% GEL + 2% CACL2 + 2/10% C-40P + 1/4#/sx CELLOFLAKE

REMARKS 2 2% CACL2 + 2/10% C-40P

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.

JUSTIN SMITH

Name and title of cementer's representative

O-Tex Pumping, LLC

Cementing Company

Signature

2601 E I-20

Midland, TX, 79706

432-686-8559

7/13/2017

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.

Typed or printed name of operator's representative

4416 Briarwood Ave.

Suite 110 PMB #53

Address

Midland, TX 79707

City, State, Zip Code

Title

(432) 242-8551

Tel: Area Code Number

Signature

Date: 7/13/17
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.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 787112967).

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&rj=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&rj=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.



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:	BAM PERMIAN OPERATING, LLC	Operator P-5 No.:	048351
Cementer Name:	O - Tex Pumping, LLC	Cementer P-5 No.:	617021

WELL INFORMATION

District No.:	08	County:	CRANE
Well No.:	#1	API No.:	42-103-36565
Lease Name:	UNIVERSITY MORGAN	Drilling Permit No.:	826881
Field Name:	University 31 West (U. Devonian)	Lease No.:	
		Field No.:	92505500

I. CASING CEMENTING DATA

Type of Casing:	<input type="checkbox"/> Conductor	<input type="checkbox"/> Surface	<input checked="" type="checkbox"/> Intermediate	<input type="checkbox"/> Liner	<input type="checkbox"/> Production
Drilled hole size (in.):	11"	Depth of drilled hole (ft.):	3747'	Est. % wash-out or hole enlargement:	20%
Size of casing in O.D. (in.):	8-5/8"	Casing weight (lbs/ft) and grade:	32# J-55	No. of centralizers used:	23
Was cement circulated to ground surface (or bottom of cellar) outside casing?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Setting depth shoe (ft.):	3747	Top of liner (ft.):	
	If no for surface casing, explain in Remarks.	Setting depth liner (ft.):			
Hrs. waiting on cement before drill-out:	22	Calculated top of cement (ft.):	SURFACE	Cementing date:	7/18/2017

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	655	50:50:C	REMARKS 1	1604.7	4312.6
2	200	CLASS C	REMARKS 2	268	1059.6
3					
Total	855			1872.7	5372.2

II. CASING CEMENTING DATA

Type of casing:	<input type="checkbox"/> Surface	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Production	<input type="checkbox"/> Tapered production	<input type="checkbox"/> Multi-stage cement shoe	<input type="checkbox"/> 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.)		Tapered string depth of drilled hole (ft.)				
Upper:	Lower:	Upper:	Lower:			
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used		
Upper:	Lower:	Upper:	Lower:	Upper:	Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing?	YES <input type="checkbox"/> NO <input type="checkbox"/>	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:	<input type="checkbox"/> Surface	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Production	<input type="checkbox"/> Tapered production	<input type="checkbox"/> Multi-stage cement/DV tool	<input type="checkbox"/> 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.)		Tapered string depth of drilled hole (ft.)				
Upper:	Lower:	Upper:	Lower:			
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used		
Upper:	Lower:	Upper:	Lower:	Upper:	Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing?	YES <input type="checkbox"/> NO <input type="checkbox"/>	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					

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							
REMARKS 1: 10% GEL + 1/4#/SX CELLO FLAKE + 2/10% C-40P + 5% SALT							
REMARKS 2: 1% CACL2 + 2/10% C-40P							
CIRCULATED A TOTAL OF 31 BARRELS OF CEMENT TO SURFACE (71 SACKS)							

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.

MAURICIO LOZANO-SERVICE SUPERVISOR

Name and title of cementer's representative

O-Tex Pumping, LLC

Cementing Company

Signature

2601 E I-20

Midland, TX, 79706

Address

City, State, Zip Code

432-686-8559

Tel: Area Code Number

7/18/2017

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.

Blake Morphen

Typed or printed name of operator's representative

managing member

Title

Signature

4416 Briarwood Ave.
Suite 110 PMB #53

Address

Midland, TX 79707

City, State, Zip Code

432-242-8851

Tel: Area Code Number

7/14/2017

Date: mo. day yr.

Instructions for Form W-15, Cementing Report

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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.



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: BAM PERMIAN OPERATION		Operator P-5 No.: 048351			
Cementer Name: O-TEX Pumping, LLC		Cementer P-5 No.: 617021			
WELL INFORMATION					
District No.: 08		County: CRANE			
Well No.: #1		API No.: 42-103-36565		Drilling Permit No.: 826881	
Lease Name: UNIVERSITY MORGAN		Lease No.:			
Field Name: University 31 west (u. Devonian)		Field No.: 92505500			
I. CASING CEMENTING DATA					
Type of casing:	<input type="checkbox"/> Conductor	<input type="checkbox"/> Surface	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Liner	<input type="checkbox"/> Production
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:		
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO If no for surface casing, explain in Remarks.			Setting depth shoe (ft.):		Top of liner (ft.):
			Setting depth liner (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					
II. CASING CEMENTING DATA					
Type of casing:	<input type="checkbox"/> Surface	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Production	<input type="checkbox"/> Tapered production	<input type="checkbox"/> Multi-stage cement shoe <input type="checkbox"/> 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.)		Tapered string depth of drilled hole (ft.)			
Upper:	Lower:	Upper:	Lower:		
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used	
Upper:	Lower:	Upper:	Lower:	Upper:	Lower:
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>			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:	<input type="checkbox"/> Surface	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Production	<input type="checkbox"/> Tapered production	<input type="checkbox"/> Multi-stage cement/DV tool <input type="checkbox"/> 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.)		Tapered string depth of drilled hole (ft.)			
Upper:	Lower:	Upper:	Lower:		
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used	
Upper:	Lower:	Upper:	Lower:	Upper:	Lower:
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>			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					

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	7/31/2017	7/31/2017	7/31/2017	7/31/2017	7/31/2017	8/1/2017	8/1/2017
Size of hole or pipe (in.)	7-7/8"	7-7/8"	7-7/8"	7-7/8"	8-5/8"	8-5/8"	8-5/8"
Depth to bottom of tubing or drill pipe (ft.)	8927	7218	5413	4114	3101	1858	787
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used	45	45	45	45	90	35	40
Slurry volume pumped (cu. ft.)	53.1	53.1	59.85	59.85	119.7	46.55	54
Calculated top of plug (ft.)	8770	7061	5236	3937	2751	1858	789
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)	15.6	15.6	14.8	14.8	14.8	14.8	14.8
Class/type of cement	CLASS H	CLASS H	CLASS C	CLASS C	CLASS C	CLASS C	CLASS C
Perforate and squeeze (YES/NO)							
REMARKS							
Plug #8 in 8 5/8" casing = 10 sacks used, 13.3 cuft. 3' top of plug - 13' bottom of drill string.							

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.

EDUARDO CHAPA / SUPERVISOR

Name and title of cementer's representative

O-Tex Pumping, LLC

Cementing Company

Signature

2601 E I-20

Midland, TX, 79706

432-686-8559

8/1/2017

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.

Blake morphew
Typed or printed name of operator's representative

4416 Briccwood Ave,
suite 110 PMB#53

Address

Midland, TX 79707
City, State, Zip Code

Managing member
Title

432-242-8851
Tel: Area Code Number

Signature

9/14/17
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.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 787112967).

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&ri=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&ri=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.