



RAILROAD COMMISSION OF TEXAS

Form W-2

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

Status: Approved
Date: 03/20/2017
Tracking No.: 167304

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT, AND LOG

OPERATOR INFORMATION

Operator Name: ELEVATION RESOURCES LLC Operator No.: 247756
Operator Address: 200 N LORAIN STE 1010 MIDLAND, TX 79701-0000

WELL INFORMATION

API No.: 42-003-47364 County: ANDREWS
Well No.: 2H RRC District No.: 08
Lease Name: UNIVERSITY 9-28 WEST UNIT Field Name: EMMA (DEVONIAN)
RRC Lease No.: 48305 Field No.: 28899166
Location: Section: 28, Block: 9, Survey: UL, Abstract: U264

Latitude: Longitude:
This well is located 11 miles in a SOUTH-SOUTHWEST
direction from ANDREWS, TEXAS,
which is the nearest town in the county.

FILING INFORMATION

Purpose of filing: Initial Potential
Type of completion: New Well
Well Type: Producing Completion or Recompletion Date: 11/01/2016

Type of Permit Date Permit No.
Permit to Drill, Plug Back, or Deepen 06/01/2016 815962
Rule 37 Exception
Fluid Injection Permit
O&G Waste Disposal Permit
Other:

COMPLETION INFORMATION

Spud date: 08/04/2016 Date of first production after rig released: 11/01/2016
Date plug back, deepening, recompletion, or drilling operation commenced: 08/04/2016 Date plug back, deepening, recompletion, or drilling operation ended: 10/26/2016
Number of producing wells on this lease in this field (reservoir) including this well: 1 Distance to nearest well in lease & reservoir (ft.): 0.0
Total number of acres in lease: 221.38 Elevation (ft.): 3170 GR
Total depth TVD (ft.): 10922 Total depth MD (ft.): 17611
Plug back depth TVD (ft.): 10922 Plug back depth MD (ft.): 17585
Was directional survey made other than inclination (Form W-12)? Yes Rotation time within surface casing (hours): 120.0
Is Cementing Affidavit (Form W-15) attached? Yes
Recompletion or reclass? No Multiple completion? No
Type(s) of electric or other log(s) run: Gamma Ray (MWD)
Electric Log Other Description:
Location of well, relative to nearest lease boundaries Off Lease : Yes
of lease on which this well is located: 2405.0 Feet from the North Line and
400.0 Feet from the West Line of the
UNIVERSITY 9-28 WEST UNIT Lease.

FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.

Field & Reservoir Gas ID or Oil Lease No. Well No. Prior Service Type

PACKET: N/A

W2:	N/A		
FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:			
GAU Groundwater Protection Determination		Depth (ft.):	1650.0
SWR 13 Exception		Depth (ft.):	

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION			
Date of test: 01/03/2017		Production method: Pumping	
Number of hours tested: 24		Choke size:	
Was swab used during this test? No		Oil produced prior to test: 11010.00	
PRODUCTION DURING TEST PERIOD:			
Oil (BBLS): 365.00		Gas (MCF): 416	
Gas - Oil Ratio: 1139		Flowing Tubing Pressure:	
Water (BBLS): 3142			
CALCULATED 24-HOUR RATE			
Oil (BBLS): 365.0		Gas (MCF): 416	
Oil Gravity - API - 60.: 41.8		Casing Pressure:	
Water (BBLS): 3142			

CASING RECORD											
Row	Type of Casing	Casing Size (in.)	Hole Size (in.)	Setting Depth (ft.)	Multi - Stage Depth (ft.)	Multi - Stage Shoe Depth (ft.)	Cement Class	Cement Amount (sacks)	Slurry Volume (cu. ft.)	Top of Cement (ft.)	TOC Determined By
1	Surface	13 3/8	17 1/2	1686			CLASS "C"	1460	2708.2	0	Circulated to Surface
2	Intermediate	9 5/8	12 1/2	6740	2738		CLASS "H"	2600	5744.0	2738	Calculation
3	Intermediate	9 5/8	12 1/2	6740			CLASS "H"	1600	3324.0	0	Calculation
4	Intermediate	7	8 3/4	11079	6558		TRANSTE X MULTI H	1200	2688.0	6558	Circulated to Surface
5	Intermediate	7	8 3/4	11079			TRANSTE X MULTI H	625	1276.0	0	Circulated to Surface

LINER RECORD									
Row	Liner Size (in.)	Hole Size (in.)	Liner Top (ft.)	Liner Bottom (ft.)	Cement Class	Cement Amount (sacks)	Slurry Volume (cu. ft.)	Top of Cement (ft.)	TOC Determined By
1	4 1/2	6 1/4	9908	17611	TRANSTEX ULTRA "C"	600	1032.0	9908	Calculation

