

## RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Tracking No.: 113044

Status: Submitted

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API No. 42- 383-38227

7. RRC District No.  
7C8. RRC Lease No.  
17844

## Oil Well Potential Test, Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat) LIN (WOLFCAMP)		2. LEASE NAME UNIVERSITY 10		9. Well No. 2702H	
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) DEVON ENERGY PRODUCTION CO, L.P.		RRC Operator No. 216378		10. County of well site REAGAN	
4. ADDRESS ATTN VICTORIA SANCHEZ 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102-5010				11. Purpose of filing Initial Potential <input type="checkbox"/> Retest <input type="checkbox"/> Reclass <input type="checkbox"/> Well record only (Explain in remarks) <input checked="" type="checkbox"/>	
5. If Operator has changed within last 60 days, name former operator					
6a. Location (Section, Block, and Survey) 27, 10, UL, A-U233		6b. Distance and direction to nearest town in this county. BIG LAKE			
12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no. FIELD & RESERVOIR N/A		GAS ID or OIL LEASE #		Oil-O Gas-G	
				Well #	
13. Type of electric or other log run None		14. Completion or recompletion date 08/29/2013			

## SECTION I- POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified infield rules.

15. Date of test		16. No. of hours tested		17. Production method (Flowing, Gas Lift, Jetting, Pumping- Size & Type of pump)		18. Choke size	
19. Production during Test Period		Oil - BBLS	Gas - MCF	Water - BBLS	Gas - Oil Ratio	Flowing Tubing Pressure PSI	
20. Calculated 24-Hour Rate		Oil - BBLS	Gas - MCF	Water - BBLS	Oil Gravity-API-60°	Casing Pressure PSI	
21. Was swab used during this test?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	22. Oil produced prior to test (New & Reworked wells)		23. Injection Gas-Oil Ratio	
REMARKS: N/A							

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

## WELL TESTERS CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

## OPERATOR'S CERTIFICATION

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.

DEVON ENERGY PRODUCTION CO, L.P.

Type or printed name of operator's representative

(405) 228-8217

08/19/2014

Telephone: Area Code

Number

Month Day Year

Regulatory Specialist

Title of Person

Annette Raines

Signature

SECTION III		DATA ON WELL COMPLETION AND LOG (Not Required on Retest)					
24. Type of Completion New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>				25. Permit to Drill, Plug Back or Deepen DATE <b>02/12/2013</b> PERMIT NO. <b>756381</b> Rule 37 Exception <input type="checkbox"/> CASE NO. _____			
26. Notice of Intention to Drill this well was filed in Name of <b>DEVON ENERGY PRODUCTION CO, L.P.</b>				Water Injection Permit _____ PERMIT NO. _____ Salt Water Disposal Permit _____ PERMIT NO. _____ Other _____ PERMIT NO. _____			
27. Number of producing wells on this lease in this field (reservoir) including this well <b>16</b>		28. Total number of acres in this lease <b>7906.26</b>					
29. Date Plug Back, Deepening, Workover or Drilling Operations: <b>08/24/2013</b>		Commenced <b>08/29/2013</b>		Completed <b>690.0</b>		30. Distance to nearest well, Same Lease & Reservoir	
31. Location of well, relative to nearest lease boundaries <b>7565.0</b> Feet From <b>South</b> Line and <b>6186.0</b> Feet from <b>East</b> Line of the <b>UNIVERSITY 10</b> Lease							
32. Elevation (DF, RKB, RT, GR ETC.) <b>2713</b> <b>GL</b>				33. Was directional survey made other than inclination (Form W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
34. Top of Pay <b>814 MD:814</b>	35. Total Depth <b>814 MD:771</b>	36. P. B. Depth <b>814 MD:771</b>	37. Surface Casing Determined by Field Rules <input type="checkbox"/>	Recommendation of T.D.W.R. <input checked="" type="checkbox"/> Railroad Commission (Special) <input type="checkbox"/>	Dt. of Letter <b>02/12/2013</b> Dt. of Letter _____		
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. <b>FIELD &amp; RESERVOIR</b> <b>N/A</b>				GAS ID or OIL LEASE #	Oil-Gas-G	Well #	
40. Intervals Drilled by: Rotary Tools <input checked="" type="checkbox"/> Cable Tools _____				41. Name of Drilling Contractor		42. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
43. CASING RECORD (Report All Strings Set in Well)							
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
<b>13 3/8</b>		<b>814</b>		<b>CLASS C 820</b>	<b>17 1/2</b>	<b>0</b>	<b>1435.0</b>
44. LINER RECORD							
Size	Top	Bottom	Sacks Cement	Screen			
<b>N/A</b>							
45. TUBING RECORD				46. Producing Interval (this completion) Indicate depth of perforation or open hole			
Size	Depth Set	Packer Set	From	N/A		To	
<b>N/A</b>			From			To	
			From			To	
			From			To	
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
Depth Interval				Amount and Kind of Material Used			
<b>N/A</b>							
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)							
Formations	Depth	Formations	Depth				
<b>N/A</b>							
REMARKS: WRO W-2 FILED @ THE REQUEST OF RRC - WELL HAS NOT BEEN DRILLED AND COMPLETED - ONLY SURFACE CASING HAS BEEN SET.							

