RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Submitted
Date: 02/18/2015
Tracking No.: 126646

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.: 42-105-41761 **County:** CROCKETT
Well No.: 11H **RRC District No.:** 7C
Lease Name: UNIVERSITY 52-23 **Field Name:** LIN (WOLFCAMP)
RRC Lease No.: 18140 **Field No.:** 53613750
Location: Section: 23, Block: 52, Survey: UL, Abstract:

Latitude: 31.02456 **Longitude:** -100.97788
This well is located 25.33 **miles in a** NW **direction from** OZONA, **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:** 12/21/2014

Type of Permit	Date	Permit No.
Permit to Drill, Plug Back, or Deepen	04/05/2013	760033
Rule 37 Exception		
Fluid Injection Permit		
O&G Waste Disposal Permit		
Other:		

COMPLETION INFORMATION

Spud date: 09/17/2014 **Date of first production after rig released:** 12/21/2014
Date plug back, deepening, recompletion, or drilling operation commenced: 09/17/2014 **Date plug back, deepening, recompletion, or drilling operation ended:** 10/29/2014
Number of producing wells on this lease in this field (reservoir) including this well: 11 **Distance to nearest well in lease & reservoir (ft.):** 406.0
Total number of acres in lease: 2031.90 **Elevation (ft.):** 2562 GL
Total depth TVD (ft.): 5795 **Total depth MD (ft.):** 14136
Plug back depth TVD (ft.): 5795 **Plug back depth MD (ft.):** 14066
Was directional survey made other than inclination (Form W-12)? Yes **Rotation time within surface casing (hours):** 93.8 **Is Cementing Affidavit (Form W-15) attached?** Yes
Recompletion or reclass? No **Multiple completion?** No
Type(s) of electric or other log(s) run: None
Electric Log Other Description:
Location of well, relative to nearest lease boundaries of lease on which this well is located: 7595.0 **Feet from the** North **Line and** 1847.0 **Feet from the** East **Line of the** UNIVERSITY 52-23 **Lease.** **Off Lease :** No

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.):** 720.0 **Date:** 03/27/2014

SWR 13 Exception **Depth (ft.):**

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION

Date of test: 12/30/2014 **Production method:** Gas Lift

Number of hours tested: 24 **Choke size:** 64/64

Was swab used during this test? No **Oil produced prior to test:** 992.00

PRODUCTION DURING TEST PERIOD:

Oil (BBLS): 185.00 **Gas (MCF):** 262

Gas - Oil Ratio: 1416 **Flowing Tubing Pressure:** 210.00

Water (BBLS): 1284

CALCULATED 24-HOUR RATE

Oil (BBLS): 185.0 **Gas (MCF):** 262

Oil Gravity - API - 60.: 39.0 **Casing Pressure:** 1000.00

Water (BBLS): 1284

CASING RECORD

Row	Type of Casing	Casing Size (in.)	Hole Size (in.)	Setting Depth (ft.)	Multi - Stage Tool 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	9 5/8	12 1/4	849			CLASS C	395	691.0	0	Circulated to Surface
2	Conventional Production	5 1/2	8 3/4	14070			CLASS H	2610	4074.0	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

N/A

TUBING RECORD

Row	Size (in.)	Depth Size (ft.)	Packer Depth (ft.)/Type
1	2 7/8	6065	/

PRODUCING/INJECTION/DISPOSAL INTERVAL

Row	Open hole?	From (ft.)	To (ft.)
1	No	L1 6151	14009.0

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: 8203

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	FRAC WITH 329,596 BBL. SLICKWATER + 15,472,803 LBS. SAND	6151	14009

FORMATION RECORD

Formations	Encountered	Depth TVD (ft.)	Depth MD (ft.)	Is formation isolated?	Remarks
QUEEN	Yes	1800.0	1800.0	Yes	ESTIMATE
SAN ANDRES	Yes	2500.0	2500.0	Yes	ESTIMATE
LEONARD	Yes	4000.0	4000.0	Yes	ESTIMATE
WOLFCAMP	Yes	5478.0	5512.0	Yes	
CANYON	Yes	4400.0	4400.0	Yes	ESTIMATE
LOWER SPRABERRY	Yes	4588.0	4601.0	Yes	
DEAN	Yes	5358.0	5379.0	Yes	
STRAWN	No			No	DID NOT DRILL TO STRAWN FORMATION
DEVONIAN	No			No	DID NOT DRILL TO DEVONIAN FORMATION
ELLENBURGER	No			No	DID NOT DRILL TO ELLENBURGER FORMATION

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 IS @ 5,165'. DISTANCE TO THE NEAREST WELL HAS CHANGED FROM 300' TO 406'.