TUBING RECORD			
Row	Size (in.)	Depth	Size (ft.)
1	2 7/8	9200	/

PRODUCING/INJECTION/DISPOSAL INTERVAL			
Row	Open hole?	From (ft.)	To (ft.)
1	No	L1 11126	17574.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.				
Was hydraulic fracturing treatment performed?		Yes		
Is well equipped with a downhole actuation sleeve?		No		
		If yes, actuation pressure (PSIG):		
Production casing test pressure (PSIG) prior to hydraulic fracturing treatment:		Actual maximum pressure (PSIG) during hydraulic fracturing:		
8500		8393		
Has the hydraulic fracturing fluid disclosure been reported to FracFocus disclosure registry (SWR29)?		Yes		
Row	Type of Operation	Amount and Kind of Material Used		Depth Interval (ft.)
1	Fracture	PLEASE SEE FRAC FOCUS FOR DATAILS		11126 17574
2	Cement Squeeze	400 SX CL H" CMT PLUG TO ABDN STUCK CSG.		5021 5450

FORMATION RECORD					
Formations	Encountered	Depth TVD (ft.)	Depth MD (ft.)	Is formation isolated?	Remarks
YATES	Yes	2960.0	2960.0	Yes	ESTIMATED - NOT LOGGED
SEVEN RIVERS	Yes	3070.0	3070.0	Yes	ESTIMATED - NOT LOGGED
QUEEN	Yes	4250.0	4250.0	Yes	ESTIMATED - NOT LOGGED
GRAYBURG	Yes	4410.0	4410.0	Yes	ESTIMATED - NOT LOGGED
SAN ANDRES - CO2 FLOOD, HIGH FLOWS, H2S, CORROSIVE HOLT	Yes	4520.0	4520.0	Yes	ESTIMATED - NOT LOGGED
	No			No	NOT GEOLOGICALLY PRESENT
GLORIETA	Yes	5025.0	5025.0	Yes	ESTIMATED - NOT LOGGED
TUBB	No			No	NOT GEOLOGICALLY PRESENT
CLEARFORK	Yes	5513.0	5513.0	Yes	
PERMIAN DETRITAL	No			No	NOT GEOLOGICALLY PRESENT
LEON	No			No	NOT GEOLOGICALLY PRESENT
WICHITA ALBANY	Yes	7572.0	7572.0	Yes	
SPRABERRY	No			No	NOT GEOLOGICALLY PRESENT
DEAN	No			No	NOT GEOLOGICALLY PRESENT
WOLFCAMP	Yes	8565.0	8565.0	Yes	
CANYON	No			No	NOT GEOLOGICALLY PRESENT
PENNSYLVANIAN	Yes	8924.0	8924.0	Yes	
MCKEE	No			No	NOT DRILED DEEP ENOUGH
STRAWN	Yes	9148.0	9148.0	Yes	
FUSSELMAN	No			No	NOT DRILED DEEP ENOUGH
DEVONIAN	Yes	10527.0	10564.0	Yes	
SILURIAN	No			No	NOT DRILED DEEP ENOUGH
ELLENBURGER	No			No	NOT DRILED DEEP ENOUGH
Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm (SWR 36)?					No
Is the completion being downhole commingled (SWR 10)?					No

REMARKS
KOP @ 10,319'

RRC REMARKS	
PUBLIC COMMENTS: [RRC Staff 2017-01-12 15:22:24.623] EDL=6412 feet, max acres=260	
CASING RECORD :	
TUBING RECORD:	
PRODUCING/INJECTION/DISPOSAL INTERVAL :	
ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. : CMT PLUG SET @ 5450' TO ABDN CSG STUCK IN ORIG. WELLBORE. MIDLAND RRC OFFICE (MARK) APPROVED PLAN. SIDETRACKED WELLBORE TO FINISH DRILLING.	
POTENTIAL TEST DATA:	

OPERATOR'S CERTIFICATION	
Printed Name: Curtis Flanagan	Title: Eng. Tech
Telephone No.: (432) 688-3380	Date Certified: 03/09/2017



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:	Elevation Resources		Operator P-5 No.:	247756		
Cementer Name:	TRANS TEX CEMENTING SERVICES, LLC		Cementer P-5 No.:	864412		
WELL INFORMATION						
District No.:	08		County:	Andrews		
Well No.:	#2H		API No.:	42-003-47364	Drilling Permit No.:	815962
Lease Name:	University 9-28 West Unit		Lease No.:			
Field Name:	EMMA (Devonien)		Field No.:	28899166		
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 1/2"		Depth of drilled hole (ft.):	1716'		
Size of casing in O.D. (in.):	13 3/8"		Casing weight (lbs/ft) and grade:	54.5 # J-55		
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.):	1686'		
Hrs. waiting on cement before drill-out: 24+			Calculated top of cement (ft.):	0		
			Cementing date:	8/5/2016		
SLURRY						
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)	
1	1135	Class C	Remark 1	2165.5	3117	
2	325	Class C	Remark 2	542.75	781	
3						
Total	1460			2708.25	3898	
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 sh	<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:		
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/DVT	<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:		
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							
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							
Remark 1: 2#/sk Phenoseal + 2#/sk Gisonite + 1/4#/sk Celloflake + 4/10% CFL-1							
Remark 2: 2#/sk Phenoseal + 2#/sk Gisonite + 1/4#/sk Celloflake + 2/10% CFR-1							

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.

