



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 03/29/2016
Tracking No.: 152042

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.: 42-003-47243 County: ANDREWS
Well No.: 2H RRC District No.: 08
Lease Name: UNIVERSITY 1-28A UNIT Field Name: EMMA (DEVONIAN)
RRC Lease No.: 47407 Field No.: 28899166
Location: Section: 28, Block: 1, Survey: UL, Abstract: U28

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: 01/14/2016

Type of Permit	Date	Permit No.
Permit to Drill, Plug Back, or Deepen	09/03/2015	809404
Rule 37 Exception		0298045
Fluid Injection Permit		
O&G Waste Disposal Permit		
Other:		

COMPLETION INFORMATION

Spud date: 11/06/2015	Date of first production after rig released: 01/14/2016
Date plug back, deepening, recompletion, or drilling operation commenced: 11/06/2015	Date plug back, deepening, recompletion, or drilling operation ended: 12/10/2015
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: 201.76	Elevation (ft.): 3141 GR
Total depth TVD (ft.): 11169	Total depth MD (ft.): 17212
Plug back depth TVD (ft.): 11026	Plug back depth MD (ft.): 17156
Was directional survey made other than inclination (Form W-12)? Yes	Rotation time within surface casing (hours): 96.0
Recompletion or reclass? No	Is Cementing Affidavit (Form W-15) attached? Yes
Type(s) of electric or other log(s) run: Gamma Ray (MWD)	Multiple completion? No
Electric Log Other Description:	
Location of well, relative to nearest lease boundaries	Off Lease : No
of lease on which this well is located: 163.0 Feet from the South Line and 510.0 Feet from the West Line of the UNIVERSITY 1-28A 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
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PACKET: N/A

W2:	N/A
FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:	
GAU Groundwater Protection Determination	Depth (ft.): 1550.0 Date: 08/13/2015
SWR 13 Exception	Depth (ft.):

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION	
Date of test: 03/09/2016	Production method: Pumping
Number of hours tested: 24	Choke size:
Was swab used during this test? No	Oil produced prior to test: 15849.00
PRODUCTION DURING TEST PERIOD:	
Oil (BBLs): 398.00	Gas (MCF): 1235
Gas - Oil Ratio: 3103	Flowing Tubing Pressure:
Water (BBLs): 1148	
CALCULATED 24-HOUR RATE	
Oil (BBLs): 398.0	Gas (MCF): 1235
Oil Gravity - API - 60.: 47.0	Casing Pressure:
Water (BBLs): 1148	

CASING RECORD											
Row	Type of Casing	Casing Size (in.)	Hole Size (in.)	Setting Depth (ft.)	Multi - Stage Depth (ft.)	Multi - 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	1618			TRANSTE X LITE "C"	1450	2699.0	0	Circulated to Surface
2	Intermediate	7	8 3/4	11385			TRANSTE X MULTI H	825	1722.0	6781	Calculation
3	Intermediate	7	8 3/4	11385	6781		TRANSTE X MULTI H	625	1238.0	0	Calculation

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 1/8	10531	17206	TRANSTEX ULTRA	460	791.0	10531	Calculation	

TUBING RECORD			
Row	Size (in.)	Depth	Size (ft.)
1	2 7/8	10382	

PRODUCING/INJECTION/DISPOSAL INTERVAL			
Row	Open hole?	From (ft.)	To (ft.)
1	No	L1 11420	16724.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.			
Was hydraulic fracturing treatment performed?	No		
Is well equipped with a downhole actuation sleeve?	No	If yes, actuation pressure (PSIG):	
Production casing test pressure (PSIG) prior to hydraulic fracturing treatment:	9000	Actual maximum pressure (PSIG) during hydraulic fracturing:	8850
Has the hydraulic fracturing fluid disclosure been reported to FracFocus disclosure registry (SWR29)?	No		
Row	Type of Operation	Amount and Kind of Material Used	Depth Interval (ft.)

