



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 09/29/2017
Tracking No.: 169194

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.: 42-003-47118 County: ANDREWS
Well No.: 5H RRC District No.: 08
Lease Name: UNIVERSITY 1-26 UNIT Field Name: EMMA (DEVONIAN)
RRC Lease No.: 47300 Field No.: 28899166
Location: Section: 26, Block: 1, Survey: UL, Abstract: U26
Latitude: Longitude:
This well is located 10 miles in a SOUTH-SOUTHEASTERLY
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: 01/15/2017
Type of Permit Date Permit No.
Permit to Drill, Plug Back, or Deepen 04/24/2015 805597
Rule 37 Exception
Fluid Injection Permit
O&G Waste Disposal Permit
Other:

COMPLETION INFORMATION

Spud date: 07/04/2016 Date of first production after rig released: 01/15/2017
Date plug back, deepening, recompletion, or drilling operation commenced: 07/04/2016 Date plug back, deepening, recompletion, or drilling operation ended: 11/27/2016
Number of producing wells on this lease in this field (reservoir) including this well: 3 Distance to nearest well in lease & reservoir (ft.): 1226.0
Total number of acres in lease: 728.22 Elevation (ft.): 3145 GL
Total depth TVD (ft.): 11117 Total depth MD (ft.): 17770
Plug back depth TVD (ft.): Plug back depth MD (ft.):
Was directional survey made other than inclination (Form W-12)? Yes Rotation time within surface casing (hours): 108.0
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 : No
of lease on which this well is located: 500.0 Feet from the North Line and
400.0 Feet from the West Line of the
UNIVERSITY 1-26 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.):** 1575.0 **Date:** 03/27/2015
SWR 13 Exception **Depth (ft.):**

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION

Date of test: 02/14/2017 **Production method:** Pumping
Number of hours tested: 24 **Choke size:** 1"
Was swab used during this test? No **Oil produced prior to test:** 2577.00

PRODUCTION DURING TEST PERIOD:

Oil (BBLs): 301.00 **Gas (MCF):** 560
Gas - Oil Ratio: 1860 **Flowing Tubing Pressure:**
Water (BBLs): 2398

CALCULATED 24-HOUR RATE

Oil (BBLs): 301.0 **Gas (MCF):** 560
Oil Gravity - API - 60.: 45.0 **Casing Pressure:** 0.00
Water (BBLs): 2398

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	1629			CLASS "C"	1460	2708.2	0	Circulated to Surface
2	Intermediate	9 5/8	12 1/4	7121			TRANSTE X MULTI	2600	5744.0	3112	Calculation
3	Intermediate	9 5/8	12 1/4	7121	3112		TRANS%T EX MULTI "C"	1400	2840.0	0	Calculation
4	Intermediate	7	8 3/4	11399			TRANSTE X MULTI H	900	1942.0	6910	Calculation
5	Intermediate	7	8 3/4	11399	6910		TRANSTE X MULTI H	700	1458.0	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	10254	17753	ULTRA "C"	550	946.0	10254	Calculation

TUBING RECORD

Row	Size (in.)	Depth (ft.)	Packer Depth (ft.)/Type
1	2 7/8	9900	/

PRODUCING/INJECTION/DISPOSAL INTERVAL

Row	Open hole?	From (ft.)	To (ft.)
1	No	L1 11450	17704.0

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: 8500

Actual maximum pressure (PSIG) during hydraulic fracturing: 8269

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 DETAILS	11450	17704
2	Other	520 SX CMT PLUG SET IN 8-3/4" WELLBORE	7284	7500
3	Other	520 SX CMT PLUG SET IN 8-3/4" WELLBORE	6152	7278