Alvaro Sandoval - Service Supervisor
Name and title of cementer's representative

TRANS TEX CEMENTING
Cementing Company

Alvaro Sandoval
Signature

5019 BASIN ST

MIDLAND, TX 79703

432-694-4900

8/5/2016

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.

Jason Kincoid

Drilling Engineer

[Signature]
Signature

Typed or printed name of operator's representative

Title

Signature

200 N. Lerone, Ste 1010, Midland, TX 79701

432-6883381

8/7/16

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.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 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_loc=&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_loc=&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.



RAILROAD COMMISSION OF TEXAS

1701 N. Congress
P.O. Box 12957
Austin, Texas 78701-2957

CEMENTING REPORT

Form W-15

Rev. 08/2014

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

OPERATOR INFORMATION

Operator Name:	Elevation Resources	Operator P-5 No.:	247756
Cementor Name:	TRANS TEX CEMENTING SERVICES, LLC	Cementor P-5 No.:	864412

WELL INFORMATION

District No.:	08	County:	Andrews
Well No.:	#2H	API No.:	42-003-47364
Lease Name:	University 9-28	Drilling Permit No.:	815962
Field Name:	Emma (Devonien)	Lease No.:	
		Field No.:	28899166

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.):
Hrs. waiting on cement before drill-out:	Calculated top of cement (ft.):	Setting depth liner (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 checked="" type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement BV <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:
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" 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	2200	Class H	Remark 1	5324	16998
2	400	Class H	Remark 2	420	1341
3					
Total	2600			5744	18339

III. CASING CEMENTING DATA

Type of casing:	<input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input checked="" type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement BV <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:
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" 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	1200	Class H	Remark 3	2904	9272
2	400	Class H	Remark 4	420	1341
3					
Total	1600			3324	10613



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CEMENTING REPORT

Form W-15

Rev. 08/2014

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

OPERATOR INFORMATION					
Operator Name: ELEVATION		Operator P-5 No.: 247756			
Cementor Name: TRANS TEX CEMENTING SERVICES, LLC		Cementor P-5 No.: 864412			
WELL INFORMATION					
District No.: 08		County: ANSREWS			
Well No.: #2H		API No.: 42-003-47364		Drilling Permit No.: 815962	
Lease Name: UNIVERSITY 9-28		Lease No.:			
Field Name: Emma (Devonish)		Field No.: 28899166			
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.):	
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 checked="" type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input checked="" type="checkbox"/> Multi-stage cement sh <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.): 8 3/4"		Depth of drilled hole (ft.): 11109'		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.): 7"		Casing weight (lbs/ft) and grade: 26# HCL-80		No. of centralizers used: 20	
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 checked="" type="checkbox"/> NO <input type="checkbox"/>		Setting depth shoe (ft.): 11079'			
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.): 6558'		Cementing date: 8/29/2016	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	1000	TRANSTEXMULTI H	SEE REMARKS	2420	16101
2	200	TRANSTEXMULTI H	SEE REMARKS	248	1650
3					
Total	1200			2668	17751
III. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input checked="" type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input checked="" type="checkbox"/> Multi-stage cement/DV <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.): 8 3/4"		Depth of drilled hole (ft.): 11109'		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.): 7"		Casing weight (lbs/ft) and grade: 26# HCL-80		No. of centralizers used: 20	
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 checked="" type="checkbox"/> NO <input type="checkbox"/>		Setting depth shoe (ft.): 6558'			
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.): 0		Cementing date: 8/30/2016	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	425	TRANSTEXMULTI H	SEE REMARKS	1028	6842
2	200	TRANSTEXMULTI H	SEE REMARKS	248	1650
3					
Total	625			1276	8492

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							
1ST AND 2ND STAGE LEAD 10%GEL,1/4#CF,1.5#PHENO,1.5#GILS,3%SALT,.4%CF-1,.2%CFR-1,.2%CR-1,.05%CAS-1 //							
1ST AND 2ND STAGE TAIL 2%GEL,3%SALT,1/4#CF,2/10%CR-1,2/10%CFR-1,3/10%CF-1							
GOT 95 BBLs OF CMT TO SURFACE ON 1ST STAGE = TO 145 SKS							
GOT 34 BBLs OF CMT ON 2ND STAGE TO SURFACE = TO 78 SKS							

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.

JUAN GARCIA CEMENTER

Name and title of cementer's representative

TRANS TEX CEMENTING

Cementing Company

Signature

5019 BASIN ST

Address

MIDLAND, TX 79703

City State, Zip Code

432-694-4900

Tel: Area Code

Number

8/30/2016

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.

