



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 11/23/2015
Tracking No.: 145390

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION			
Operator	SHERIDAN PRODUCTION COMPANY, LLC	Operator	775854
Operator	1360 POST OAK BLVD, STE 2500 HOUSTON, TX 77056-3030		

WELL INFORMATION			
API	42-003-46321	County:	ANDREWS
Well No.:	3009	RRC District	08
Lease	UNIVERSITY CONS. IV	Field	FULLERTON (8500)
RRC Lease	46518	Field No.:	33230900
Location	Section: 30, Block: 13, Survey: UL, Abstract: U422		
Latitude		Longitud	
This well is	15	miles in a	NORTHWEST
direction from	ANDREWS,		
which is the nearest town in the			

FILING INFORMATION			
Purpose of	Well Record Only		
Type of	Other/Recompletion		
Well Type:	Shut-In Producer	Completion or Recompletion	08/12/2015
Type of Permit	Date	Permit No.	
Permit to Drill, Plug Back, or	09/09/2014	786929	
Rule 37 Exception		0291956	
Fluid Injection			
O&G Waste Disposal			
Other:			

COMPLETION INFORMATION			
Spud	12/10/2014	Date of first production after rig	08/12/2015
Date plug back, deepening, drilling operation	08/06/2015	Date plug back, deepening, recompletion, drilling operation	08/12/2015
Number of producing wells on this lease this field (reservoir) including this	2	Distance to nearest well in lease & reservoir	626.0
Total number of acres in	482.48	Elevation	3316 RKB
Total depth TVD	8800	Total depth MD	
Plug back depth TVD	8530	Plug back depth MD	
Was directional survey made other inclination (Form W-	No	Rotation time within surface casing Is Cementing Affidavit (Form W-15)	No
Recompletion or	Yes	Multiple	No
Type(s) of electric or other log(s)	None		
Electric Log Other Description:			
Location of well, relative to nearest lease of lease on which this well is	330.0 Feet from the	Off Lease :	No
	408.0 Feet from the	North Line and	
		West Line of the	
		UNIVERSITY CONS. IV Lease.	

FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.			
Field & Reservoir	Gas ID or Oil Lease	Well No.	Prior Service Type
W2:	N/A		

FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:			
GAU Groundwater Protection Determination	Depth	1550.0	Date 05/22/2014
SWR 13 Exception	Depth		

Date of		Production
Number of hours	24	Choke
Was swab used during this	No	Oil produced prior to
PRODUCTION DURING TEST PERIOD:		
Oil		Gas
Gas - Oil	0	Flowing Tubing
Water		
CALCULATED 24-HOUR RATE		
Oil		Gas
Oil Gravity - API - 60.:		Casing
Water		

<u>Ro</u>	<u>Type of Casing</u>	<u>Casing Size (in.)</u>	<u>Hole Size</u>	<u>Setting Depth</u>	<u>Multi - Stage Tool</u>	<u>Multi - Stage Shoe</u>	<u>Cement Class</u>	<u>Cement Amoun</u>	<u>Slurry Volume (cu.</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined By</u>
1	Surface	9 5/8	12 1/4	1685			CLASS C	625	1050.0	1611	Calculation
2	Conventional Production	7	7 7/8	8800			CLASS C	1030	2488.0	1800	Cement Evaluation Log

[illegible]

<u>Ro</u>	<u>Size (in.)</u>	<u>Depth Size (ft.)</u>	<u>Packer Depth (ft.)/Type</u> /
N/A			

<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u> L	<u>To (ft.)</u>
N/A			

Was hydraulic fracturing treatment		No	
Is well equipped with a downhole sleeve?		No	
Production casing test pressure (PSIG) during hydraulic fracturing		If yes, actuation pressure Actual maximum pressure (PSIG) during fracturin	
Has the hydraulic fracturing fluid disclosure been		No	
<u>Ro</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>
1	Cast Iron Bridge Plug	CIBP @ 8550'	8530 8550

FORMATION RECORD						
<u>Formations</u>	<u>Encountere</u>	<u>Depth TVD</u>	<u>Depth MD</u>	<u>Is formation</u>	<u>Remarks</u>	
SAN ANDRES CO2 FLOOD HIGH HS2	Yes	4396.0		Yes		
CORROSIVE GLORIETA	Yes	5216.0		Yes		
CLEARFORK	Yes	5614.0		Yes		
TUBB	Yes	6517.0		Yes		
LOWER CLEARFORK	Yes	6588.0		Yes		
WICHITA ALBANY	Yes	7207.0		Yes		
WOLFCAMP	Yes	8088.0		Yes		
PERMIAN DETRITAL	Yes	8143.0		Yes		
DEVONIAN	No	8227.0		Yes		
YATES	No			Yes		
SEVEN RIVERS	No			Yes		
QUEEN	No			Yes		
GRAYBURG	No			Yes		
HOLT	No			Yes		
LEON	No			Yes		
SPRABERRY	No			Yes		
DEAN	No			Yes		
CANYON	No			Yes		
PENNSYLVANIAN	No			Yes		
MCKEE	No			Yes		
STRAWN	No			Yes		
FUSSELMAN	No			Yes		
SILURIAN	No			Yes		
ELLENBURGER	No			Yes		
Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm					No	
Is the completion being downhole commingled			No			
REMARKS						
TEMPORARILY ABANDON WELL						