FORMATION RECORD

Formations	Encountered	Depth TVD (ft.)	Depth MD (ft.)	Is formation isolated?	Remarks
YATES	Yes	3157.0	3157.0	Yes	NOT LOGGED - ESTIMATED
SEVEN RIVERS	Yes	3271.0	3271.0	Yes	NOT LOGGED - ESTIMATED
QUEEN	Yes	3380.0	3380.0	Yes	NOT LOGGED - ESTIMATED
GRAYBURG	Yes	4750.0	4750.0	Yes	NOT LOGGED - ESTIMATED
SAN ANDRES - CO2 FLOOD, HIGH FLOWS, H2S, CORROSIVE	Yes	4915.0	4915.0	Yes	NOT LOGGED - ESTIMATED
HOLT	No			No	NOT GEOLOGICALLY PRESENT
GLORIETA	Yes	5720.0	5720.0	Yes	NOT LOGGED - ESTIMATED
TUBB	No			No	NOT GEOLOGICALLY PRESENT
CLEARFORK	Yes	6715.0	6715.0	Yes	NOT LOGGED - ESTIMATED
PERMIAN DETRITAL	No			No	NOT GEOLOGICALLY PRESENT
LEON	No			No	NOT GEOLOGICALLY PRESENT
WICHITA ALBANY	Yes	7830.0	7830.0	Yes	
SPRABERRY	No			No	NOT GEOLOGICALLY PRESENT
DEAN	No			No	NOT GEOLOGICALLY PRESENT
WOLFCAMP	Yes	8557.0	8557.0	Yes	
CANYON	No			No	NOT GEOLOGICALLY PRESENT
PENNSYLVANIAN	Yes	8780.0	8780.0	Yes	
MCKEE	No			No	WELL NOT DEEP ENOUGH
STRAWN	Yes	9736.0	9736.0	Yes	
FUSSELMAN	No			No	WELL NOT DEEP ENOUGH
DEVONIAN	Yes	11023.0	11023.0	Yes	
SILURIAN	No			No	WELL NOT DEEP ENOUGH
ELLENBURGER	No			No	WELL NOT 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'

RRC REMARKS

PUBLIC COMMENTS:

[RRC Staff 2017-02-23 13:18:21.447] EDL=6254 feet, max acres=260

CASING RECORD :

TUBING RECORD:

PRODUCING/INJECTION/DISPOSAL INTERVAL :

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :

FISH STUCK IN HOLE, ON 7/23/16 2 CMT PLUGS WERE SET TO ABANDON WELLBORE AND CEMENT OFF WATER FLOW. RE-ENTERED 11/2/16 TO FINISH DRILLING. PLUGS WERE LEFT IN PLACE, JUST SIDETRACKED AROUND TO CONTINUE

POTENTIAL TEST DATA:

OPERATOR'S CERTIFICATION

Printed Name: Curtis Flanagan

Title: Eng. Tech

Telephone No.: (432) 688-3380

Date Certified: 05/16/2017



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.: #5H	API No.: 42-003-4711B
Lease Name: University 1-26	Drilling Permit No.: 805597
Field Name: Emma (Devonian)	Lease No.:
	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.): 1650'
Size of casing in O.D. (in.): 13 7/8"	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	No. of centralizers used: 10
Setting depth shoe (ft.): 1629'	Top of liner (ft.):
Hrs. waiting on cement before drill-out: 24+	Setting depth liner (ft.):
Calculated top of cement (ft.): 0	Cementing date: 7/6/2016

SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	1135	Class C	Remark 1	2165.5	3105
2	325	Class C	Remark 2	542.75	781
3					
Total	1460			2708.25	3886

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.):
Size of casing in O.D. (in.):	Casing weight (lbs/ft) and grade:
Tapered string drilled hole size (in.)	No. of centralizers used:
Upper: Lower:	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:
Tapered string no. of centralizers used	Tapered string no. of centralizers used
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.)	No. of centralizers used:
Upper: Lower:	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:
Tapered string no. of centralizers used	Tapered string no. of centralizers used
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							
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

Address

MIDLAND, TX 79703

City, State, Zip Code

432-694-4900

Tel: Area Code Number

7/6/2016

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]
Signature

200 N. Lorraine, Ste 1010 Midland TX 79701

Address

City, State, Zip Code

432-688-3381

Tel: Area Code Number

7/8/16

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

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

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

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

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



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Form W-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.:	De	County:	ANDREWS
Well No.:	#5H	API No.:	42-003-9711B
Lease Name:	UNIVERSITY 1-26	Drilling Permit No.:	805597
Field Name:	Farm (Devonian)	Lease No.:	
		Field No.:	