Jason Kincaid

Typed or printed name of operator's representative

Drilling Engineer

Title

Signature

200 N. Loring, Ste 1010, Midland, TX 79701

Address

City State, Zip Code

432-688-3381

Tel: Area Code

Number

9/2/16

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/readac\\$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rt=14](http://info.sos.state.tx.us/pls/pub/readac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rt=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

CEMENTING REPORT

Form W-15

Rev. 08/2014

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

OPERATOR INFORMATION					
Operator Name: ELEVATION RESOURCES		Operator P-5 No.: 297756			
Cementor Name: TRANS TEX CEMENTING SERVICES, LLC		Cementor P-5 No.: 864412			
WELL INFORMATION					
District No.: 08		County: ANDREWS			
Well No.: 2 H		API No.: 42-003-47364		Drilling Permit No.: 815962	
Lease Name: UNIVERSITY 9-28		Lease No.:			
Field Name: Emma (Devonian)		Field No.: 28899166			
I. CASING CEMENTING DATA					
Type of casing:	<input type="checkbox"/> Conductor	<input type="checkbox"/> Surface	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Liner	<input checked="" type="checkbox"/> Production
Drilled hole size (in.): 6 1/4"	Depth of drilled hole (ft.): 17.611'		Est. % wash-out or hole enlargement:		
Size of casing in O.D. (in.): 4 1/2"	Casing weight (lbs/ft) and grade: 11.6# P-110		No. of centralizers used:		
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If no for surface casing, explain in Remarks.		Setting depth shoe (ft.): 17.611'	Top of liner (ft.): 9908'		
Hrs. waiting on cement before drill-out: 24f		Calculated top of cement (ft.): 9908'	Cementing date: 9/14/2016		
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	600	ULTRA "C"	SEE REMARKS	1032	10058
2					
3					
Total	600			1032	
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 slurry
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 slurry
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							
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							
.75%CR-1, .75%CH-1, 2/10%CH-4, .15%CAS-1, 1/8# CFILOFLAKE							

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.

J. GALVAN CEMENTER

Name and title of cementer's representative

TRANS TEX CEMENTING

Cementing Company

Signature

5019 BASIN ST

MIDLAND, TX 79703

432-694-4900

9/14/2016

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

Consultant

Title

Signature

200 N. Loring, Ste 1010, Midland, TX 79701

Address

City, State, Zip Code

432-653-0403

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 (<http://webapps.tn.state.tx.us/security/login.do>) or a paper copy of the form may be mailed to the Commission in Austin (P.O. Box 12567, Austin, Texas 78712-2567).

- 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 FATH 14 (http://info.tn.state.tx.us/pls/pub/reaction?seqTabPage=3&app=56&_af=56p_dloc=&p_dloc=&p_ploc=&p_ploc=&seqTabPage=11&p_tec=&ti=14&pe=15&ch=38&n=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 IL 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 IL Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DW 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

CEMENTING REPORT

Form W-15

Rev. 08/2014

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

OPERATOR INFORMATION					
Operator Name: Elevation Resources		Operator P-5 No.: 247756			
Cementer Name: TRANS TEX CEMENTING SERVICES, LLC		Cementer P-5 No.: 864412			
WELL INFORMATION					
District No.: 08		County: Andrews			
Well No.: #2H		API No.: 42-003-47364		Drilling Permit No.: B15962	
Lease Name: University 9-28		Lease No.:			
Field Name: Emma (Devonian)		Field No.: 288199166			
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 checked="" type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement slurry <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 checked="" type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement/DVT <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 checked="" 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	8/14/2016						
Size of hole or pipe (in.)	12-1/4"						
Depth to bottom of tubing or drill pipe (ft.)	5450'						
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used	400						
Slurry volume pumped (cu. ft.)	420						
Calculated top of plug (ft.)	5450						
Measured top of plug, if tagged (ft.)	5021'						
Slurry weight (lbs/gal)	16.5						
Class/type of cement	Class H						
Perforate and squeeze (YES/NO)	No						
REMARKS							
Remark 1: 1/10%CR-1, 1%CFR-1, 2/10%CFR-1 1/4#/sk Celloflake							

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.

Alvaro Sandoval - Service Supervisor
Name and title of cementer's representative

TRANS TEX CEMENTING
Cementing Company

Alvaro Sandoval
Signature

5019 BASIN ST
Address MIDLAND, TX 79703
City, State, Zip Code

432-694-4900
Tel: Area Code Number

8/14/2016
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.

Jason Kincaid
Typed or printed name of operator's representative

Drilling Engineer
Title

Jason
Signature

200 N. Lorraine, Ste 1010, Midland TX 79701
Address City, State, Zip Code

432-688-3381
Tel: Area Code Number

8/16/16
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&r=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&r=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.

Tracking No.: 167304

This facsimile L-1 was generated electronically from data submitted to the RRC.

Instructions

When to File Form L-1:

- with Forms G-1, W-2, and GT-1 for new and deepened gas, oil, and geothermal wells
- with Form W-3 for plugged dry holes
- when sending in a log which was held under a request for confidentiality and the period for confidentiality has not yet expired.