RRC REMARKS

	TEMPORARILY ABANDON WELL	
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OPERATOR'S CERTIFICATION

Telephone	(432) 683-5271	Date	10/30/2015
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Date 10/30/2015

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

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form W-15
Cementing Report
Rev. 4/1/83
483-045

1. Operator's Name (As shown on Form P-5, Organization Report)	2. RRC Operator No.	3. RRC District No.	4. County of Well Site
Sheridan Production	775854	08	Andrews
5. Field Name (Wildcat or exactly as shown on RRC records)	6. API No.		7. Drilling Permit No.
Fullerton (8500)	42-003-46321		
8. Lease Name	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No.
Univ. Cons. IV		46518	3009

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date							
13. •Drilled hole size							
•Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)							
15. Top of liner (ft.)							
16. Setting depth (ft.)							
17. Number of centralizers used							
18. Hrs. waiting on cement before drill out							
1st Slurry	19. API cement used: No. of sacks ▶						
	Class ▶						
	Additives ▶						
2nd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu. ft.) ▶						
	Height (ft.) ▶						
2nd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
3rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?							
22. Remarks							

OVER

CEMENTING TO PLUG AND ABANDON	PLUG # 1	PLUG # 2	PLUG # 3	PLUG # 4	PLUG # 5	PLUG # 6	PLUG # 7	PLUG # 8
23. Cementing date	8-10-15							
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)	35XS							
27. Slurry volume pumped (cu. ft.)	4.42 CU FT							
28. Calculated top of plug (ft.)	8530							
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs./gal)	16 #							
31. Type cement	CLASS A							

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.

JAMES BROWN - MANAGER RENEGADE SERVICES
 Name and title of cementer's representative Cementing Company Signature
 1235 S.E. 1000 ANDREWS TEXAS 79714 432-524-7239 8-10-15
 Address City, State, Zip Code Tel.: Area Code Number Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Sylvia Shoemaker Regulatory Analyst Sylvia Shoemaker
 Typed or printed name of operator's representative Title Signature
 200 N. Lorraine Ste. 530 Midland TX 79701 432-683-5271 10-29-15
 Address City, State, Zip Code Tel.: Area Code Number Date: mo. day yr.

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

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. Form W-15 should be filed with the following:

- An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
- Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- Form W-3, Plugging Record, unless the 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. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. 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.

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Form GW-2

Date **May 22, 2014**

GAU File No.: **16710**

***** EXPEDITED APPLICATION *****

API Number **00346321**

Attention: **JOYCE A WILLIAMS**

RRC Lease No. **000000**

SC_775854_00346321_000000_16710.pdf

**SHERIDAN PRODUCTION CO LLC
9 GREENWAY PLAZA
STE 1300
HOUSTON TX 77046**

--Measured--

1349 ft FWL

263 ft FNL

MRL: SECTION

Digital Map Location:

X-coord/Long **102.80400**

Y-coord/Lat **32.35940**

Datum **27**

Zone

P-5# 775854

County **ANDREWS**

Lease & Well No. **UNIVERSITY CONSOLIDATED IV #3009**

Purpose **ND**

Location **SUR-UL, BLK-13, SEC-30, -- [TD=8900], [RRC 8],**

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 1100 feet to 1550 feet must be protected.

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,

George Dunfield, P.G.

