

API No. <u>42-383-38227</u> Drilling Permit # <u>756381</u> SWR Exception Case/Docket No. _____		<b>RAILROAD COMMISSION OF TEXAS</b> <b>OIL &amp; GAS DIVISION</b> <b>APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER</b> <i>This facsimile W-1 was generated electronically from data submitted to the RRC.</i> <i>A certification of the automated data is available in the RRC's Austin office.</i>			<b>FORM W-1</b> 07/2004 Permit Status: <b>Approved</b>	
1. RRC Operator No. <u>216378</u>		2. Operator's Name (as shown on form P-5, Organization Report) <u>DEVON ENERGY PRODUCTION CO, L.P.</u>		3. Operator Address (include street, city, state, zip): 		
4. Lease Name <u>UNIVERSITY 10</u>		5. Well No. <u>2702H</u>				
<b>GENERAL INFORMATION</b>						
6. Purpose of filing (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between;"> <span><input checked="" type="checkbox"/> New Drill</span> <span><input type="checkbox"/> Recompletion</span> <span><input type="checkbox"/> Reclass</span> <span><input type="checkbox"/> Field Transfer</span> <span><input type="checkbox"/> Re-Enter</span> </div> <div style="display: flex; justify-content: space-between;"> <span><input type="checkbox"/> Amended</span> <span><input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D)</span> </div>						
7. Wellbore Profile (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between;"> <span><input type="checkbox"/> Vertical</span> <span><input checked="" type="checkbox"/> Horizontal (Also File Form W-1H)</span> <span><input type="checkbox"/> Directional (Also File Form W-1D)</span> <span><input type="checkbox"/> Sidetrack</span> </div>						
8. Total Depth <u>9000</u>		9. Do you have the right to develop the minerals under any right-of-way ? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		10. Is this well subject to Statewide Rule 36 (hydrogen sulfide area)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<b>SURFACE LOCATION AND ACREAGE INFORMATION</b>						
11. RRC District No. <u>7C</u>		12. County <u>REAGAN</u>		13. Surface Location <input checked="" type="checkbox"/> Land <input type="checkbox"/> Bay/Estuary <input type="checkbox"/> Inland Waterway <input type="checkbox"/> Offshore		
14. This well is to be located <u>4.59</u> miles in a <u>NW</u> direction from <u>Big Lake</u> which is the nearest town in the county of the well site.						
15. Section <u>27</u>	16. Block <u>10</u>	17. Survey <u>UL</u>	18. Abstract No. <u>A-U233</u>	19. Distance to nearest lease line: <u>100</u> ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <u>7906.26</u>	
21. Lease Perpendiculars: <u>7565</u> ft from the <u>SOUTH</u> line and <u>6186</u> ft from the <u>EAST</u> line.		22. Survey Perpendiculars: <u>2235</u> ft from the <u>SOUTH</u> line and <u>910</u> ft from the <u>EAST</u> line.				
23. Is this a pooled unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		24. Unitization Docket No: _____		25. Are you applying for Substandard Acreage Field? <input type="checkbox"/> Yes (attach Form W-1A) <input checked="" type="checkbox"/> No		
<b>FIELD INFORMATION</b> List all fields of anticipated completion including Wildcat. List one zone per line.						
26. RRC District No.	27. Field No.	28. Field Name (exactly as shown in RRC records)	29. Well Type	30. Completion Depth	31. Distance to Nearest Well in this Reservoir	32. Number of Wells on this lease in this Reservoir
7C	53613750	LIN (WOLFCAMP)	Oil or Gas Well	6800	690.00	16
<b>BOTTOMHOLE LOCATION INFORMATION</b> is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)						
<b>Remarks</b> [RRC STAFF Feb 12, 2013 10:37 AM]: Manual review ok, density met.			<b>Certificate:</b> I certify that information stated in this application is true and complete, to the best of my knowledge.  <div style="display: flex; justify-content: space-between;"> <div> <u>Annette Raines, Regulatory Specialist</u>            Name of filer         </div> <div> <u>Feb 07, 2013</u>            Date submitted         </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <u>(405)2288217</u>            Phone         </div> <div> <u>annette.raines@dvn.com</u>            E-mail Address (OPTIONAL)         </div> </div>			
<b>RRC Use Only</b> Data Validation Time Stamp:    Feb 12, 2013 10:37 AM( 'As Approved' Version )						