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. # 113044

1. Operator's Name (As shown on Form P-5, Organization Report) <b>DEVON ENERGY Prod. Co., L.P.</b>	2. RRC Operator No. <b>216378</b>	3. RRC District No. <b>7C</b>	4. County of Well Site <b>REAGAN</b>
5. Field Name (Wildcat or exactly as shown on RRC Records) <b>LIN (Wolfcamp)</b>		6. API No. <b>42-383-38227</b>	7. Drilling Permit No. <b>756381</b>
8. Lease Name <b>UNIVERSITY 10</b>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. <b>17844</b>	11. Well No. <b>2702H</b>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		<b>8/29/13</b>					
13. • Drilled Hole Size		<b>17 1/2"</b>					
• Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)		<b>13 3/8"</b>					
15. Top of liner (ft.)							
16. Setting depth (ft.)		<b>814'</b>					
17. Number of centralizers used		<b>10</b>					
18. Hrs. Waiting on cement before drill-out		<b>8+</b>					
1 <sup>st</sup> Slurry	19. API cement used: No. of sacks ▶	<b>820</b>					
	Class ▶	<b>"C"</b>					
	Additives ▶	<b>#22</b>					
2 <sup>nd</sup> Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
3 <sup>rd</sup> Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu. ft.) ▶	<b>1435</b>					
	Height (ft.) ▶	<b>2066</b>					
2nd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
3rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶	<b>1435</b>					
	Height (ft.) ▶	<b>2066</b>					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing ?		<b>YES</b>					

Remar LEAD;"C"+4%GEL+2%CACL2+.125 PPSCELLOFLAKE+.01% STATIC FREE. CIRCULATED 120 BBLS, 385 SACKS

TR #113044

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.

LEVANDOWSKI, Service Supervisor

Name and title of cementer's representative

BAKER HUGHES

Cementing Company

Signature

P.O. Box 1135

Address

Eldorado

City,

Texas

State,

76936

Zip Code

(325) 853-2553

Tel: Area Code

Number

8/29/13

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

Sr. Reg. Specialist

Title

Annette Raines

Signature

333 W. Sheridan Ave.

Address

OKC

City,

OK

State,

73102

Zip Code

405-228-8217

Tel.: Area Code

Number

8/19/14

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- **11285**

\*\*\*\*\* EXPEDITED APPLICATION \*\*\*\*\*

API Number **38338224**

Attention: **ANNETTE RAINES**

RRC Lease No. **000000**

**SC\_216378\_38338224\_000000\_11285.pdf**

--Measured--

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

**870 ft FEL**

**2235 ft FSL**

**MRL:SECTION**

Digital Map Location:

X-coord/Long **101.52051**

Y-coord/Lat **31.23521**

Datum **83** Zone

**P-5# 216378**

County **REAGAN**

Lease & Well No. **UNIVERSITY 10 #2701H&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 700 feet must be protected.


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

*University 10 #2702H*

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](mailto:gau@rrc.state.tx.us), or by mail.

Sincerely,

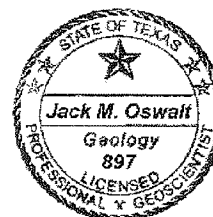


Digitally signed by Jack Oswalt  
DN: c=US, st=TEXAS, l=Austin, o=Railroad  
Commission of Texas, cn=Jack Oswalt,  
email=jack.oswalt@rrc.state.tx.us  
Date: 2013.02.12 13:12:18 -06'00'

**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.