FORMATION RECORD					
Formations	Encountered	Depth TVD (ft.)	Depth MD (ft.)	Is formation isolated?	Remarks
YATES	Yes	3125.0	3125.0	Yes	ESTIMATED - NO LOG
SEVEN RIVERS	Yes	3350.0	3350.0	Yes	ESTIMATED - NO LOG
QUEEN	Yes	3745.0	3745.0	Yes	ESTIMATED - NO LOG
GRAYBURG	Yes	4785.0	4785.0	Yes	ESTIMATED - NO LOG
SAN ANDRES - CO2 FLOOD, HIGH FLOWS, H2S, CORROSIVE HOLT	Yes	4920.0	4920.0	Yes	ESTIMATED - NO LOG
	No			No	NOT GEOLOGICALLY PRESENT
GLORIETA	Yes	5730.0	5730.0	Yes	ESTIMATED - NO LOG
TUBB	No			No	NOT GEOLOGICALLY PRESENT
CLEARFORK	Yes	6615.0	6615.0	Yes	ESTIMATED - NO LOG
PERMIAN DETRITAL	No			No	NOT GEOLOGICALLY PRESENT
LEON	No			No	NOT GEOLOGICALLY PRESENT
WICHITA ALBANY	Yes	7760.0	7760.0	Yes	ESTIMATED - NO LOG
SPRABERRY	No			No	NOT GEOLOGICALLY PRESENT
DEAN	No			No	NOT GEOLOGICALLY PRESENT
WOLFCAMP	Yes	8430.0	8430.0	Yes	ESTIMATED - NO LOG
CANYON	No			No	NOT GEOLOGICALLY PRESENT
PENNSYLVANIAN	Yes	8590.0	8590.0	Yes	ESTIMATED - NO LOG
MCKEE	No			No	WELL NOT DRILLED DEEP ENOUGH
STRAWN	Yes	9710.0	9710.0	Yes	
FUSSELMAN	No			No	WELL NOT DRILLED DEEP ENOUGH
DEVONIAN	Yes	11007.0	11007.0	Yes	
SILURIAN	No			No	WELL NOT DRILLED DEEP ENOUGH
ELLENBURGER	No			No	WELL NOT DRILLED 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 @ 10,650' TVD

RRC REMARKS	
PUBLIC COMMENTS: [RRC Staff 2016-03-29 11:52:33.791] EDL=5304 feet, max acres=240	
CASING RECORD :	
TUBING RECORD:	
PRODUCING/INJECTION/DISPOSAL INTERVAL :	
ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :	
POTENTIAL TEST DATA:	

OPERATOR'S CERTIFICATION	
Printed Name: Curtis Flanagan	Title: Eng. Tech
Telephone No.: (432) 688-3380	Date Certified: 03/09/2016



RAILROAD COMMISSION OF TEXAS

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

Form W-15

Rev. 08/2014

CEMENTING REPORT

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.: 42-003-47243		Drilling Permit No.: 809404	
Lease Name: UNIVERSITY 1-28		Lease No.:			
Field Name: Emma (Devonian)		Field No.:			
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.):	1635'	
Size of casing in O.D. (in.):	13 5/8"		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.):	1618'	
Hrs. waiting on cement before drill-out: 24+			Calculated top of cement (ft.):	0'	
Cementing date:			11/7/2015		
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	1135	TRANS-TEX LITE "C"	SEE REMARKS	2156	3104
2	325	TRANS-TEX LITE "C"	SEE REMARKS	543	781
3					
Total	1450			2699	3885
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 <input type="checkbox"/> Multiple parallel strings
Drilled hole size (in.):			Depth of drilled hole (ft.):		
Size of casing in O.D. (in.):			Casing weight (lbs/ft) and grade:		
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		
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 <input type="checkbox"/> Multiple parallel strings
Drilled hole size (in.):			Depth of drilled hole (ft.):		
Size of casing in O.D. (in.):			Casing weight (lbs/ft) and grade:		
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		
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

2#/SK PHENO, 2#/SK GILS, 1/4# CF, 2/10%CFR-2
2#/SK PHENO, 2#/SK GILS, 1/4# CF, 2/10%CFR-1

CIRCULATE CEMENT TO SURFACE 113 BBLS OR 334 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.

JOSE L. REYNOSO 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

11/7/2015

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

11/11/15

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.

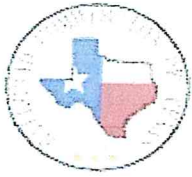
To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14 ([http://info.sos.state.tx.us/pls/pub/readac\\$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14](http://info.sos.state.tx.us/pls/pub/readac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14)). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

D. **Estimated % wash-out:** If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.

E. **Multi-stage cement:** An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing and Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.

