



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 10/31/2014
Tracking No.: 115318

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

OPERATOR INFORMATION	
Operator Name: DEVON ENERGY PRODUCTION CO, L.P.	Operator No.: 216378
Operator Address: ATTN VICTORIA SANCHEZ 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102-5010	

WELL INFORMATION	
API No.: 42-383-38226	County: REAGAN
Well No.: 2704H	RRC District No.: 7C
Lease Name: UNIVERSITY 10	Field Name: LIN (WOLFCAMP)
RRC Lease No.: 17844	Field No.: 53613750
Location: Section: 27, Block: 10, Survey: UNIVERSITY LANDS, Abstract:	
Latitude: 31.23525	Longitude: -101.52627
This well is located 4.85 miles in a NW direction from BIG LAKE, which is the nearest town in the county.	

FILING INFORMATION		
Purpose of filing: Well Record Only		
Type of completion: New Well		
Well Type: Shut-In Producer	Completion or Recompletion Date: 09/18/2013	
Type of Permit	Date	Permit No.
Permit to Drill, Plug Back, or Deepen	02/12/2013	756398
Rule 37 Exception		
Fluid Injection Permit		
O&G Waste Disposal Permit		
Other:		

COMPLETION INFORMATION	
Spud date: 09/15/2013	Date of first production after rig released: 09/18/2013
Date plug back, deepening, recompletion, or drilling operation commenced: 09/15/2013	Date plug back, deepening, recompletion, or drilling operation ended: 09/18/2013
Number of producing wells on this lease in this field (reservoir) including this well: 19	Distance to nearest well in lease & reservoir (ft.): 788.0
Total number of acres in lease: 7906.26	Elevation (ft.): 2721 GL
Total depth TVD (ft.): 859	Total depth MD (ft.): 859
Plug back depth TVD (ft.): 814	Plug back depth MD (ft.): 814
Was directional survey made other than inclination (Form W-12)? No	Rotation time within surface casing (hours): 1.0
Recompletion or reclass? No	Is Cementing Affidavit (Form W-15) attached? Yes
Type(s) of electric or other log(s) run: None	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:	7565.0 Feet from the South Line and
	7946.0 Feet from the East Line of the
	UNIVERSITY 10 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.): 750.0	Date: 02/12/2013
SWR 13 Exception	Depth (ft.):	

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION	
Date of test:	Production method:
Number of hours tested: 24	Choke size:
Was swab used during this test? No	Oil produced prior to test:
PRODUCTION DURING TEST PERIOD:	
Oil (BBLs):	Gas (MCF):
Gas - Oil Ratio: 0	Flowing Tubing Pressure:
Water (BBLs):	
CALCULATED 24-HOUR RATE	
Oil (BBLs):	Gas (MCF):
Oil Gravity - API - 60.:	Casing Pressure:
Water (BBLs):	

CASING RECORD											
Row	Type of Casing	Casing	Hole	Setting	Multi -	Multi -	Cement Class	Cement	Slurry	Top of	TOC
		Size (in.)	Size (in.)	Depth (ft.)	Stage Depth (ft.)	Stage Shoe Depth (ft.)		Amount (sacks)	Volume (cu. ft.)	Cement (ft.)	Determined By
1	Surface	13 3/8	17 1/2	859			CLASS C	870	1522.5	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
N/A									

TUBING RECORD			
Row	Size (in.)	Depth	Size (ft.)
N/A			

PRODUCING/INJECTION/DISPOSAL INTERVAL			
Row	Open hole?	From (ft.)	To (ft.)
N/A			

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:		Actual maximum pressure (PSIG) during hydraulic fracturing:	
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.)
N/A			

FORMATION RECORD

<u>Formations</u>	<u>Encountered</u>	<u>Depth TVD (ft.)</u>	<u>Depth MD (ft.)</u>	<u>Is formation isolated?</u>	<u>Remarks</u>
N/A					
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	

WRO W-2 SUBMITTED @ THE REQUEST OF RRC - WELL HAS NOT BEEN DRILLED AND COMPLETED - ONLY THE SURFACE CASING HAS BEEN SET.

RRC REMARKS

PUBLIC COMMENTS:

CASING RECORD :

TUBING RECORD:

WELL HAS NOT BEEN DRILLED & COMPLETED - ONLY THE SURFACE CASING HAS BEEN SET.