Permit Status: **Approved**

*The RRC has not approved this application.  
Duplication or distribution of information is  
at the user's own risk.*

**RAILROAD COMMISSION OF TEXAS  
OIL & GAS DIVISION**

**Form W-1H** 07/2004  
**Supplemental Horizontal Well Information**

**APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER**

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A certification of the automated data is available in the RRC's Austin office.*

Permit # **756381**

Approved Date: **Feb 12, 2013**

1. RRC Operator No. <b>216378</b>	2. Operator's Name (exactly as shown on form P-5, Organization Report) <b>DEVON ENERGY PRODUCTION CO, L.P.</b>	3. Lease Name <b>UNIVERSITY 10</b>	4. Well No. <b>2702H</b>
<b>Lateral Drainhole Location Information</b>			
5. Field as shown on Form W-1 <b>LIN (WOLFCAMP) (Field # 53613750, RRC District 7C)</b>			
6. Section <b>22</b>	7. Block <b>10</b>	8. Survey <b>UNIVERSITY LANDS</b>	9. Abstract <b></b>
10. County of BHL <b>REAGAN</b>			
11. Terminus Lease Line Perpendiculars <b>100</b> ft. from the <b>North</b> line. and <b>6585</b> ft. from the <b>East</b> line			
12. Terminus Survey Line Perpendiculars <b>100</b> ft. from the <b>North</b> line. and <b>1330</b> ft. from the <b>East</b> line			
13. Penetration Point Lease Line Perpendiculars <b>7865</b> ft. from the <b>South</b> line. and <b>6486</b> ft. from the <b>East</b> line			

**RAILROAD COMMISSION OF TEXAS**  
**OIL & GAS DIVISION**

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

PERMIT NUMBER <b>756381</b>	DATE PERMIT ISSUED OR AMENDED <b>Feb 12, 2013</b>	DISTRICT <b>* 7C</b>
API NUMBER <b>42-383-38227</b>	FORM W-1 RECEIVED <b>Feb 07, 2013</b>	COUNTY <b>REAGAN</b>
TYPE OF OPERATION <b>NEW DRILL</b>	WELLBORE PROFILE(S) <b>Horizontal</b>	ACRES <b>7906.26</b>
OPERATOR <b>DEVON ENERGY PRODUCTION CO, L.P.</b>		<b>216378</b> <b>NOTICE</b> This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. <b>District Office Telephone No:</b> <b>(325) 657-7450</b>
LEASE NAME <b>UNIVERSITY 10</b>		WELL NUMBER <b>2702H</b>
LOCATION <b>4.59 miles NW direction from BIG LAKE</b>		TOTAL DEPTH <b>9000</b>
Section, Block and/or Survey SECTION <b>◀ 27</b> BLOCK <b>◀ 10</b> ABSTRACT <b>◀ U233</b> SURVEY <b>◀ UL</b>		
DISTANCE TO SURVEY LINES <b>2235 ft. SOUTH    910 ft. EAST</b>		DISTANCE TO NEAREST LEASE LINE <b>100 ft.</b>
DISTANCE TO LEASE LINES <b>7565 ft. SOUTH    6186 ft. EAST</b>		DISTANCE TO NEAREST WELL ON LEASE <b>See FIELD(s) Below</b>
FIELD(s) and LIMITATIONS: <p align="center"><b>* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</b></p>		
FIELD NAME LEASE NAME	ACRES NEAREST LEASE	DEPTH NEAREST WE
----- <b>LIN (WOLFCAMP)</b> <b>UNIVERSITY 10</b> -----	<b>7906.26</b> <b>100</b>	<b>6,800</b> <b>690</b>
----- <b>WELLBORE PROFILE(s) FOR FIELD: Horizontal</b> -----		
RESTRICTIONS:    Lateral: TH1 Penetration Point Location Lease Lines:        7865.0 F SOUTH L 6486.0 F EAST L Terminus Location BH County: REAGAN Section: 22                      Block: 10                      Abstract: Survey: UNIVERSITY LANDS Lease Lines:                      100.0 F NORTH L 6585.0 F EAST L Survey Lines:                      100.0 F NORTH L 1330.0 F EAST L		
<p align="center"><b>THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS</b></p> <p>This well shall be completed and produced in compliance with applicable special field or statewide spacing and density rules. If this well is to be used for brine mining, underground storage of liquid hydrocarbons in salt formations, or underground storage of gas in salt formations, a permit for that specific purpose must be obtained from Environmental Services prior to construction, including drilling, of the well in accordance with Statewide Rules 81, 95, and 97.</p>		

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

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

--Measured--

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.