F. **Multiple parallel strings:** An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.

G. **Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.



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CEMENTING REPORT

Form W-15

Rev. 08/2014

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

OPERATOR INFORMATION

Operator Name: ELEVATION Operator P-5 No.: 247756
Cementer Name: TRANS TEX CEMENTING SERVICES, LLC Cementer P-5 No.: 864412

WELL INFORMATION

District No.: 08 County: ANSREWS
Well No.: #2H API No.: 42-003-47243 Drilling Permit No.: 8009404
Lease Name: UNIVERSITY 1-28 Lease No.:
Field Name: Emma (Devonian) Field No.:

I. CASING CEMENTING DATA

Type of Casing: ☐ Conductor ☐ Surface ☐ Intermediate ☐ Liner ☐ 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? ☐ YES ☐ 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:
Setting depth liner (ft.):

SLURRY

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

II. CASING CEMENTING DATA

Type of casing: ☐ Surface ☒ Intermediate ☐ Production ☒ Tapered production ☐ Multi-stage cement ☐ Multiple parallel strings
Drilled hole size (in.): 8 7/8" Depth of drilled hole (ft.): 11,424' Est. % wash-out or hole enlargement:
Size of casing in O.D. (in.): 5" Casing weight (lbs/ft) and grade: 26# HCL-80 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? ☐ YES ☒ NO
Hrs. waiting on cement before drill-out: 24+ Calculated top of cement (ft.): 6781' DV 100 Cementing date: 11/21/2015
Setting depth shoe (ft.): 11,385'

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	625	TRANSTEXMULTI H	SEE REMARKS	1512	10059
2	200	CLASS H	SEE REMARKS	210	1397
3					
Total	825			1722	11456

III. CASING CEMENTING DATA

Type of casing: ☐ Surface ☒ Intermediate ☐ Production ☒ Tapered production ☐ Multi-stage cement/DV ☐ Multiple parallel strings
Drilled hole size (in.): 8 7/8" Depth of drilled hole (ft.): 11,424' 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:
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? ☐ YES ☒ NO
Hrs. waiting on cement before drill-out: 24+ Calculated top of cement (ft.): 0' Cementing date: 11/21/2015
Setting depth shoe (ft.): 6781'

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	425	TRANSTEXMULTI H	SEE REMARKS	1028	6839
2	200	CLASS H	SEE REMARKS	210	1397
3					
Total	625			1238	8236

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 LEAD 10%GEL,1/4#CF,1.5#PHENO,1.5#GILS,3%SALT,4%CFL-1,2%CFR-1,2%CR-1,.05%CAS-1 // GOT 30BBLs OF CMT ABOVE DVTOOL = TO 70 SKS							
1ST TAIL 1/4#CF,3%CFL-1,1%CFR-3,25%CR-1,							
2 ND STAGE LEAD 10%GEL,1/4#CF,1.5#PHENO,1.5#GILS,3%SALT,3%CFL-1,1%CAS-1							
2ND STAGE .2%CR-1, 1/4#CF,1%CFR-1 // GOT 10 BBLs OF CMT TO SURFACE							

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

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

11/22/2015

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.

Juan Kincaid

Typed or printed name of operator's representative

Drilling Engineer

Title

Signature

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

Address

City, State, Zip Code

432-888-3381

Tel: Area Code

Number

11/25/15

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 78712967).

C. **Surface casing:** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Groundwater Advisory Unit in Austin. Sufficient cement shall be used to fill the annular space outside the casing from the shoe to the ground surface or to the bottom of the cellar. Before drilling a well, an operator must obtain a letter from the Groundwater Advisory Unit stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14

([http://info.sos.state.tx.us/pls/pub/readtac\\$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14](http://info.sos.state.tx.us/pls/pub/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14)). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

D. **Estimated % wash-out:** If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.

E. **Multi-stage cement:** An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing and Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.

F. **Multiple parallel strings:** An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.

G. **Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.



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.:	42-003-47243
Lease Name:	UNIVERSITY 1-28	Drilling Permit No.:	809404
Field Name:	Emma (Devonien)	Lease No.:	
		Field No.:	

I. CASING CEMENTING DATA

Type of Casing:	<input type="checkbox"/> Conductor <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input checked="" type="checkbox"/> Liner <input type="checkbox"/> Production				
Drilled hole size (in.):	6 1/8"	Depth of drilled hole (ft.):	17,212'	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	Setting depth shoe (ft.):		Top of liner (ft.):	10,531'
If no for surface casing, explain in Remarks:		Setting depth liner (ft.):	17,206'		
Hrs. waiting on cement before drill-out:	24+	Calculated top of cement (ft.):	10,531'	Cementing date:	12/7/2015

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	460	TRANSTEXULTRA	SEE REMARKS	791	7709
2					
3					
Total	460				