When is Form L-1 NOT required:

- with Forms W-2, G-1, and GT-1 filed for injection wells, disposal wells, water supply wells, service wells, re-test wells, re-classifications, and plugbacks of oil, gas or geothermal wells
- with Form W-3 for plugging of other than a dry hole

Where to File Form L-1:

- with the appropriate Commission district office

Filling out Form L-1:

- Section I and the signature section must be filled out for all wells
- complete only the appropriate part of Section II

Type of log required:

- any wireline survey run for the purpose of obtaining lithology, porosity, or resistivity information
- no more than one such log is required but it must be of the subject well
- if such log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

SECTION I. IDENTIFICATION

Operator Name: ELEVATION RESOURCES LLC	District No. 08	Completion Date: 11/01/2016
Field Name EMMA (DEVONIAN)	Drilling Permit No. 815962	
Lease Name UNIVERSITY 9-28 WEST UNIT	Lease/ID No. 48305	Well No. 2H
County ANDREWS	API No. 42- 003-47364	

SECTION II. LOG STATUS (Complete either A or B)

☐ A. BASIC ELECTRIC LOG NOT RUN☒ B. BASIC ELECTRIC LOG RUN. (Select one)

- ☒ 1. Confidentiality is requested and a copy of the header for each log that has been run on the well is attached.
- ☐ 2. Confidentiality already granted on basic electric log covering this interval (applicable to deepened wells only).
- ☐ 3. Basic electric log covering this interval already on file with Commission (applicable to deepened wells only).
- ☐ 4. Log attached to (select one):

☐ (a) Form L-1 (this form). If the company/lease name on log is different from that shown in Section I, please enter name on log here: _____

Check here if attached log is being submitted after being held confidential. ☐

☐ (b) Form P-7, Application for Discovery Allowable and New Field Designation.

☐ (c) Form W-4, Application for Multiple Completion:

Lease or ID No(s). _____

Well No(s). _____

Curtis Flanagan

Signature

ELEVATION RESOURCES LLC

Name (print)

Eng. Tech

Title

(432) 688-3380

Phone

01/11/2017

Date

-FOR RAILROAD COMMISSION USE ONLY-

Company: Elevation Resources
 Well Name: University 9-28 West Unit 2H ST1
 API: 42-003-47364
 County/Parish: Andrews
 State: Texas
 Country: USA
 Job number: MDM0816013
 Field: Lowe/Emma
 Rig Id: Savanna 801
 Survey Company: Legacy Directional Drilling
 MWD Operator 1 Paul Foreman
 MWD Operator 2 Steve LeJeune
 MWD Operator 3 Zach Lofties
 MWD Operator 4 Jeremy Bobo

Log measurements: Gamma, ROP
 Depth measured from: DF ft
 Maximum temperature: 183

Depth	Date
Start: 5060 ft	08/10/16
End: 17611 ft	09/12/16

Casing	Depth	Size
Surface:	1630 ft	13 3/8"
Intermediate:	6740 ft	9 5/8"
Intermediate2:	11079 ft	7"

Mud Type: WBM / OBM
 Density: 9.15
 Viscosity: 86
 Rm: Rmf: Rmc:

Elevations
 KB: 3170 ft
 GL: 3200 ft
 DF: 30 ft

Run	Bit Size	Offsets		Depths		Dates	
		Gamma	Survey	Start	End	Start	End
1	12.25"	52.67 ft	64.47 ft	5060 ft	5498 ft	08/14/2016 08:00	08/18/2016 14:15
2	12.25"	51.94 ft	63.74 ft	5498 ft	6947 ft	08/18/2016 16:00	08/20/2016 09:00
3	12.25"	47.52 ft	59.32 ft	6947 ft	7140 ft	08/20/2016 10:45	08/21/2016 16:00
4	8.75"	48.54 ft	60.34 ft	7140 ft	8395 ft	08/23/2016 06:00	08/24/2016 20:00
5	8.75"	48.54 ft	60.34 ft	8395 ft	10224 ft	08/24/2016 20:30	08/26/2016 10:00
6	8.75"	43.28 ft	55.08 ft	10224 ft	11108 ft	08/26/2016 11:15	08/28/2016 03:30
7	6.25"	39.40 ft	51.20 ft	11108 ft	11305 ft	08/31/2016 07:45	09/01/2016 15:30
8	6.25"	35.78 ft	47.58 ft	11305 ft	15476 ft	09/01/2016 19:00	09/09/2016 16:30
9	6.25"	40.81 ft	52.61 ft	15476 ft	17611 ft	09/09/2016 18:30	09/12/2016 23:45
10							

CERTIFICATE OF COMPLIANCE AND TRANSPORTATION AUTHORITY

P-4

This facsimile P-4 was generated electronically from data submitted to the RRC.

A certification of the automated data is available in the RRC's Austin office.

