

API No. <u>42-105-41757</u> Drilling Permit # <u>759869</u> SWR Exception Case/Docket No. _____		RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <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>			FORM W-1 07/2004 Permit Status: Approved	
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 52-23</u>		5. Well No. <u>7H</u>				
GENERAL INFORMATION						
6. Purpose of filing (mark ALL appropriate boxes): <input checked="" type="checkbox"/> New Drill <input type="checkbox"/> Recompletion <input type="checkbox"/> Reclass <input type="checkbox"/> Field Transfer <input type="checkbox"/> Re-Enter <input type="checkbox"/> Amended <input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D)						
7. Wellbore Profile (mark ALL appropriate boxes): <input type="checkbox"/> Vertical <input checked="" type="checkbox"/> Horizontal (Also File Form W-1H) <input type="checkbox"/> Directional (Also File Form W-1D) <input type="checkbox"/> Sidetrack						
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		
SURFACE LOCATION AND ACREAGE INFORMATION						
11. RRC District No. <u>7C</u>		12. County <u>CROCKETT</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>25.02</u> miles in a <u>NE</u> direction from <u>Ozona</u> which is the nearest town in the county of the well site.						
15. Section <u>23</u>		16. Block <u>52</u>		17. Survey <u>UL</u>		
		18. Abstract No. <u>A-</u>		19. Distance to nearest lease line: <u>100</u> ft.		
20. Number of contiguous acres in lease, pooled unit, or unitized tract: <u>2031.9</u>						
21. Lease Perpendiculars: <u>7594</u> ft from the <u>NORTH</u> line and <u>380</u> ft from the <u>WEST</u> line.						
22. Survey Perpendiculars: <u>2160</u> ft from the <u>NORTH</u> line and <u>380</u> ft from the <u>WEST</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		
FIELD INFORMATION 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	8000	1.00	7
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)						
Remarks [RRC STAFF Apr 4, 2013 7:46 AM]: Manual review ok, density met.			Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge. <u>Annette Raines, Regulatory Specialist</u> <u>Apr 01, 2013</u> Name of filer Date submitted <u>(405)2288217</u> <u>annette.raines@dvn.com</u> Phone E-mail Address (OPTIONAL)			
RRC Use Only Data Validation Time Stamp: <u>Apr 4, 2013 7:47 AM('As Approved' Version)</u>						

Permit Status:	Approved
<i>The RRC has not approved this application. Duplication or distribution of information is at the user's own risk.</i>	

**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 #	759869
Approved Date:	Apr 04, 2013

1. RRC Operator No. 216378	2. Operator's Name (exactly as shown on form P-5, Organization Report) DEVON ENERGY PRODUCTION CO, L.P.	3. Lease Name UNIVERSITY 52-23	4. Well No. 7H
Lateral Drainhole Location Information			
5. Field as shown on Form W-1 LIN (WOLFCAMP) (Field # 53613750, RRC District 7C)			
6. Section 3	7. Block 55	8. Survey UL	9. Abstract
		10. County of BHL CROCKETT	
11. Terminus Lease Line Perpendiculars 100 ft. from the South line. and 380 ft. from the West line			
12. Terminus Survey Line Perpendiculars 100 ft. from the South line. and 380 ft. from the West line			
13. Penetration Point Lease Line Perpendiculars 7894 ft. from the North line. and 380 ft. from the West 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 759869	DATE PERMIT ISSUED OR AMENDED Apr 04, 2013	DISTRICT * 7C
API NUMBER 42-105-41757	FORM W-1 RECEIVED Apr 01, 2013	COUNTY CROCKETT
TYPE OF OPERATION NEW DRILL	WELLBORE PROFILE(S) Horizontal	ACRES 2031.9
OPERATOR DEVON ENERGY PRODUCTION CO, L.P.		216378 NOTICE This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. District Office Telephone No: (325) 657-7450
LEASE NAME UNIVERSITY 52-23		WELL NUMBER 7H
LOCATION 25.02 miles NE direction from OZONA		TOTAL DEPTH 9000
Section, Block and/or Survey SECTION ⤵ 23 BLOCK ⤵ 52 ABSTRACT ⤵ SURVEY ⤵ UL		
DISTANCE TO SURVEY LINES 2160 ft. NORTH 380 ft. WEST		DISTANCE TO NEAREST LEASE LINE 100 ft.
DISTANCE TO LEASE LINES 7594 ft. NORTH 380 ft. WEST		DISTANCE TO NEAREST WELL ON LEASE See FIELD(s) Below
FIELD(s) and LIMITATIONS: <p align="center">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</p>		
FIELD NAME LEASE NAME	ACRES NEAREST LEASE	DEPTH NEAREST LEASE
	WELL # NEAREST WE	DIST
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LIN (WOLFCAMP)	2031.90	8,000
UNIVERSITY 52-23	100	7H
		1
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WELLBORE PROFILE(s) FOR FIELD: Horizontal		