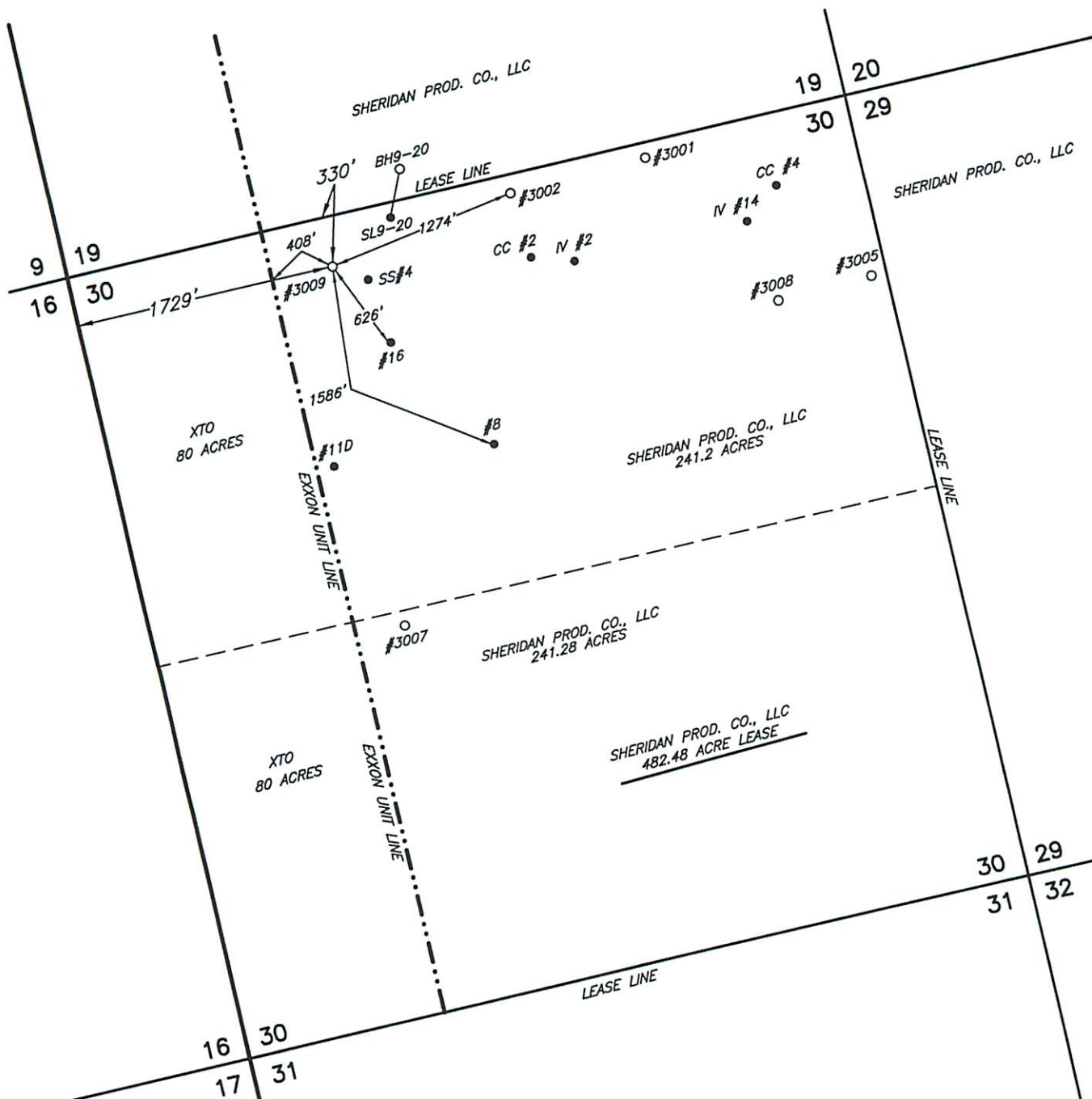
GEOLOGIST SEAL



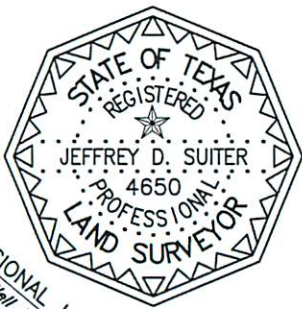
Geologist, Groundwater Advisory Unit
Oil & Gas Division

The seal appearing on this document was authorized by George Dunfield on 5/22/2014
Note: Alteration of this electronic document will invalidate the digital signature.

ANDREWS County, Texas
SL Description 330' FNL & 1729' FWL
SECTION 30, BLOCK 13, UNIVERSITY LAND SURVEY



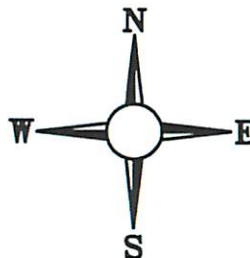
Operator SHERIDAN PRODUCTION COMPANY, LLC Note: For survey construction, corner descriptions and records references, see supporting documents in file.
Lease Name & Well No. UNIVERSITY CONSOLIDATED IV #3009
Ground Elev. 3271' Alternate Location RESTAKE
Coordinates NAD 27 TNC ZONE X = 363373 Y= 293391 LAT.: N 32.359567 LONG.: W 102.802382
NAD 83 TNC ZONE LAT.: N 32.359672 LONG.: W 102.804833
Topography & Vegetation NATURAL PASTURE
Best Accessibility to Location FROM LEASE ROAD 350' SOUTH
Distance & Direction ±15 MILES NORTHWEST OF ANDREWS



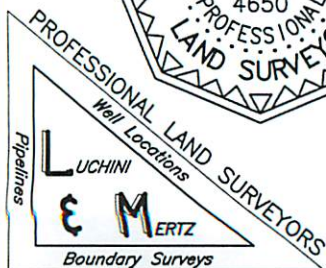
The above sketch represents the location as staked on the ground and is for permit purposes only.

Jeffrey D. Suiter

Registered Professional Land Surveyor No. 4650



SCALE: 1" = 1000'
0' 500' 1000'



June 23, 2014
Job# 140623BRB