Tracking No.: 167304

1. Field name exactly as shown on proration schedule EMMA (DEVONIAN)		2. Lease name as shown on proration schedule UNIVERSITY 9-28 WEST UNIT					
3. Current operator name exactly as shown on P-5 Organization Report ELEVATION RESOURCES LLC		4. Operator P-5 no. 247756	5. Oil Lse/Gas ID no 48305	6. County ANDREWS	7. RRC district 08		
8. Operator address including city, state, and zip code 200 N LORAIN STE 1010 MIDLAND, TX 79701		9. Well no(s) (see instruction E) 2H					
12. Purpose of Filing. (Complete section a or b below.) (See instructions B and G) a. Change of: <input type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> gas gatherer <input type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code <input type="checkbox"/> field name from _____ <input type="checkbox"/> lease name from _____ --- OR --- b. New RRC Number for: <input checked="" type="checkbox"/> oil lease <input type="checkbox"/> gas well Due to: <input checked="" type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> other well (specify) _____ <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only)		10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)		11. Effective Date 11/01/2016			
13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). (See instruction G).							
Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left (Attach an additional sheet in same format if more space is needed)			Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
X	X	JAMES LAKE MIDSTREAM LLC(429665)			0001	100.0	
14. Authorized OIL or CONDENSATE Gatherer(s). (See instruction G).							
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First (Attach an additional sheet in same format if more space is needed)						Percent of Take	
SUNOCO PTNRS. MKTG.&TERMINALS LP(829626)						100.0	
RRC USE ONLY: Reviewer's initials: <u>RRC Staff</u> Approval date: <u>03/20/2017</u>							
15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.							
Name of Previous Operator _____ Name (print) _____ Title _____				Signature <input type="checkbox"/> Authorized Employee of previous operator <input type="checkbox"/> Authorized agent of previous operator (see instruction G) _____ Date _____ Phone with area code _____			
16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.							
ELEVATION RESOURCES LLC Name (print) <u>Eng. Tech</u> Title <u>cflanagan@elevationres.com</u> E-mail Address (optional)				Curtis Flanagan Signature <input checked="" type="checkbox"/> Authorized Employee of current operator <input type="checkbox"/> Authorized agent of current operator (see instruction G) _____ Date <u>01/11/2017</u> Phone with area code <u>(432) 688-3380</u>			

CERTIFICATE OF POOLING AUTHORITY

Revised 05/2001

P-12

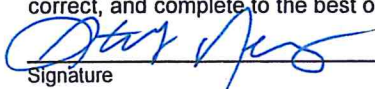
1. Field Name(s) Emma (Devonian)	2. Lease/ID Number (if assigned)	3. RRC District Number 08
4. Operator Name Elevation Resources LLC	5. Operator P-5 Number 247756	6. Well Number 2H
7. Pooled Unit Name University 9-28 West Unit	8. API Number	9. Purpose of Filing <input checked="" type="checkbox"/> Drilling Permit (W-1) <input type="checkbox"/> Completion Report
10. County Andrews	11. Total acres in pooled unit 221.38	

DESCRIPTION OF INDIVIDUAL TRACTS CONTAINED WITHIN THE POOLED UNIT

TRACT/PLAT IDENTIFIER	TRACT NAME	ACRES IN TRACT (See inst. #7 below)	INDICATE UNDIVIDED INTERESTS	
			UNLEASED	NON-POOLED
1	Tract 1	80.40	<input type="checkbox"/>	<input type="checkbox"/>
2	Tract 2	40.28	<input type="checkbox"/>	<input type="checkbox"/>
3	Tract 3	100.70	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

CERTIFICATION:

I declare under penalties prescribed pursuant to the Sec. 91.143, Texas Natural Resources Code, that I am authorized to make the foregoing statements and that the information provided by me or under my direction on this Certificate of Pooling Authority is true, correct, and complete to the best of my knowledge.



Stewart Newton

Signature

Print Name

Consultant

05/25/2016

(512) 480-8800

Title

E-mail (if available)

Date

Phone

INSTRUCTIONS — Reference: Statewide Rules 31, 38 and 40

- When two or more tracts are pooled to form a unit to obtain a drilling permit, file completion paperwork, or reform a pooled unit pursuant to Rule 38(d)(3) the operator must file an original Certificate of Pooling Authority and certified plat.
- The certified plat shall designate each tract with an outline and a tract identifier. The tract identifier on the plat shall correspond to the tract identifier and associated information listed on the Certificate.
- If within an individual tract, a non-pooled and/or unleased interest exists, indicate by checking the appropriate box.
- If the Purpose of Filing is to obtain a drilling permit, in box #1 list all applicable fields separately or enter "All Fields" if the Certificate pertains to all fields requested on Form W-1.
- If the Purpose of Filing is to file completion paperwork, enter the applicable field name in box #1 for the completion.
- Identify the drill site tract with an * to the left of the tract identifier.
- The total number of acres in the pooled unit in #11 should equal the total of all acres in the individual tracts listed.