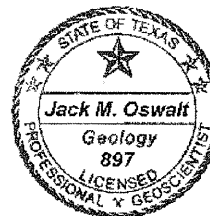
Sincerely,



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'

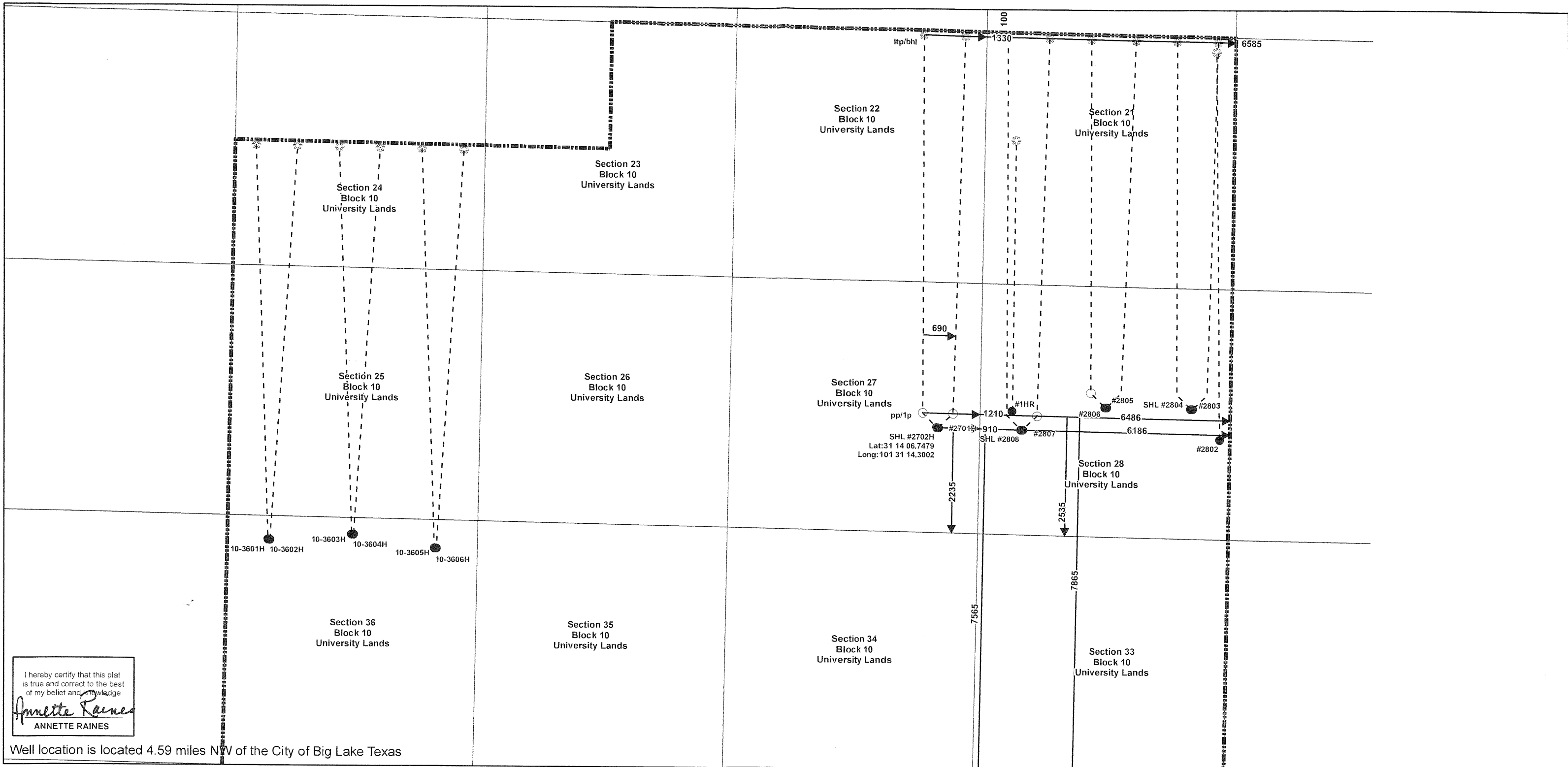
Jack M. Oswalt, P.G.