RRC REMARKS

PUBLIC COMMENTS:

CASING RECORD :

TUBING RECORD:

PRODUCING/INJECTION/DISPOSAL INTERVAL :

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

POTENTIAL TEST DATA:

OPERATOR'S CERTIFICATION

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

Telephone No.: (405) 228-8217 **Date Certified:** 02/18/2015

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. # 126646

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
Devon Energy Prod. Co., L.P.	216378	7C	CROCKETT

5. Field Name (Wildcat or exactly as shown on RRC Records)	6. API No.	7. Drilling Permit No.
Lin (Wolfcamp)	42-105-41761	760033

8. Lease Name	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No.
UNIVERSITY 52-23		18140	11H

CASING CEMENTING DATA:		Surface Casing	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		9/18/14					
13. • Drilled Hole Size		12 1/4"					
• Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)		9 5/8"					
15. Top of liner (ft.)							
16. Setting depth (ft.)		849'					
17. Number of centralizers used		8					
18. Hrs. Waiting on cement before drill-out		8+					
1st Slurry	19. API cement used: No. of sacks	395					
	Class	"C"					
	Additives	#22					
2nd Slurry	No. of sacks						
	Class						
	Additives						
3rd Slurry							
	Class						
	Additives						
1st	20. Slurry pumped: Volume (cu. ft.)	691					
	Height (ft.)	2206					
2nd	Volume (cu. ft.)						
	Height (ft.)						
3rd	Volume (cu. ft.)						
	Height (ft.)						
Total	Volume (cu. ft.)	691					
	Height (ft.)	2206					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing ?		YES					

Remarks: 1st SLURRY PREMIUM "C"+2%CACl2+0.125pps CELLOFLAKE+4%BENTONITE +.01% STATIC FREE

CIRCULATED 45 BBLS AT 13.5 PPG 144 SKS

1070

TR.# 126646

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.

JESUS LOPEZ, Service Supervisor — Name and title of cementer's representative

: Baker Hughes Oilfield Operations Inc. — Cementing Company

Signature

P.O. Box 1135 — Address

Eldorado City, **Texas** State, **76936** Zip Code

(325) 853-2553 Tel: Area Code Number

9/18/14 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

Regulatory Advisor — Title

Annette Raines — Signature

333 W. Sheridan Ave. — Address

OKC City, OK State, 73102 Zip Code

405-228-8217 Tel.: Area Code Number

2/16/15 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.

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

TR. # 126646

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
Devon Energy Prod. Co., L.P.	216378	7C	CROCKETT

5. Field Name (Wildcat or exactly as shown on RRC Records)	6. API No.	7. Drilling Permit No.
LIN (Wolfcamp)	42-105-41761	760033

8. Lease Name	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No.
UNIVERSITY 52-23		18140	11H

CASING CEMENTING DATA:		Surface Casing	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date				10/27/14			
13. • Drilled Hole Size				8 3/4"			
• Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)				5 1/2"			
15. Top of liner (ft.)							
16. Setting depth (ft.)				14,070'			
17. Number of centralizers used				210			
18. Hrs. Waiting on cement before drill-out				8+			
1st Slurry	19. API cement used: No. of sacks			650			
	Class			"H"			
	Additives			#22			
2nd Slurry	No. of sacks			1960			
	Class			"H"			
	Additives			#22			
3rd Slurry							
	Class						
	Additives						
1st	20. Slurry pumped: Volume (cu. ft.)			1566			
	Height (ft.)			6199			
2nd	Volume (cu. ft.)			2508			
	Height (ft.)			9928			
3rd	Volume (cu. ft.)						
	Height (ft.)						
Total	Volume (cu. ft.)			4074			
	Height (ft.)			16127			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing ?				YES			

Remarks: 1st SLURRY CLASS "H'50/50 POZ+10%GEL+0.8%FL-52+0.8%ASA-301+0.8%SMS+3#KOLSEAL+0.25#CELLOFLAKE+.01%STATIC FREE+2% SALT{bwow} 2nd CLASS H 50/50 POZ+0.5%FL-52+0.5%FL-25+0.3%CD-32+0.6%SMS+.01%STATIC FREE+5%SALT{bwow}+0.25%R-3 CIRCULATED 136 BBLS AT 11.8 PPG 317 SKS

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								

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: Baker Hughes Oilfield Operations Inc. — Cementing Company

Signature

P.O. Box 1135 — Address

Eldorado City, **Texas** State, **76936** Zip Code

(325) 853-2553 Tel: Area Code Number

10/27/14 Date: mo. day yr.

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Annette Raines — Typed or printed name of operator's representative

Regulatory Advisor — Title

Annette Raines — Signature

333 W. Sheridan Ave. — Address

OKC City, OK State, 73102 Zip Code

405-228-8217 Tel.: Area Code Number

2/16/15 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) .