PRODUCING/INJECTION/DISPOSAL INTERVAL :

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

POTENTIAL TEST DATA:

OPERATOR'S CERTIFICATION

Printed Name: Annette Raines	Title: Regulatory Specialist
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Title: Regulatory Specialist

Telephone No.: (405) 228-8217 **Date Certified:** 09/15/2014

Date Certified: 09/15/2014

Cementer: 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

TR. #115318

1. Operator's Name (As shown on Form P-5, Organization Report) DEVON ENERGY PRODUCTION Co.	2. RRC Operator No. 216378	3. RRC District No. 7C	4. County of Well Site REAGAN
5. Field Name (Wildcat or exactly as shown on RRC Records) L.P. LIN (Wolfcamp)	6. API No. 42-383-38226	7. Drilling Permit No. 756398	
8. Lease Name UNIVERSITY 10	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. 17844	11. Well No. #2704H

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		9/18/13					
13. • Drilled Hole Size		17 1/2"					
• Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)		13 3/8"					
15. Top of liner (ft.)							
16. Setting depth (ft.)		859'					
17. Number of centralizers used		10					
18. Hrs. Waiting on cement before drill-out		8+					
1 st Slurry	19. API cement used: No. of sacks ▶	870					
	Class ▶	"C"					
	Additives ▶	#22					
2 nd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
3 rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1 st	20. Slurry pumped: Volume (cu. ft.) ▶	1522.5					
	Height (ft.) ▶	2192					
2 nd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
3 rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶	1522.5					
	Height (ft.) ▶	2192					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing ?		YES					

Remarks: SLURRY CLASS C + 4%GEL + 2% CaCl₂ + .125 PPS CELLOFLAKE + .01% STATIC FREE
CIRCULATED 92 BBLs OF LEAD CEMENT OR 295 SACKS

Tr. #115318

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date								
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)								
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lb/gal)								
31. Type cement								

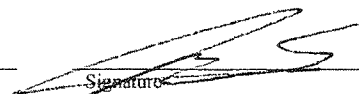
CEMENTER'S CERTIFICATE: I declare under penalties in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this Certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my Supervision, and that the 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.

JASON EVANS, Service Supervisor

Name and title of cementer's representative

Baker Hughes Incorporated

Cementing Company


Signature

P.O. Box 1135

Address Eldorado Texas 76936 (325) 853-2553 9/18/2013
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.

Annette Raines
Typed or printed name of operator's representative

Se. Reg. Specialist
Title

Annette Raines
Signature

333 W. Sheridan Ave. Oke OK 73162 405-228-8217 9/15/14
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 rates;
 - 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 Committee.
- 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 Non-deviated 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 (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 foot 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

Date February 12, 2013

GAU File No.: SC- 11286

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

API Number 38338225

Attention: ANNETTE RAINES

RRC Lease No. 000000

SC_216378_38338225_000000_11286.pdf

--Measured--

DEVON ENERGY PRODUCTION CO LP
333 W SHERIDAN AVE
OKLAHOMA CITY OK 73102

2630 ft FEL

2235 ft FSL

MRL:SECTION

Digital Map Location:

X-coord/Long 101.52614

Y-coord/Lat 31.23525

Datum 83 Zone

P-5# 216378

County REAGAN

Lease & Well No. UNIVERSITY 10 #2703H&PAD

Purpose ND

Location SUR-UL, BLK-10, SEC-27, -- [TD=6800], [RRC 7C],

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

The interval from the land surface to a depth of 750 feet must be protected.

This recommendation is applicable to all wells drilled on this PAD.

University 10 #2704H

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,

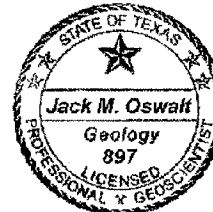


Digitally signed by Jack Oswalt
DN: c=US, st=TEXAS, l=Austin,
o=Railroad Commission of Texas,
cn=Jack Oswalt,
email=jack.oswalt@rrc.state.tx.us
Date: 2013.02.12 13:16:04 -06'00'

Jack M. Oswalt, P.G.

Geologist, Groundwater Advisory Unit
Oil & Gas Division

GEOLOGIST SEAL



The seal appearing on this document was authorized by Jack M. Oswalt on 2/12/2013
Note: Alteration of this electronic document will invalidate the digital signature.