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 <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 checked="" type="checkbox"/> NO	Setting depth shoe (ft.):			
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:	

SLURRY

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

III. CASING CEMENTING DATA

Type of casing:	<input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement/DV <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 checked="" type="checkbox"/> NO	Setting depth shoe (ft.):			
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:	

SLURRY

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

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							
.7%CR-1,,.75%CF-1,,.2%CFR-4,,.15%CAS-1,3%SALT,1/8#CF							

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

12/7/2015

Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, 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. Lorraine, Ste 1010, Midland TX 79701

Address City, State, Zip Code

432-688-3351

Tel: Area Code Number

12/10/15

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&rl=14](http://info.sos.state.tx.us/pls/pub/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14)). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

D. Estimated % wash-out: If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.

E. Multi-stage cement: An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing and Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.

F. Multiple parallel strings: An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.

G. Slurry data: If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.

Tracking No.: 152042

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: 01/14/2016
Field Name EMMA (DEVONIAN)	Drilling Permit No. 809404	
Lease Name UNIVERSITY 1-28A UNIT	Lease/ID No. 47407	Well No. 2H
County ANDREWS	API No. 42- 003-47243	

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

03/09/2016

Date

-FOR RAILROAD COMMISSION USE ONLY-

~Version Information

VERS. 2.0 :CWLS LOG ASCII STANDARD - VERSION 2.0
 WRAP. NO :ONE LINE PER DEPTH STEP

#MNEM .UNIT DATA INFORMATION

#-----

~Well Information Block

STRT	.F	9500.00	:Start Depth
STOP	.F	17214.00	:Stop Depth
STEP	.F	1.00	:Step Value
NULL	.	-9999.0	:Null Value
COMP	.	Elevation Resources	:COMPANY
WELL	.	University 1-28 Unit 2H	:WELL
FLD	.	Devonian	:FIELD
LOC	.	Andrews	:LOCATION
CNTY	.	Andrews	:COUNTY
STAT	.	Texas	:STATE
CTRY	.	USA	:COUNTRY
SRVC	.	Legacy Directional Drilling	:SERVICE COMPANY
DATE	.	11/09/15	:LOG DATE
API	.	42-003-47243	:API NUMBER
ELEVDF	.F	25	:Elevation DF
ELEVGL	.F	3141	:Elevation GL

MNEM .UNIT DATA INFORMATION

#-----

~Curve Information

DEP	.F	:Depth
DEP	.0	:Depth
GR	.AAPI	:Gamma
ROP	.0	:ROP

DEP DEP GR ROP

#-----

1. Field name exactly as shown on proration schedule EMMA (DEVONIAN)				2. Lease name as shown on proration schedule UNIVERSITY 1-28A 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 47407		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) (<i>see instruction E</i>) 2H							
				10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (<i>see instruction A</i>)							
12. Purpose of Filing. (Complete section a or b below.) (<i>See instructions B and G</i>)											
<p>a. Change of:</p> <div style="display: flex; justify-content: space-between;"> <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 </div> <div style="margin-top: 5px;"> <input type="checkbox"/> field name from _____ <input type="checkbox"/> lease name from _____ </div> <hr style="border-top: 1px dashed black; margin: 5px 0;"/> <p>b. New RRC Number for:</p> <div style="display: flex; justify-content: space-between;"> <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 </div> <div style="margin-top: 5px;"> <input type="checkbox"/> other well (specify) _____ <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only) </div>											
13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). (<i>See instruction G.</i>)											
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	DCP MIDSTREAM, LP(195918)						0001	50.0		
X	X	JAMES LAKE MIDSTREAM LLC(429665)						0001	50.0		
14. Authorized OIL or CONDENSATE Gatherer(s). (<i>See instruction G.</i>)											
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		
BRIDGER TRANSPORTATION, LLC(091157)									50.0		
PERMIAN TRANSPORT & TRADING(655838)									50.0		
RRC USE ONLY: Reviewer's initials: <u>RRC Staff</u> Approval date: <u>03/29/2016</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 (<i>see instruction G</i>) 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.											
<u>ELEVATION RESOURCES LLC</u> Name (print) <u>Eng. Tech</u> Title <u>cflanagan@elevationres.com</u> E-mail Address (optional)					<u>Curtis Flanagan</u> Signature <input checked="" type="checkbox"/> Authorized Employee of current operator <input type="checkbox"/> Authorized agent of current operator (<i>see instruction G</i>) <u>03/09/2016</u> <u>(432) 688-3380</u> Date Phone with area code						