I. CASING CEMENTING DATA

Type of Casing:	<input type="checkbox"/> Conductor <input type="checkbox"/> Surface <input checked="" type="checkbox"/> Intermediate <input type="checkbox"/> Liner <input type="checkbox"/> Production	
Drilled hole size (in.):	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	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 checked="" type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production	Multi-stage cement slurry <input checked="" 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 checked="" type="checkbox"/> NO <input type="checkbox"/>	Setting depth shoe (ft.):	
Hrs. waiting on cement before drill-out: 247	Calculated top of cement (ft.): 3112'	Cementing date: 7/11/2016

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	2200	TRANS-TEX MULTI "H"	SEED REMARKS	5324	16999
2	400	CLASS "H"	SEED REMARKS	420	1340
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 type="checkbox"/> Tapered production	Multi-stage cement/DV <input checked="" 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: 247	Calculated top of cement (ft.): 0	Cementing date: 7/11/2016

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	1000	TRANS-TEX MULTI "C"	SEED REMARKS	2420	7727
2	400	CLASS "C"	SEED REMARKS	420	1340
3					
Total	1400			2840	9067

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

10% GEL, 3% SALT, 2# PHENO, 2# GILS, 1/4# CF, 3% CFL-1, 3% CAS-2, 1% CFR-1 1-STG CIRCULATED BACK 100 BBLS=232 SKS
 1/10%CR-1, 1%CFR-1, 2/10%CF-1, 1/4#CF
 10%GEL, 3%SALT, 2# PHENO, 2# GILS, 1/4# CF, 4% CFL-1, 1% CAS-2, 1% CFR-1
 3/10%CR-1, 1.5% CFR-1, 2/10%CF-1, 1/4#CF

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J. GALVAN CEMENTER

Name and title of cementer's representative

TRANS TEX CEMENTING
Cementing Company

J. Galvan
Signature

5019 BASIN ST

Address

MIDLAND, TX 79703

City, State, Zip Code

432-694-4900

Tel: Area Code Number

7/11/2016

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]
Signature

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

Address

City, State, Zip Code

432-688-3381
Tel: Area Code Number

7/13/16
Date: mo. day yr.

Instructions for Form W-15, Cementing Report

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(<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.



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	Operator P-S No.: 247756
Cementer Name: TRANS TLX CEMENTING SERVICES, LLC	Cementer P-S No.: 864412

WELL INFORMATION	
District No.: D8	County: ANSREWS
Well No.: #5H	API No.: 42-003-47118
Lease Name: UNIVERSITY 1-26	Drilling Permit No.: 805597
Field Name: Emira (Devonize)	Field No.:

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	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 slurry <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.): 8 7/8"	Depth of drilled hole (ft.): 11435'	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? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Remarks:	Setting depth shoe (ft.): 11399'			
Hrs. waiting on cement before drill-out: 24+	Calculated top of cement (ft.): 6910'	Cementing date: 11/11/2016			
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	700	TRANSTEXMULTI H	SEE REMARKS	1694	11270
2	200	TRANSTEXMULTI H	SEE REMARKS	248	1650
3					
Total	900			1942	12921

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 slurry <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.): 8 7/8"	Depth of drilled hole (ft.): 11435'	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? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Remarks:	Setting depth shoe (ft.): 6910'			
Hrs. waiting on cement before drill-out:	Calculated top of cement (ft.): 0	Cementing date: 11/11/2016			
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	500	TRANSTEXMULTI H	SEE REMARKS	1210	8050
2	200	TRANSTEXMULTI H	SEE REMARKS	248	1650
3					
Total	700			1458	9700

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, 1/4HCF, 1.5MHPHENO, 1.5#GILS, 3%SALT, 4%CL-1, 2%CFR-1, 2%CR-1, 0.5%CAS-1
 1ST AND 2ND STAGE TAIL 2%GEL, 3%SALT, 1/4HCF, 7/10%CR-1, 2/10%CFR-1, 3/10%CL-1
 GOT 60 BBLs OF CMT TO SURFACE ON 1ST STAGE = TO 140 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]
 Signature

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

432-694-4000 11/11/2016
 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.