RESTRICTIONS: Lateral: TH1 Penetration Point Location Lease Lines: 7894.0 F NORTH L 380.0 F WEST L Terminus Location BH County: CROCKETT Section: 3 Block: 55 Abstract: Survey: UL Lease Lines: 100.0 F SOUTH L 380.0 F WEST L Survey Lines: 100.0 F SOUTH L 380.0 F WEST L		
<p align="center">THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS</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 **March 27, 2013**

GAU File No.: SC- **15146**

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

API Number **10500000**

Attention: **ANNETTE RAINES**

RRC Lease No. **000000**

SC_216378_10500000_000000_15146.pdf

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

P-5# 216378

--Measured--

380 ft FWL

2160 ft FNL

MRL:SECTION

Digital Map Location:

X-coord/Long **100.98808**

Y-coord/Lat **31.02454**

Datum **83**

Zone

County **CROCKETT**

Lease & Well No. **UNIVERSITY 52-23 #7H**

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.

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,

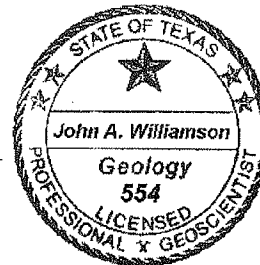


Digitally signed by John Williamson
DN: c=US, st=TEXAS, l=Austin,
o=Railroad Commission of Texas,
cn=John Williamson,
email=john.williamson@rrc.state.tx.us
Date: 2013.03.27 14:08:22 -05'00'

John A. Williamson, P.G.