CERTIFICATE OF POOLING AUTHORITY

Revised 05/2001

P-12

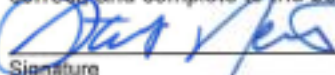
1. Field Name(s) All Fields	2. Lease/ID Number (if assigned)	3. RRC District Number 08
4. Operator Name Elevation Resources, LLC	5. Operator P-S Number 247756	6. Well Number 2H
7. Pooled Unit Name University 1-28A Unit	8. API Number	9. Purpose of Filing <input checked="" type="checkbox"/> Drilling Permit (W-1) <input type="checkbox"/> Completion Report
10. County Andrews	11. Total acres in pooled unit 201.7625	

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	40.3875	<input type="checkbox"/>	<input type="checkbox"/>
2	Tract 2	80.6875	<input type="checkbox"/>	<input type="checkbox"/>
3	Tract 3	80.6875	<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

Regulatory Consultant

stewart.newton@pghengineers.com

08/12/2015

(512) 617-3081

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.

STATEMENT OF PRODUCTIVITY OF ACREAGE
ASSIGNED TO PRORATION UNITS

Form P-15

Tracking No.: 152042

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 1-28A UNIT

LEASE

No. 2H ; that such well is

WELL

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 _____

201.76 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 03/29/2016 Signature Railroad Commission of Texas

Telephone (512) 463-6975 Title RRC Staff
AREA CODE



GROUNDWATER PROTECTION DETERMINATION

Form GW-2

Groundwater Advisory Unit

Date: 13 August 2015

GAU Number:

13354

Attention: ELEVATION RESOURCES LLC

200 N LORAIN STE 1010

MIDLAND, TX 79701

P-5#: 247756

API Number:

County:

ANDREWS

Lease Name:

University 1-28A Unit

RRC Lease Number:

Well Number:

2H

Total Vertical Depth:

15000

Latitude:

32.169383

Longitude:

-102.507843

Datum:

NAD27

Purpose: New Drill

Location: Survey-UL; Abstract-U28; Block-1; 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 1000 to 1550 feet must be protected.

This recommendation is applicable for all wells drilled in this Section 28 on this lease.

This determination is based on information provided when the application was submitted on 08/12/2015. 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