[Signature]
 Typed or printed name of operator's representative

Consultant
 Title

[Signature]
 Signature

Address City, State, Zip Code

432-360-1022 11/11/16
 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.nrc.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. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole. Without prior approval from the Commission.
- 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 II, Casing Cementing Data section by selecting the type of casing and Multi-stage cement 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.:	5H	API No.:	42-003-47118
Lease Name:	UNIVERSITY 1-26	Drilling Permit No.:	805597
Field Name:	Enno (Devonian)	Lease No.:	
		Field No.:	

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.):	17790	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.):	Top of liner (ft.): 10254'	
			17753'	Setting depth liner (ft.): 17753'	
Hrs. waiting on cement before drill-out:	Calculated top of cement (ft.):		10254'	Cementing date: 11/24/2016	

SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	550	ULTRA "C"	SEE REMARKS	946	9220
2					
3					
Total	550			946	

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.):		Est. % wash-out or hole enlargement:		
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:		
Tapered string drilled hole size (in.)		Tapered string depth of drilled hole (ft.)				
Upper:	Lower:	Upper:	Lower:			
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used		
Upper:	Lower:	Upper:	Lower:	Upper:	Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES <input type="checkbox"/> NO <input type="checkbox"/>				Setting depth shoe (ft.):		
Hrs. waiting on cement before drill-out:	Calculated top of cement (ft.):		Cementing date:			

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

III. CASING CEMENTING DATA						
Type of casing:	<input type="checkbox"/> Surface	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Production	<input type="checkbox"/> Tapered production	<input type="checkbox"/> Multi-stage cement/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 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

3%**SAL**+10%**CR**-1+.75%**CFL**-1+2/10%**CFR**-4+.15%**CAS**-1+1.5%**PHENO**+1.5%**GIL**1/8**CF**
 CIRCULATED BACK 18 BBLs=59 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.

J. GALVAN CEMENTER

Name and title of cementer's representative

TRANS TEX CEMENTING

Cementing Company

J. Galvan
Signature

5019 BASIN ST

Address

MIDLAND, TX 79703

City, State, Zip Code

432-694-4900

Tel: Area Code Number

11/24/2016

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]
Signature

200 N. Lorraine, Ste 101D, Midland TX 79701

Address

City, State, Zip Code

432-688-3381

Tel: Area Code Number

11/25/16

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_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 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.: #5H	API No.: 42-003-4711B
Lease Name: UNIVERSITY 1-26	Drilling Permit No.: 805597
Field Name: Emma (Devonian)	Field No.:

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 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.):	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 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:		
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					



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.:	DB	County:	Andrews
Well No.:	H5H	API No.:	42-003-4711B
Lease Name:	University 1 - 26	Drilling Permit No.:	805597
Field Name:	Emma (Devonian)	Lease No.:	
		Field No.:	

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	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 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.):		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	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	<input type="checkbox"/> Multiple parallel strings
Drilled hole size (in.):	Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:			
Size of casing in O.D. (in.):	Casing weight (lbs/ft) and grade:		No. of centralizers used:			
Tapered string drilled hole size (in.)	Tapered string depth of drilled hole (ft.)					
Upper:	Lower:	Upper:	Lower:			
Tapered string size of casing in O.D. (in.)	Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used			
Upper:	Lower:	Upper:	Lower:	Upper:	Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO	Setting depth shoe (ft.):					
Hrs. waiting on cement before drill-out:	Calculated top of cement (ft.):		Cementing date:			
SLURRY						
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)	
1						
2						
3						
Total						

CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON							
	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Cementing Date	7/25/2016						
Size of hole or pipe (in.)							
Depth to bottom of tubing or drill pipe (ft.)	7278'						
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used	520						
Slurry volume pumped (cu. ft.)	546						
Calculated top of plug (ft.)	5975						
Measured top of plug, if tagged (ft.)	6152						
Slurry weight (lbs/gal)	16.5						
Class/type of cement	Class H						
Perforate and squeeze (YES/NO)							

REMARKS

Remark 1: 3#/sk Phenoseal, 3#/sk Gisonite, 1/4#/sk Celluloflake, 2/10% CFI-1, .15% CR 3, 1% 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
Address

MIDLAND, TX 79703
City, State, Zip Code

432-694-6900
Tel. Area Code Number

7/25/2016
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.

Eay Kiabel
Typed or printed name of operator's representative

Consultant
Title

[Signature]
Signature

Address
City, State, Zip Code

432-653-0403
Tel. Area Code Number

7-25-16
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 operation 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.mt.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 78712-967).