Geologist, Groundwater Advisory Unit
Oil & Gas Division

GEOLOGIST SEAL

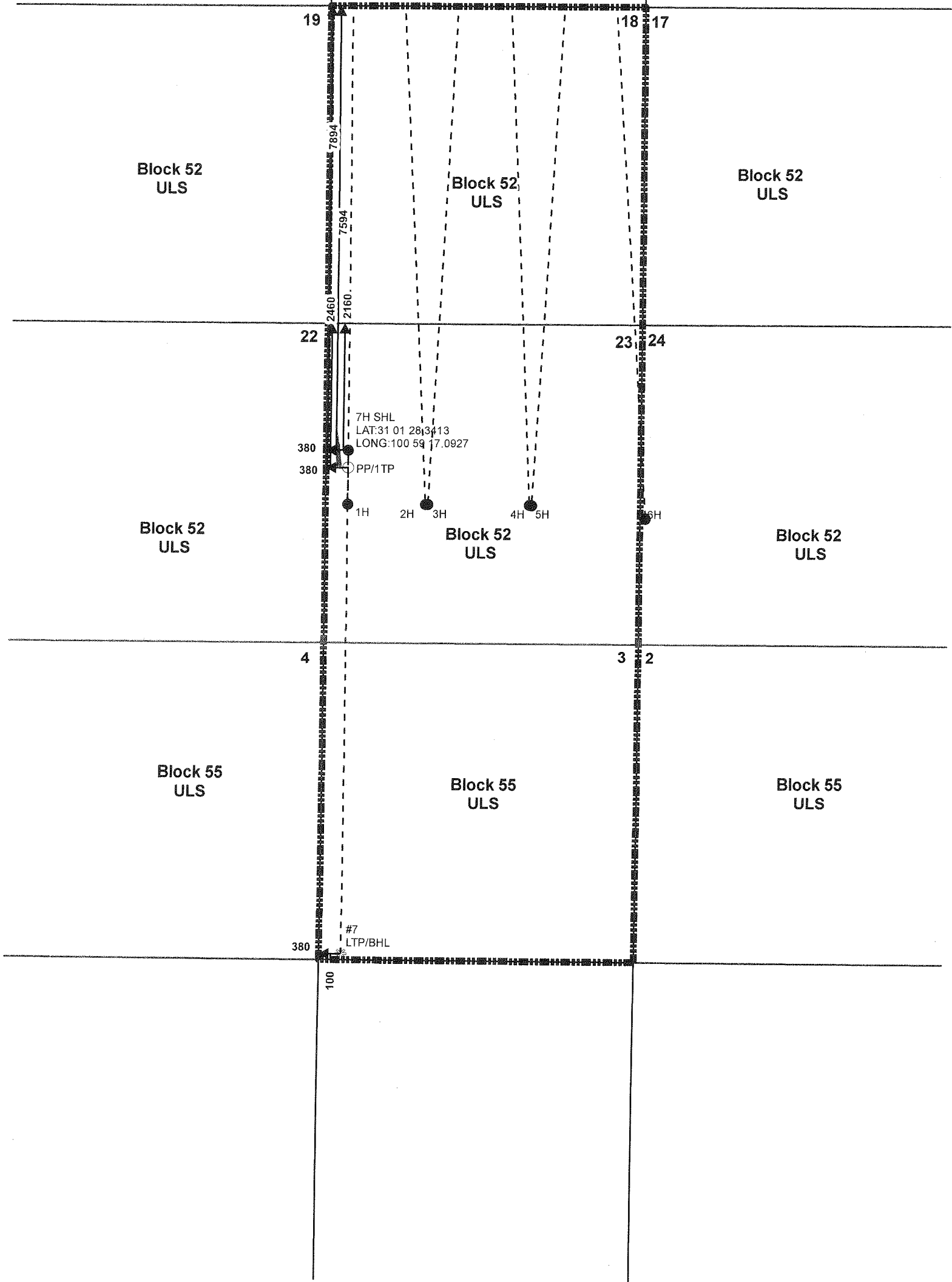


The seal appearing on this document was authorized by John A. Williamson on 3/27/2013
Note: Alteration of this electronic document will invalidate the digital signature.

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

Annette Raines
Annette Raines

Block 52, University Land Survey
Crockett County, Texas



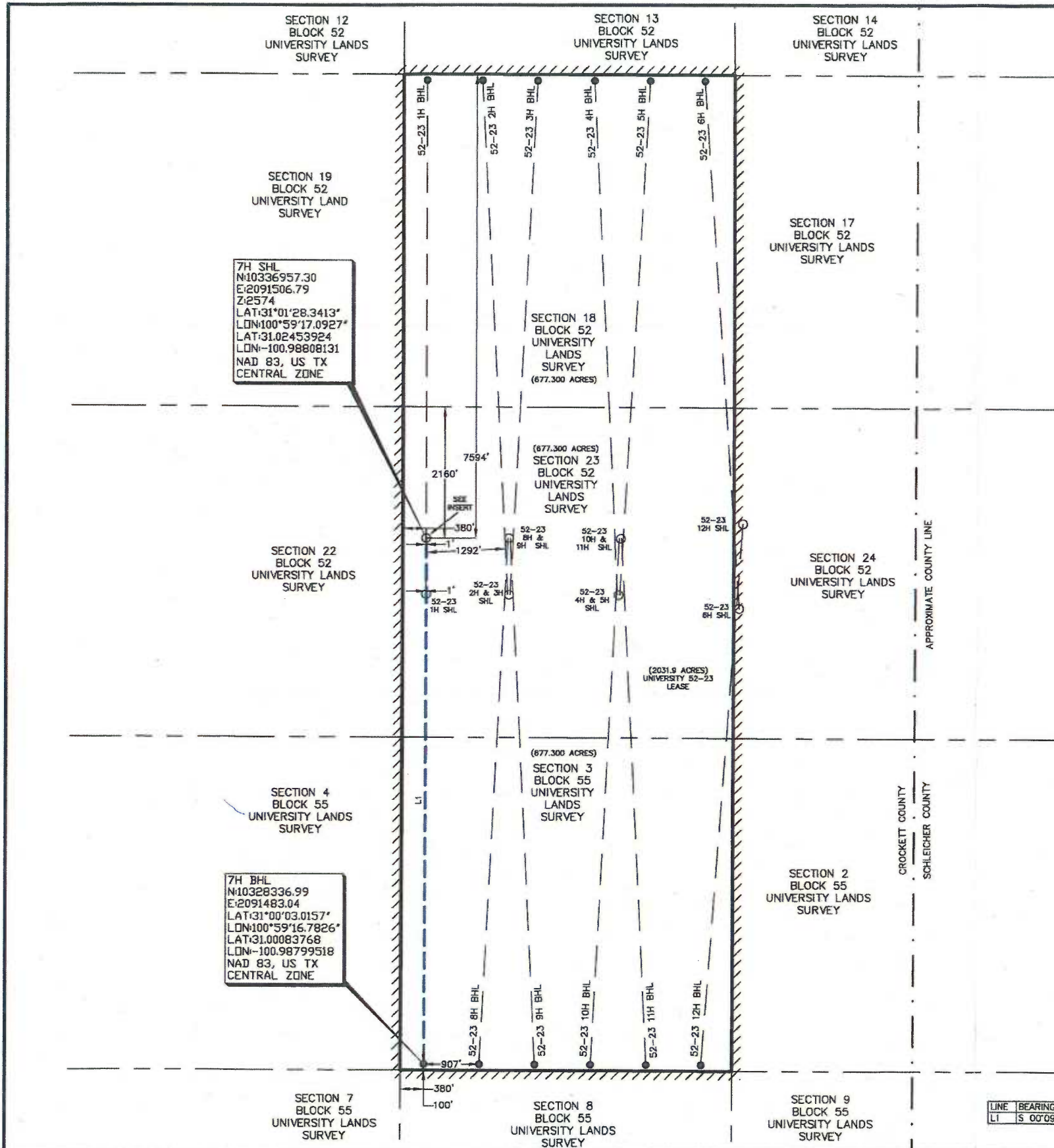
Well location is 25.02 miles North-East of the City of Ozona, Crockett County, Texas.