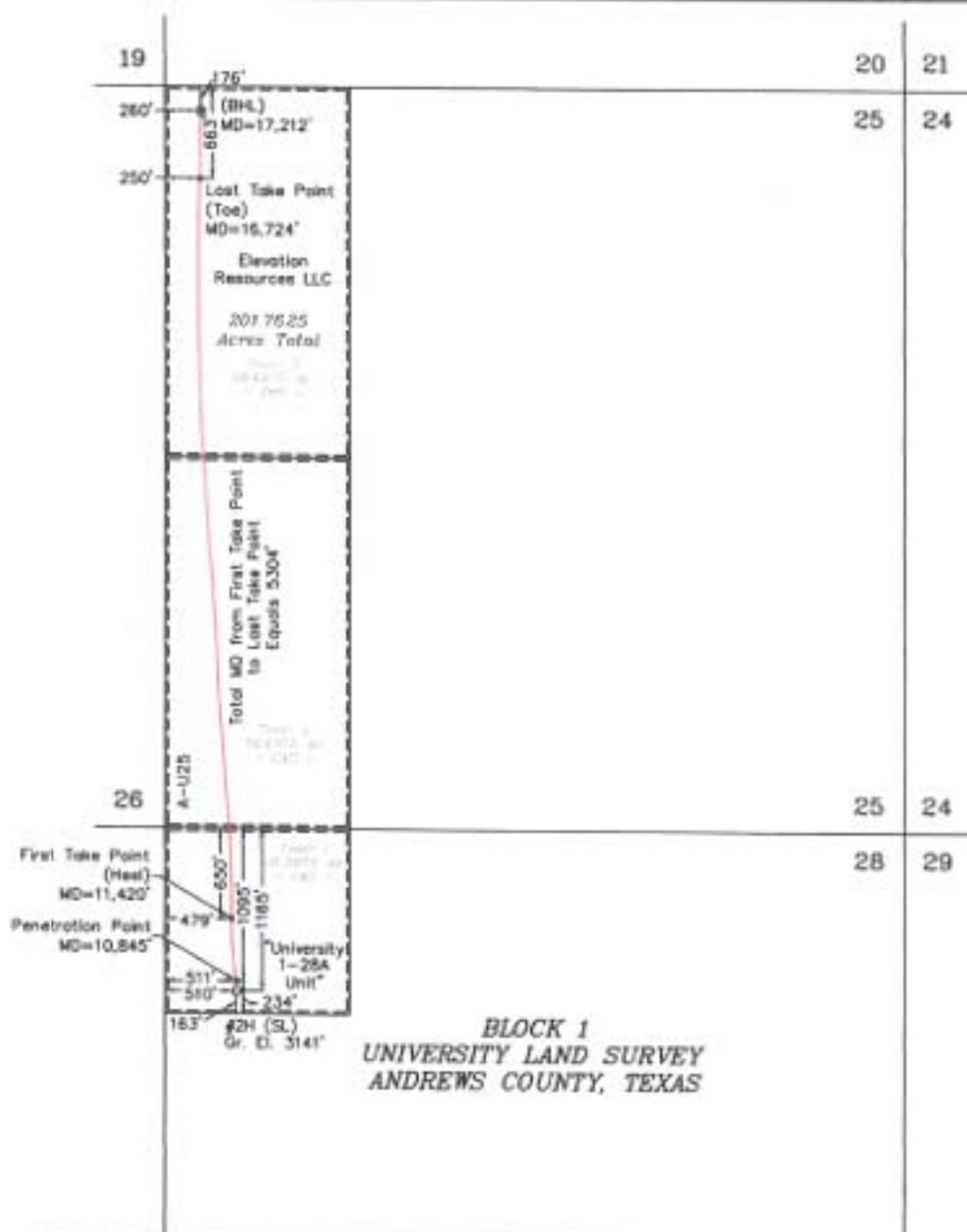
Form GW-2

P.O. Box 12967 Austin, Texas 78771-2967

512-463- 2741

Rev. 02/2014

Internet address: www.rrc.texas.gov



**BLOCK 1
UNIVERSITY LAND SURVEY
ANDREWS COUNTY, TEXAS**

Coordinate Table			
Description	Plane Coordinates	Geodetic Coordinates	Geodetic Coordinates (NAD 83)
University 1-28A Unit #2H Surface Location	X = 450,917.2 Y = 219,821.6	Longitude = 102°30'28.22" W Latitude = 32°10'09.77" N	Longitude = 102°30'29.79" W Latitude = 32°10'10.17" N
University 1-28A Unit #2H Penetration Point	X = 450,903.1 Y = 219,890.6	Longitude = 102°30'28.43" W Latitude = 32°10'10.45" N	Longitude = 102°30'29.99" W Latitude = 32°10'10.85" N
University 1-28A Unit #2H First Take Point (Heel)	X = 450,775.4 Y = 220,317.8	Longitude = 102°30'30.16" W Latitude = 32°10'14.61" N	Longitude = 102°30'31.71" W Latitude = 32°10'15.01" N
University 1-28A Unit #2H Lost Take Point (Toe)	X = 449,405.4 Y = 225,435.3	Longitude = 102°30'48.92" W Latitude = 32°11'04.55" N	Longitude = 102°30'50.47" W Latitude = 32°11'04.95" N
University 1-28A Unit #2H Bottom Hole Location	X = 449,309.0 Y = 225,912.9	Longitude = 102°30'50.30" W Latitude = 32°11'09.22" N	Longitude = 102°30'51.88" W Latitude = 32°11'09.62" N

- 1) Plane Coordinates and Bearings shown hereon are Lambert Grid and Conform to the "Texas Coordinate System", Texas North Central Zone, North American Datum of 1927. Distances shown hereon are mean horizontal surface values.
- 2) Geodetic Coordinates, unless otherwise shown hereon, references the North American Datum of 1927, (Clarke Spheroid of 1866). Reference Stations - "ODESSA RRP2" - CORIS (DF5393), "LUBBOCK RRP2" - CORIS (DF5391) and "McDONALD VLB1" - CORIS (AF9514).
- 3) This plot is provided for filing purposes only with the Texas Railroad Commission and should not be construed as a boundary survey.

University 1-28A Unit Acres Table	
Tract 1 -	40.3875 Acres
Tract 2 -	80.6875 Acres
Tract 3 -	80.6875 Acres
Total -	201.7625 Acres

Based on Survey Dated:
July 17, 2015

Downhole Directional data based
on report provided by Elevation
Resources, on Feb. 29, 2016

The University 1-28A Unit #2H is
located approximately 11 miles
South-Southeast of Andrews, Texas.