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 ([https://info.nac.state.tx.us/pls/pub/watres2012.fadpage?d=8&app=88p_dtm&p_flow=8p_flow=8p_plm&app=18p_law=5tr=10&per=15\(0=88\)=14](https://info.nac.state.tx.us/pls/pub/watres2012.fadpage?d=8&app=88p_dtm&p_flow=8p_flow=8p_plm&app=18p_law=5tr=10&per=15(0=88)=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 II, 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 slams, continue the list of slams in the Slurry table in the subsequent Casing Cementing Data box.

Tracking No.: 169194

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: 01/15/2017
Field Name EMMA (DEVONIAN)	Drilling Permit No. 805597	
Lease Name UNIVERSITY 1-26 UNIT	Lease/ID No. 47300	Well No. 5H
County ANDREWS	API No. 42- 003-47118	

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 02/16/2017
 Phone Date

-FOR RAILROAD COMMISSION USE ONLY-



UNIVERSIY 1-26 #5H ST1

MD
5":100'

Company: Elevation Resources

Well Name: University 1-26 #5H ST1

API: 42-003-47118

County/Parish: Andrews

State: Texas

Country: United States

Job number: 160067

Field: Devonian

Rig Id: Precision 593

Survey Company: Von Directional Services

ROP RATE OF PENETRATION

GAMMA GAMMA-RAY

MD MEASURE DEPTH

INC INCLINATION

AZI AZIMUTH

TVD TRUE VERTICAL DEPTH

DLS DOG LEG SEVERITY

Log measurements: PASON DEPTH TRACKING	Depth	Date
Depth measured from: 7059 ft	Start: 7113 ft	11/02/2016
Maximum temperature: 188.4	End: 17770 ft	11/23/2016

Casing	Depth	Size	Mud Type: OIL BASED MUD	Elevations
Surface:			Density: 8.55	KB:
Intermediate:	7123 ft	13 3/8"	Viscosity: 62	GL: 3145 ft
Intermediate2:	11399 ft	9 5/8"	Rm: 42 Rmf: 5.2 Rmc: 0-32	DF: 25 ft

Run	Bit Size	Offsets		Depths		Dates	
		Gamma	Survey	Start	End	Start	End
1	8.75"	56.95 ft	61.00 ft	7113 ft	8705 ft	11/02/2016	11/05/2016
2	8.75"	63.19 ft	64.38 ft	8705 ft	10643 ft	11/05/2016	11/07/2016
3	8.75"	56.48 ft	57.57 ft	10643 ft	10860 ft	11/07/2016	11/08/2016
4	8.75"	57.17 ft	58.36 ft	10860 ft	11435 ft	11/08/2016	11/10/2016
5	6.25"	52.12 ft	53.31 ft	11435 ft	13306 ft	11/12/2016	11/16/2016
6	6.25"	52.13 ft	53.32 ft	13306 ft	17770 ft	11/16/2016	11/22/2016
7							
8							
9							
10							

OPERATING COMPANY: ELEVATION RESOURCES
API #: 42-003-47118

**CERTIFICATE OF
 POOLING AUTHORITY**

P-12

Revised 05/2001

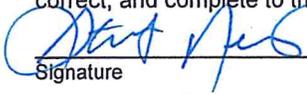
1. Field Name(s) All Fields	2. Lease/ID Number (if assigned)	3. RRC District Number 08
4. Operator Name Elevation Resources, LLC	5. Operator P-5 Number 247756	6. Well Number 5H
7. Pooled Unit Name University 1-26 Unit	8. API Number	9. Purpose of Filing <input checked="" type="checkbox"/> Drilling Permit (W-1) <input type="checkbox"/> Completion Report
10. County Andrews	11. Total acres in pooled unit 728.22	

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	303.37	<input type="checkbox"/>	<input type="checkbox"/>
2	Tract 2	181.97	<input type="checkbox"/>	<input type="checkbox"/>
3	Tract 3	242.88	<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.



Signature

Stewart Newton

Print Name

Regulatory Consultant

stewart.newton@pghengineers.com

04/13/2015

(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.