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B. Where to file. The appropriate Commission District Office for the county in which the well is located.

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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.

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

ELECTRIC LOG STATUS REPORT

FORM L-1

Tracking No.: 126646

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: DEVON ENERGY PRODUCTION CO, L.P.	District No. 7C	Completion Date: 12/21/2014
Field Name LIN (WOLFCAMP)	Drilling Permit No. 760033	
Lease Name UNIVERSITY 52-23	Lease/ID No. 18140	Well No. 11H
County CROCKETT	API No. 42- 105-41761	

SECTION II. LOG STATUS (Complete either A or B)

[X] 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). _____

Annette Raines Signature	Regulatory Specialist Title
DEVON ENERGY PRODUCTION CO, L.P. Name (print)	(405) 228-8217 Phone 02/17/2015 Date

-FOR RAILROAD COMMISSION USE ONLY-

STATEMENT OF PRODUCTIVITY OF ACREAGE ASSIGNED TO PRORATION UNITS

Form P-15

Tracking No.: 126646

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 DEVON ENERGY PRODUCTION CO, L.P. (OPERATOR), UNIVERSITY 52-23 (LEASE), No. 11H (WELL); that such well is completed in the LIN (WOLFCAMP) Field, CROCKETT 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 160.0 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,

Date 02/17/2015 Signature Annette Raines

Telephone (405) 228-8217 (AREA CODE) Title Regulatory Specialist

RAILROAD COMMISSION OF TEXAS

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

P-16 Data Sheet (Optional)
Page 1
Rev. 09/2014

Acreage Designation

SECTION I. OPERATOR INFORMATION

Operator Name: Devon Energy Production Co., L.P.	**Operator P-5 No.:** 216378
Operator Address: 333 W. Sheridan Ave., Oklahoma City, OK 73102	

SECTION II. WELL INFORMATION

District No.: 7C	**County:** Crockett	**Purpose of Filing:**
Well No.: 11H	**API No.:** 42-105-41761	☐ Drilling Permit Application (Form W-1)
Total Lease Acres: 2,031.90	**Drilling Permit No.:** 760033	☑ Completion Report (Form G-1/W-2)
Lease Name: University 52-23	**Lease No.:** 18140	
Field Name: Lin (Wolfcamp)	**Field No.:** 53613750	

Filer is the owner or lessee, or has been authorized by the owner or lessee, of all or an undivided portion of the mineral estate under each tract for which filer is listed as operator below. For all leases operated by other entities, the number of assigned acres shown are reflected on current Commission records or the filer has been authorized by the current operator to change the assigned acreage of that operator as shown below.

SECTION III. LISTING OF ALL WELLS IN THE APPLIED-FOR FIELD ON THE SAME ACREAGE AS THE LEASE, POOLED UNIT, OR UNITIZED TRACT DESIGNATED IN SECTION II ABOVE BY FILER

RRC ID No. or Lease No.	Well No.	H-Horizontal D-Directional V-Vertical	Lease Name	API No.	Acres Assigned	SWR 38 Except. (Y/N)	Operator Name and Operator No. (if different from filing operator)
18140	1H	H	University 52-23	42-105-41582	150.00	N	
18140	2H	H	University 52-23	42-105-41646	200.00	N	
18140	3H	H	University 52-23	42-105-41649	200.00	N	
18140	4H	H	University 52-23	42-105-41650	150.00	N	
18140	5H	H	University 52-23	42-105-41651	151.90	N	
18140	6H	H	University 52-23	42-105-41652	170.00	N	
18140	7H	H	University 52-23	42-105-41757	200.00	N	
18140	8H	H	University 52-23	42-105-41758	160.00	N	
18140	9H	H	University 52-23	42-105-41759	320.00	N	
18140	10H	H	University 52-23	42-105-41760	170.00	N	
18140	11H	H	University 52-23	42-105-41761	160.00		

Total Well Count >	11	2,031.90	< A. Total Assigned Horiz. Acreage	2031.9	< C. Total Assigned Acreage
		0	< Total Remaining Horiz. Acreage	0	< Total Remaining Acreage
			< B. Total Assigned Vert./Dir. Acreage		
		0	< Total Remaining Vert./Dir. Acreage		

SECTION IV. REMARKS / PURPOSE OF FILING (see instructions)

To show completion of new well (#11H) and revision of acreage for Well No. 8H

Attach Additional Pages As Needed. ☑ No additional pages ☐ Additional Pages: ____ (No. of additional pages)

CERTIFICATION: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that this report was prepared by me or under my supervision or direction, that I am authorized to make this report, and that the information contained in this report is true, correct, and complete to the best of my knowledge.

