



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**

*This facsimile W-1 was generated electronically from data submitted to the RRC.  
A certification of the automated data is available in the RRC's Austin office.*

Permit # **779073**  
Approved Date: **Feb 28, 2014**

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 50-14</b>	4. Well No. <b>3H</b>
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**Lateral Drainhole Location Information**

5. Field as shown on Form W-1 **LIN (WOLFCAMP) (Field # 53613750, RRC District 7C)**

6. Section <b>14</b>	7. Block <b>50</b>	8. Survey <b>UNIVERSITY LAND</b>	9. Abstract	10. County of BHL <b>CROCKETT</b>
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11. Terminus Lease Line Perpendiculars <b>100</b> ft. from the <b>North</b> line. and <b>395</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>395</b> ft. from the <b>East</b> line
13. Penetration Point Lease Line Perpendiculars <b>240</b> ft. from the <b>South</b> line. and <b>395</b> ft. from the <b>East</b> line





**RAILROAD COMMISSION OF TEXAS  
OIL & GAS DIVISION  
SWR #13 Formation Data**

**CROCKETT (105) County**

Formation	Shallow Top	Deep Top	Remarks	Geological Order	Effective Date
QUEEN	1,000	2,300		1	12/17/2013
SAN ANDRES	1,000	3,700		2	12/17/2013
LEONARD	3,100	4,200		3	12/17/2013
WOLFCAMP	3,400	6,300		4	12/17/2013
CANYON	4,000	8,800		5	12/17/2013
STRAWN	7,100	11,600		6	12/17/2013
DEVONIAN	8,900	11,900		7	12/17/2013
ELLENBURGER	6,500	13,400		8	12/17/2013

This is a dynamic table that will be updated continuously. It is the operators responsibility to make sure that at time of spudding the well the most current table is being referenced.

Groundwater  
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date February 18, 2014

GAU File No.: SC- 15512

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

API Number 1050000

Attention: ANNETTE RAINES

RRC Lease No. 000000

SC\_216378\_10500000\_000000\_15512.pdf

--Measured--

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

863 ft FEL

240 ft FSL

MRL: SECTION

Digital Map Location:

X-coord/Long 101.40883

Y-coord/Lat 30.99664

Datum 83

Zone

P-5# 216378

County CROCKETT

Lease & Well No. UNIVERSITY 50-14 #2H&PAD

Purpose ND

Location SUR-UL, BLK-50, SEC-14, -- [TD=6900], [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 the base of the SANTA ROSA, which is estimated to occur at a depth of 800 feet, must be protected.

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

University 50-14 #3H

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).

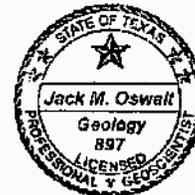
If you have any questions, please contact us at 512-463-2741, [gau@rrc.state.tx.us](mailto:gau@rrc.state.tx.us), or by mail

Sincerely,

  
Digitally signed by Jack Oswalt  
DN: c=US, st=TEXAS, l=Austin,  
o=Railroad Commission of Texas,  
ou=Groundwater Advisory Unit, cn=Jack  
Oswalt, email=jack.oswalt@rrc.state.tx.us  
Date: 2014.02.18 11:15:37 -0600

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 2/18/2014  
Note: Alteration of this electronic document will invalidate the digital signature.