STATEMENT OF PRODUCTIVITY OF ACREAGE
ASSIGNED TO PRORATION UNITS

Form P-15

Tracking No.: 169194

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 1-26 UNIT , No. 5H ; that such well is
LEASE 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 _____
242.74 _____ 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 02/16/2017 Signature Curtis Flanagan

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

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Form GW-2

Date

GAU File No.:

API Number

Attention:

RRC Lease No.

SC_247756_00300000_000000_17249.pdf

ELEVATION RESOURCES LLC
200 N LORAIN
STE 1010
MIDLAND TX 79701

P-5# 247756

--Measured--
2187 ft FEL
300 ft FNL
MRL:SECTION

Digital Map Location:	
X-coord/Long	<input type="text" value="446947"/>
Y-coord/Lat	<input type="text" value="225263"/>
Datum	<input type="text" value="27"/>
Zone	<input type="text" value="NC"/>

County

Lease & Well No.

Purpose

Location

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 ZN from 1275 feet to 1575 feet must be protected.

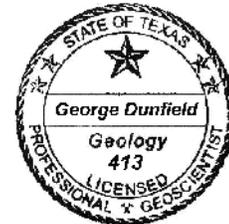
This recommendation is applicable to all wells drilled in this TRACT 1 OF SECTION 26 ON THIS LEASE.

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

If you have any questions, please contact us at 512-463-2741, gau@rrc.state.tx.us, or by mail.