Signature	Name and title (type or print)	Email (include email address *only* if you affirmatively consent to its public release)
Annette Raines	Annette Raines	annette.raines@dvn.com

Address	City, State, Zip Code	Tel: Area Code Number	Date: mo. day yr.
333 W. Sheridan Ave., Oklahoma City, OK 73012		405-228-8217	02/16/2015

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date: March 27, 2013

GAU File No.: SC- 15148

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

API Number: 10500000

Attention: ANNETTE RAINES

RRC Lease No.: 000000

SC_216378_10500000_000000_15148.pdf

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

--Measured--
1887 ft FEL
2160 ft FNL
MRL:SECTION

Digital Map Location:
X-coord/Long: 100.97800
Y-coord/Lat: 31.02456
Datum: 83 Zone:

P-5# 216378

County: CROCKETT Lease & Well No.: UNIVERSITY 52-23 #10H&PAD Purpose: ND

Location: SUR-UL,BLK-52,SEC-23,--[TD=8000],[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 20 feet below the base of Cretaceous-age beds must be protected. The base of the Cretaceous is estimated to occur at a depth of 700 feet.

This recommendation is applicable to all wells drilled in this PAD IN SECTION 23.

University 52-23 # 11H

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.

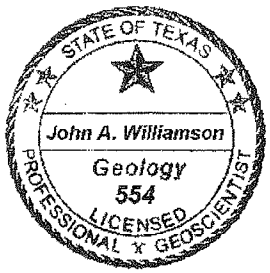
Sincerely,

Digitally signed by John Williamson
DN: c=US, st=TEXAS, l=Austin, o=Railroad Commission of Texas, cn=John Williamson, email=john.williamson@rrc.state.tx.us
Date: 2013.03.27 14:03:00 -05'00'

John A. Williamson, P.G.

Geologist, Groundwater Advisory Unit
Oil & Gas Division

GEOLOGIST SEAL



The seal appearing on this document was authorized by John A. Williamson on 3/27/2013
Note: Alteration of this electronic document will invalidate the digital signature.

I hereby certify that this plat
is true and correct to the best
of my belief and knowledge

Annette Raines

Annette Raines

N

Section 12
Block 52
University Lands
Survey

Section 13
Block 52
University Lands
Survey

Section 14
Block 52
University Lands
Survey

7595
7513

Section 19
Block 52
University Lands
Survey

Section 18
Block 52
University Lands
Survey

Section 17
Block 52
University Lands
Survey

11H - SHL
Elev: 2562
Lat: 31.01284
Lon: -100.58403
NAD 83, Central TX

2160
2077

10H SHL
pp
1484
1847

Section 12
Block 52
University Lands
Survey

7H SHL
8H& 9H SHL
1tp
1457

Section 24
Block 52
University Lands
Survey

2H& 3H SHL
4H& 5H SHL
1H SHL
6H SHL

Section 23
Block 52
University Lands
Survey

Nearest
Well
406

2671

Section 4
Block 55
University Lands
Survey

Section 3
Block 55
University Lands
Survey

Section 2
Block 55
University Lands
Survey

ltp
bhl
1411
1465

140
267
8114

Section 7
Block 55
University Lands
Survey

Section 8
Block 55
University Lands
Survey

Section 9
Block 55
University Lands
Survey

Legend

- 11H - SHL
- 11H - PP
- 11H - 1TP
- 11H - LTP
- 11H - BHL
- 11H - WELLPATH
- 11H - DIMS
- Survey_Lines
- Lease_Boundary
- _Extra_Wells

Feet
0 1,000 2,000 4,000

SCALE 1"=1000'

Well Location is 25.33 miles NE of the City of Ozona, Crockett County, TX

Total Depth: 5795' (Elev 2562)
Surface Hole Location:
2160' FNL & 1847' FEL of the University Land Survey
7595' FNL & 1847' FEL of the lease.
Penetration Point:
2077' FNL & 1484' FEL of the University Land Survey
7513' FNL & 1484' FEL of the lease.
First Take Point:
2671' FSL & 1457' FEL of the University Land Survey
8114' FSL & 1457' FEL of the lease.
Last Take Point:
267' FSL & 1411' FEL of the University Land Survey
267' FSL & 1411' FEL of the lease.
Bottom Hole location:
140' FSL & 1465' FEL of the University Land Survey
140' FSL & 1465' FEL of the lease.

Devon Energy Production Company L.P.
333 W Sheridan - Oklahoma City 73102

University 52-23 #11H
2031.90 Acres in Lease
Lin (Wolfcamp) Field
University Land Survey
Crockett County, Texas

DATE: 02/06/2015
by AC