GEOLOGIST SEAL



Geologist, Groundwater Advisory Unit  
Oil & Gas Division

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.



I hereby certify that this plat  
is true and correct to the best  
of my belief and knowledge  
*Annette Raines*  
ANNETTE RAINES

Well location is located 4.59 miles NW of the City of Big Lake Texas

Total Depth: 9000'(Elev 2713)  
Surface Location:  
2235' FSL & 910' FEL of the University Land Survey.  
7565' FSL & 6186' FEL of the lease.  
Penetration Point & 1st Take Point:  
2535' FSL & 1210' FEL of the University Land Survey.  
7865' FSL & 6486' FEL of the lease  
Last Take Point & Bottom Hole Location:  
100' FNL & 1330' FEL of the University Land Survey.  
100' FNL & 6585' FEL of the lease.

Block 10, University Land Survey  
Reagan County, Texas

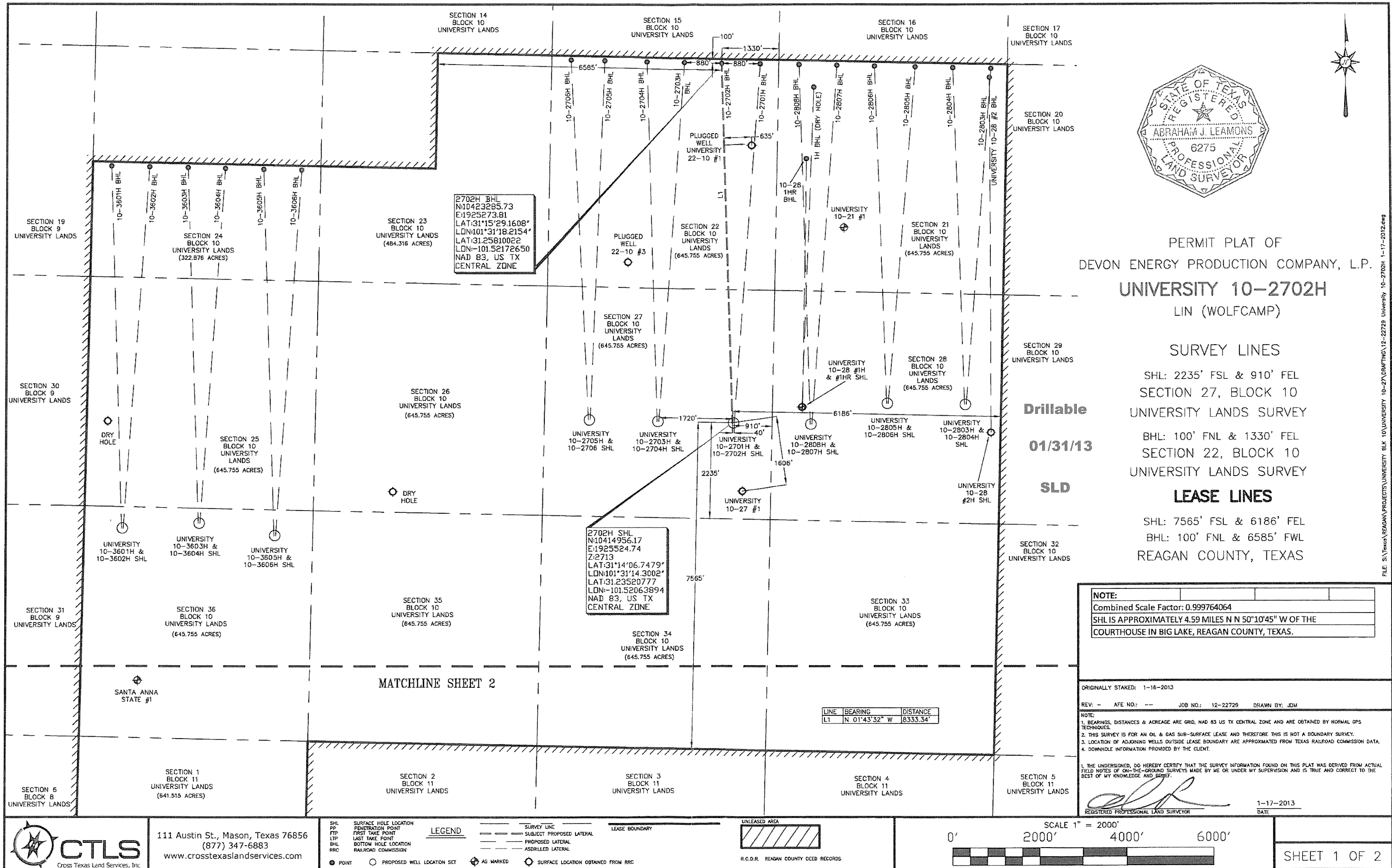
0 1,000 2,000 4,000  
Feet



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

University 10-2702H  
7906.26 Acres in Lease  
Sections 27 Block 10  
University Land Survey  
Reagan County, Texas  
Field: Lin(Wolfcamp)

DATE: 2-7-2013  
by EM



PERMIT PLAT OF  
DEVON ENERGY PRODUCTION COMPANY, L.P.  
**UNIVERSITY 10-2702H**  
LIN (WOLFCAMP)

**SURVEY LINES**  
SHL: 2235' FSL & 910' FEL  
SECTION 27, BLOCK 10  
UNIVERSITY LANDS SURVEY  
BHL: 100' FNL & 1330' FEL  
SECTION 22, BLOCK 10  
UNIVERSITY LANDS SURVEY