Clear Form

STATEMENT OF PRODUCTIVITY OF ACREAGE
ASSIGNED TO PRORATION UNITS

Form P-15

Tracking No.: 167304

This facsimile P-15 was generated electronically
from data submitted to the RRC.

The undersigned states that he is authorized to make this statement; that he has knowledge of the facts concerning the ELEVATION RESOURCES LLC ,

OPERATOR

UNIVERSITY 9-28 WEST UNIT

LEASE

No. 2H

WELL

; that such well is

completed in the EMMA (DEVONIAN) Field, ANDREWS County,

Texas and that the acreage claimed, and assigned to such well for proration purposes as

authorized by special rule and as shown on the attached certified plat embraces _____

221.38 acres which can reasonably be considered to be productive of hydrocarbons.

- 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,

Date 03/20/2017 Signature Curtis Flanagan

Telephone (432) 688-3380 Title Eng. Tech
AREA CODE

**GROUNDWATER PROTECTION DETERMINATION**

Form GW-2

Groundwater Advisory Unit**Date Issued:** 31 May 2016**GAU Number:** 155608**Attention:** ELEVATION RESOURCES LLC
200 N LORAIN STE 1010
MIDLAND, TX 79701**API Number:**
County: ANDREWS
Lease Name: University 9-28 West Unit**Operator No.:** 247756**Lease Number:**
Well Number: 2H
Total Vertical Depth: 15000
Latitude: 32.161017
Longitude: -102.594053
Datum: NAD27**Purpose:** New Drill**Location:** Survey-UL; Abstract-U264; Block-9; Section-28

To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Railroad Commission of Texas recommends:

The interval from the land surface to a depth of 250 feet, and the zone from 1200 to 1650 feet must be protected.

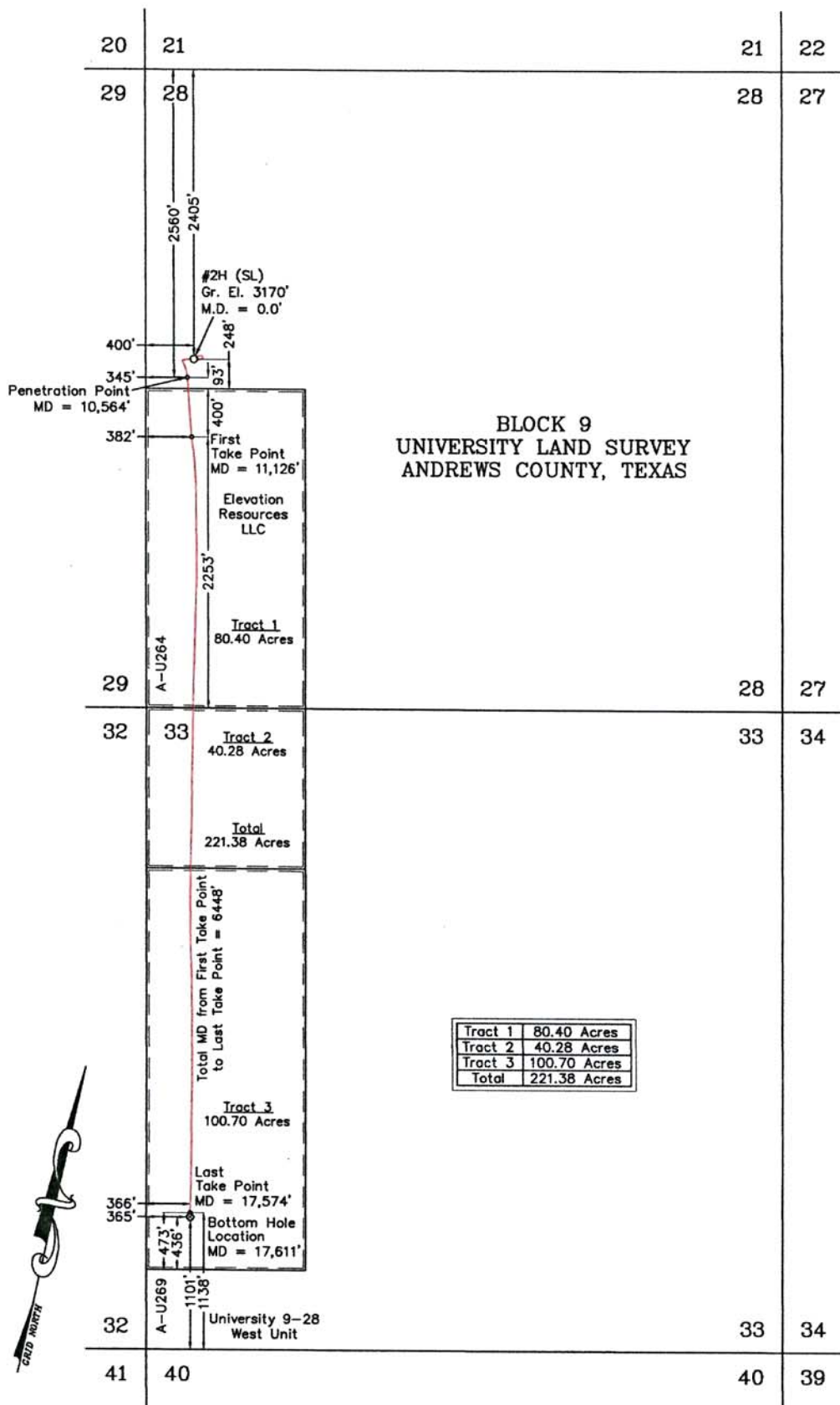
This recommendation is applicable to all wells within a radius of 200 feet of this location.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. This recommendation is for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).