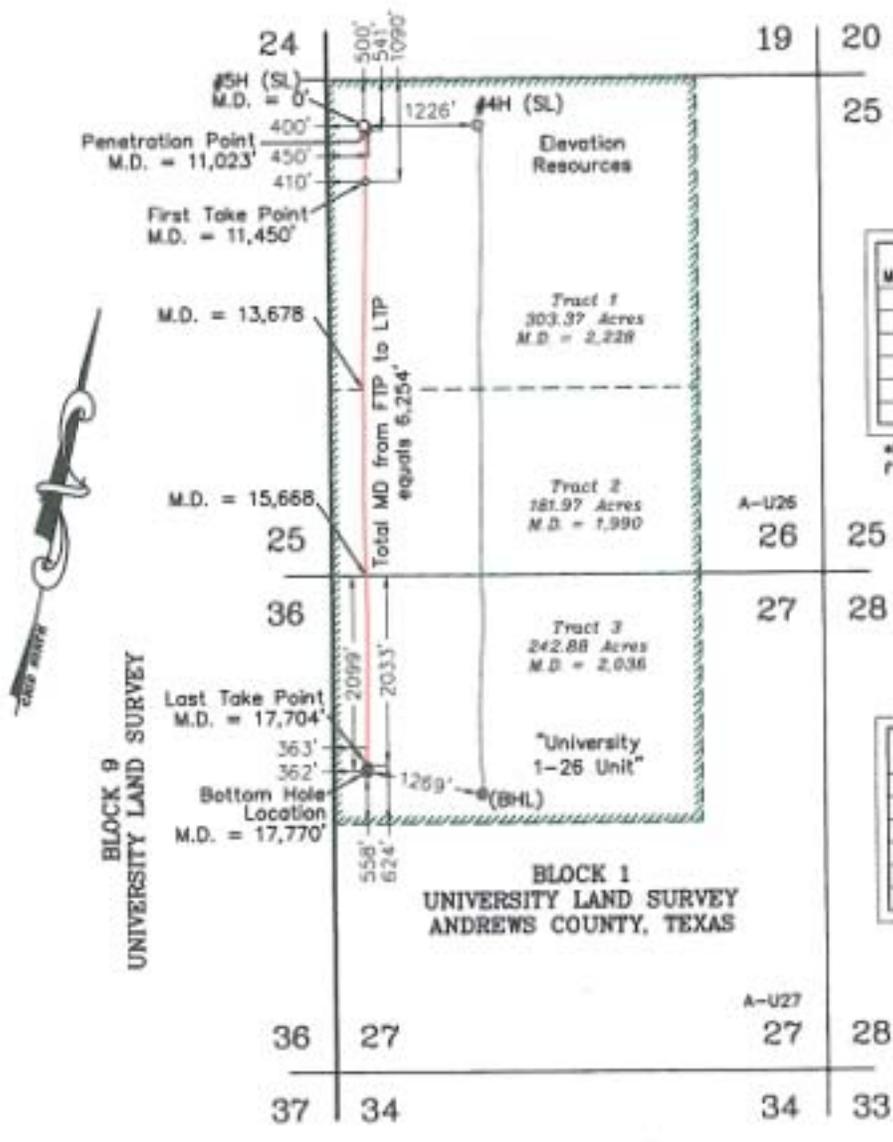
Sincerely,

GEOLOGIST SEAL



Geologist, Groundwater Advisory Unit
Oil & Gas Division

The seal appearing on this document was authorized by George Dunfield on 3/27/2015
Note: Alteration of this electronic document will invalidate the digital signature.



Tract 1 - 2,228 M.D.
Tract 2 - 1,990 M.D.
Tract 3 - 2,036 M.D.
Total - 6,254 M.D.

*Note: Allocations are measured from First Take Point to Last Take Point

Tract 1 - 303.37 Acres
Tract 2 - 181.97 Acres
Tract 3 - 242.88 Acres
Total - 728.22 Acres

	State Plane Coordinate		Geodetic (D.M.S.)		Geodetic (D.D.)	
Surface Location	X = 444,329.80	Y = 224,479.38	Lat = 32°10'52.70" N	Long = 102°31'47.37" W	Lat = 32.18130583° N	Long = 102.52982580° W
Penetration Point	X = 444,387.93	Y = 224,449.94	Lat = 32°10'52.44" N	Long = 102°31'46.68" W	Lat = 32.18123265° N	Long = 102.52983359° W
First Take Point	X = 444,467.98	Y = 223,905.55	Lat = 32°10'47.09" N	Long = 102°31'45.45" W	Lat = 32.17974849° N	Long = 102.52929098° W
Last Take Point	X = 445,779.11	Y = 217,795.38	Lat = 32°09'47.32" N	Long = 102°31'26.81" W	Lat = 32.16314445° N	Long = 102.52411429° W
Bottom Hole Location	X = 445,791.88	Y = 217,730.78	Lat = 32°09'46.89" N	Long = 102°31'26.63" W	Lat = 32.16296877° N	Long = 102.52406308° W

The University 1-26 Unit #5H is located approximately 10 miles South-Southeast of Andrews, Texas.

Downhole Path based on Survey Report received from Elevation Resources on February 8, 2017.

Prepared From Survey Dated: November 3, 2014

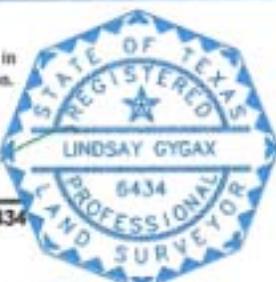


NOTE:
 1) Plane Coordinates shown hereon are Lambert Grid and Conform to the "Texas Coordinate System", Texas North Central Zone, North American Datum of 1927, unless otherwise noted. Scale factor is 1.000169588.
 2) Geodetic Coordinate shown hereon references the North American Datum of 1927, unless otherwise noted.
 3) This plat is provided only for filing purposes with the Texas Railroad Commission and should not be construed as a boundary survey.
 4) Measured Depth allocation is approximate and based on downhole report and take points as provided by client

- Legend**
- Denotes Downhole Directional Well Path
 - Denotes Proposed Well Location
 - Denotes Proposed Take Points
 - Denotes Proposed Bottom Hole Location
 - Denotes Unit Boundary
 - Denotes Tract Line

CERTIFICATION:
 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
 Lindsay Gygax Texas R.P.L.S. No. 6434



WEST COMPANY
 Land Surveyors & Civil Engineers
 110 W. Louisiana Ave., Suite 110, Midland, Texas 79701
 (432) 687-0885 - FAX (432) 687-0888
 FIRM Registration Number: 100882-00



**UNIVERSITY 1-26 UNIT #5H
 DOWNHOLE REPORT**

Crossing Sections 26 and 27
 Block 01
 All in University Lands Survey
 Andrews County, Texas

Scale: 1" = 2000'	W.O.: 2014-1457-1
Surveyed: 11/03/14	Drawn By: SC
File: J:\2017\2014-1457-1\2014-1457-1 University 1-26 5H As-Drilled.dwg	