**LEASE LINES**  
SHL: 7565' FSL & 6186' FEL  
BHL: 100' FNL & 6585' FWL  
REAGAN COUNTY, TEXAS

**Drillable**  
**01/31/13**  
**SLD**

**NOTE:**  
Combined Scale Factor: 0.999764064  
SHL IS APPROXIMATELY 4.59 MILES N N 50°10'45" W OF THE  
COURTHOUSE IN BIG LAKE, REAGAN COUNTY, TEXAS.

ORIGINALLY STAKED: 1-16-2013  
REV: — AFE NO.: — JOB NO.: 12-22729 DRAWN BY: JDM  
**NOTE:**  
1. BEARINGS, DISTANCES & ACREAGE ARE GRID, NAD 83 US TX CENTRAL ZONE AND ARE OBTAINED BY NORMAL GPS TECHNIQUES.  
2. THIS SURVEY IS FOR AN OIL & GAS SUB-SURFACE LEASE AND THEREFORE THIS IS NOT A BOUNDARY SURVEY.  
3. LOCATION OF ADJOINING WELLS OUTSIDE LEASE BOUNDARY ARE APPROXIMATED FROM TEXAS RAILROAD COMMISSION DATA.  
4. DOWNHOLE INFORMATION PROVIDED BY THE CLIENT.  
I, THE UNDERSIGNED, DO HEREBY CERTIFY THAT THE SURVEY INFORMATION FOUND ON THIS PLAT WAS DERIVED FROM ACTUAL FIELD NOTES OF ON-THE-GROUND SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  
*[Signature]*  
REGISTERED PROFESSIONAL LAND SURVEYOR  
1-17-2013  
DATE



111 Austin St., Mason, Texas 76856  
(877) 347-6883  
www.crosstexaslandservices.com

- LEGEND**
- POINT
  - PROPOSED WELL LOCATION SET
  - ⊕ AS MARKED
  - SURFACE LOCATION OBTAINED FROM RRC
  - SURVEY LINE
  - SUBJECT PROPOSED LATERAL
  - PROPOSED LATERAL
  - AS DRILLED LATERAL
  - LEASE BOUNDARY

UNLEASED AREA  
R.C.D.R. REAGAN COUNTY DEED RECORDS