This determination is based on information provided when the application was submitted on 05/27/2016. If the location information has changed, you must contact the Groundwater Advisory Unit, and submit a new application if necessary. If you have questions, please contact us at 512-463-2741 or gau@rrc.texas.gov.

Groundwater Advisory Unit, Oil and Gas Division

Form GW-2 P.O. Box 12967 Austin, Texas 78771-2967 512-463-2741 Internet address: www.rrc.texas.gov
Rev. 02/2014



BLOCK 9
UNIVERSITY LAND SURVEY
ANDREWS COUNTY, TEXAS

Tract 1	80.40 Acres
Tract 2	40.28 Acres
Tract 3	100.70 Acres
Total	221.38 Acres

Coordinate Table		Geodetic (D.M.S.)		Geodetic (D.D.)	
Description	Plane Coordinates	Latitude	Longitude	Latitude	Longitude
University 9-28 West Unit #2H	X = 424,122.78 Y = 218,063.86	32°09'38.59" N	102°59'40.5282" W	32.16101599° N	102.99405282° W
Surface Location	X = 424,102.11 Y = 217,901.09	32°09'38.74" N	102°59'40.9405" W	32.16056633° N	102.99409405° W
Penetration Point	X = 424,246.03 Y = 217,428.48	32°09'38.04" N	102°59'35.552" W	32.15928792° N	102.9935552° W
First Take Point	X = 425,626.15 Y = 211,147.48	32°08'32.02" N	102°58'11.874" W	32.14222881° N	102.969811874° W
University 9-28 West Unit #2H	X = 425,633.42 Y = 211,111.20	32°08'31.66" N	102°58'08.962" W	32.1422817° N	102.96808962° W
Last Take Point					
University 9-28 West Unit #2H					
Bottom Hole Location					

- NOTE:
- 1) Plane Coordinates and Bearings shown hereon are Lambert Grid and Conform to the "Texas Coordinate System", Texas Central Zone, North American Datum of 1927. Distances shown hereon are mean horizontal surface values.
 - 2) Geodetic Coordinate shown hereon references the North American Datum of 1927, (Clarke Spheroid of 1866). Reference Stations - "ODESSA RRP2" - CORS (DF5393), "SAN ANGELO RRP" - CORS (DF7477) and "JAYTON" - CORS (AF9637).
 - 3) See information filed in the office of this Surveyor which describes the reconstruction of this Section.

Prepared From Survey Dated:
March 30, 2016

The University 9-28 West Unit #2H
is located approximately 11 miles
South-Southwest of Andrews, Texas.

Downhole Path based on Survey Report
provided by Elevation resources, LLC
dated September 12, 2016

LEGEND

- (SL)○ - Denotes Proposed Surface Well Location
- - Denotes Proposed Take Points
- (BHL)⊗ - Denotes Proposed Bottom Hole Location
- - - - Denotes Lease Line
- - - - Denotes Downhole Directional Path

1000 0 1000 2000
Graphic Scale in Feet

I HEREBY CERTIFY THAT THIS PLAT WAS MADE
FROM NOTES TAKEN IN THE FIELD IN A BONA FIDE
SURVEY MADE UNDER MY SUPERVISION.

11-04-16

LINDSAY GYGAX
J. FRANK NEWMAN

TEXAS R.P.L.S. No. 6434
TEXAS R.P.L.S. No. 5011

STATE OF TEXAS
REGISTERED
LINDSAY GYGAX
6434
PROFESSIONAL
LAND SURVEYOR

SURVEYORS - ENGINEERS - PLANNERS
FIRM REGISTRATION NUMBER: 100682-00
110 W. LOUISIANA AVE., SUITE 110
MIDLAND, TEXAS 79701
(432) 687-0865 - FAX (432) 687-0868

WEST COMPANY
Land Surveyors & Civil Engineers

ELEVATION RESOURCES LLC

UNIVERSITY 9-28 WEST UNIT #2H
DOWNHOLE REPORT

Crossing
Sections 28 and 33, Block 9
University Land Survey
Andrews County, Texas

Drawn By: SC	Date: November 4, 2016
Scale: 1"=1000'	Field Book: 627 / 16-19
Revision Date:	Quadrangle: Clobber Hill Ranch
W.O. No: 2016-0171-1	Dwg. No.: 2016-0171-1