LEGEND

- (SL)○ - Denotes Proposed Surface Well Location
- - Denotes Proposed Penetration / Take Points
- (BHL)● - Denotes Proposed Bottom Hole Location
- - Denotes Lease Line

1000 0 1000 2000
Graphic Scale in Feet

ELEVATION RESOURCES LLC

**UNIVERSITY 1-28A UNIT #2H
DOWNHOLE SURVEY**
Located in Sections 28 & 25
Block 1
University Land Survey
Andrews County, Texas

Drawn By: SC	Date: March 2, 2016
Scale: 1"=1000'	Field Book: 615 / 38-40
Revision Date:	Quadrangle: Gardendale NW
W.O. No: 2016-0124	Dep. No.: 2016-0124

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

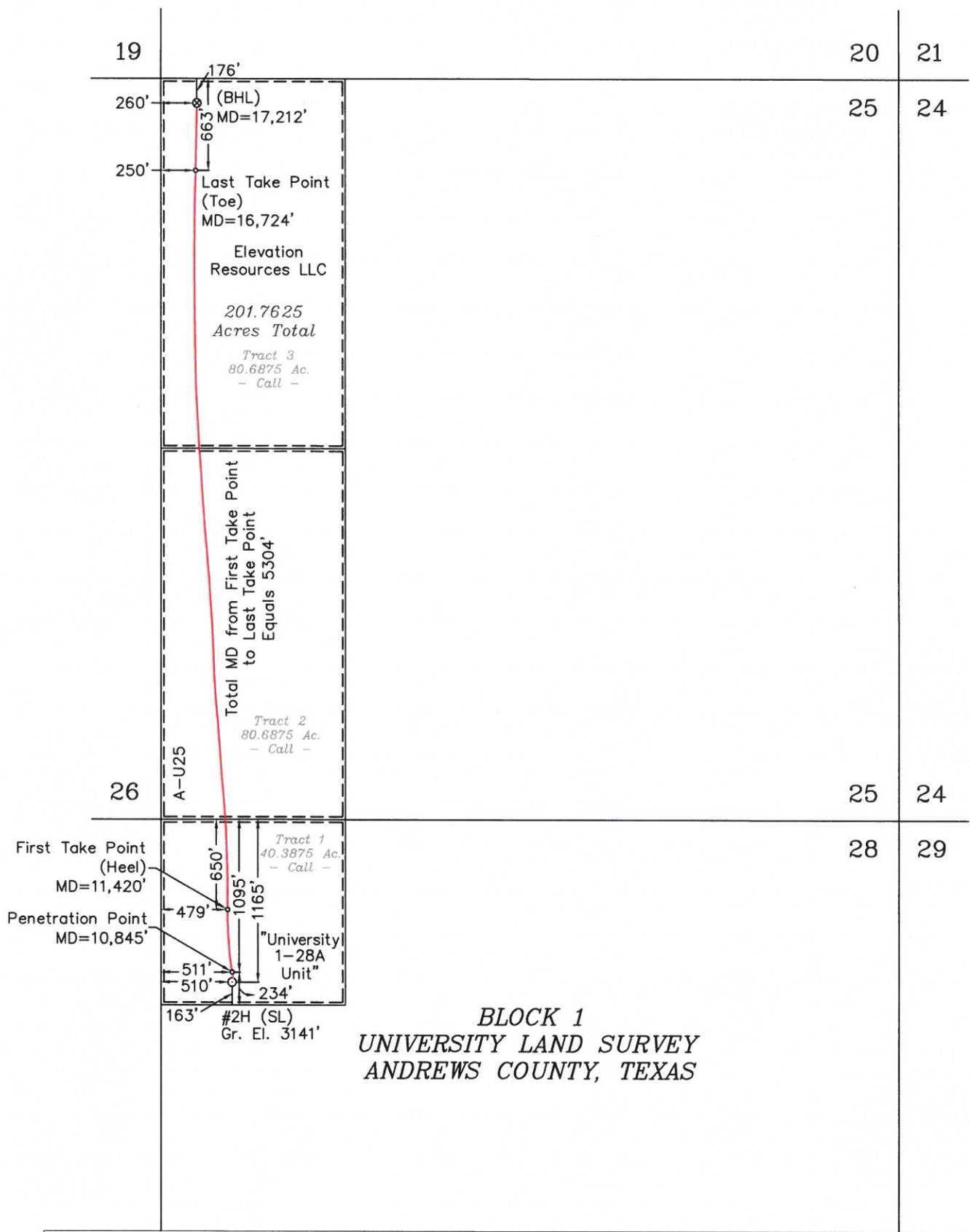
LINDSAY GYGAX
Z. FRANK NEWMAN

TEXAS R.P.S. No. 6432
TEXAS R.P.S. No. 3591



WEST COMPANY
Land Surveys & Oil Engineers

SURVEYORS - ENGINEERS - PLANNERS
FIRM REGISTRATION NUMBER: 100682-00
110 W. LOUISIANA AVE., SUITE 110
MIDLAND, TEXAS 79701
(432) 687-0885 - FAX (432) 687-0886



BLOCK 1
UNIVERSITY LAND SURVEY
ANDREWS COUNTY, TEXAS

Coordinate Table			
Description	Plane Coordinate	Geodetic Coordinate	Geodetic Coordinate (NAD '83)
University 1-28A Unit #2H Surface Location	X = 450,917.2 Y = 219,821.6	Longitude = 102°30'28.23" W Latitude = 32°10'09.77" N	Longitude = 102°30'29.78" W Latitude = 32°10'10.17" N
University 1-28A Unit #2H Penetration Point	X = 450,903.1 Y = 219,890.6	Longitude = 102°30'28.43" W Latitude = 32°10'10.45" N	Longitude = 102°30'29.99" W Latitude = 32°10'10.85" N
University 1-28A Unit #2H First Take Point (Heel)	X = 450,775.4 Y = 220,317.8	Longitude = 102°30'30.16" W Latitude = 32°10'14.61" N	Longitude = 102°30'31.71" W Latitude = 32°10'15.01" N
University 1-28A Unit #2H Last Take Point (Toe)	X = 449,405.4 Y = 225,435.3	Longitude = 102°30'48.92" W Latitude = 32°11'04.55" N	Longitude = 102°30'50.47" W Latitude = 32°11'04.95" N