Total Depth: 8000' (Elev 2574)
Surface Location:
2160' FNL & 380' FWL of the University Land Survey.
7594' FNL & 380' FWL of the lease.
Penetration Point & First Take Point
2460' FNL & 380' FWL of the University Land Survey.
7894' FNL & 380' FWL of the lease.
Last Take Point and Bottom Hole Location:
100' FSL & 380' FWL of the University Land Survey.
100' FSL & 380' FWL of the lease.

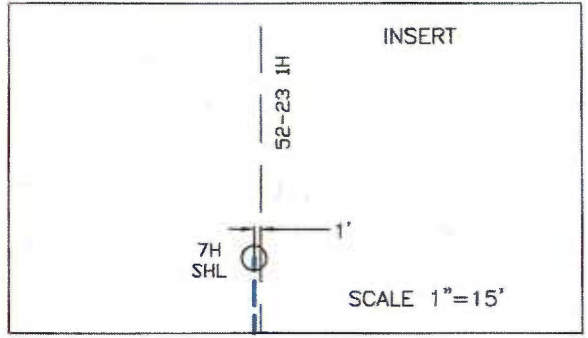
Devon Energy Production Company L.P.
333 W Sheridan - Oklahoma City 73102

University 52-23 #7H
2031.9 Acres in Lease
Block 52
University Land Survey
Crockett County, Texas
Field: Lin Wolfcamp

DATE: 4/1/13
by EM



NOTE:
Combined Scale Factor: 0.999762391
SHL IS APPROXIMATELY 25.02 MILES N 30°41'10\" E OF THE
COURTHOUSE IN OZONA, CROCKETT COUNTY, TEXAS.



PERMIT PLAT OF
DEVON ENERGY PRODUCTION COMPANY, L.P.
UNIVERSITY 52-23 7H
LIN (WOLFCAMP)

Drillable

03/21/13

SLD

SURVEY LINES
SHL: 2160' FNL & 380' FWL
SECTION 23, BLOCK 52
UNIVERSITY LANDS SURVEY
BHL: 100' FSL & 380' FWL
SECTION 3, BLOCK 55
UNIVERSITY LANDS SURVEY

LEASE LINES
SHL: 7594' FNL & 380' FWL
BHL: 100' FSL & 380' FWL
CROCKETT COUNTY, TEXAS



LINE	BEARING	DISTANCE
LI	S 00°09'28\" W	8620.35'

NOTE:
1. BEARINGS, DISTANCES & ACREAGE ARE GRID, HAD 83 US TX CENTRAL ZONE AND ARE OBTAINED BY NORMAL OPS 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.

ORIGINALLY STAKED: 3-7-2013



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
- ADRIELLED LATERAL
- LEASE BOUNDARY
- UNLEASED AREA

C.C.D.R. CROCKETT COUNTY DEED RECORDS

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

REV: - AFE NO.: - JOB NO.: 13-00330 DRAWN BY: JDM