University 1-28A Unit #2H Bottom Hole Location	X = 449,309.0 Y = 225,912.9	Longitude = 102°30'50.30" W Latitude = 32°11'09.22" N	Longitude = 102°30'51.86" W Latitude = 32°11'09.62" N

- 1) Plane Coordinates and Bearings shown hereon are Lambert Grid and Conform to the "Texas Coordinate System", Texas North Central Zone, North American Datum of 1927. Distances shown hereon are mean horizontal surface values.
- 2) Geodetic Coordinate, unless otherwise shown hereon, references the North American Datum of 1927, (Clarke Spheroid of 1866). Reference Stations - "ODESSA RRP2" - CORS (DF5393), "LUBBOCK RRP2" - CORS (DF5391) and "McDONALD VLB1" - CORS (AF9514).
- 3) This plat is provided for filing purposes only with the Texas Railroad Commission and should not be construed as a boundary survey.

University 1-28A Unit Acreage Table	
Tract 1 -	40.3875 Acres
Tract 2 -	80.6875 Acres
Tract 3 -	80.6875 Acres
Total -	201.7625 Acres

Based on Survey Dated:
July 17, 2015

Downhole Directional data based
on report provided by Elevation
Resources, on Feb. 29, 2016

The University 1-28A Unit #2H is
located approximately 11 miles
South-Southeast of Andrews, Texas.

LEGEND

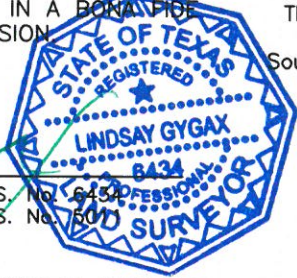
- (SL)○ - Denotes Proposed Surface Well Location
○ - Denotes Proposed Penetration / Take Points
(BHL)⊗ - Denotes Proposed Bottom Hole Location
--- - Denotes Lease Line



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

LINDSAY GYGAX
J. FRANK NEWMAN

TEXAS R.P.L.S. No. 6450
TEXAS R.P.L.S. No. 7507



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ELEVATION RESOURCES LLC

UNIVERSITY 1-28A UNIT #2H
DOWNHOLE SURVEY
Located in Sections 28 & 25
Block 1
University Land Survey
Andrews County, Texas

Drawn By: SC	Date: March 2, 2016
Scale: 1"=1000'	Field Book: 615 / 38-40
Revision Date:	Quadrangle: Gardendale NW
W.O. No: 2016-0124	Dwg. No.: 2016-0124