

API No. <u>42-105-41761</u> Drilling Permit # <u>760033</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. 216378	2. Operator's Name (as shown on form P-5, Organization Report) DEVON ENERGY PRODUCTION CO, L.P.	3. Operator Address (include street, city, state, zip):				
4. Lease Name UNIVERSITY 52-23	5. Well No. 11H					
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 9000	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. 7C	12. County CROCKETT	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>25.33</u> miles in a <u>NW</u> direction from <u>Ozona</u> which is the nearest town in the county of the well site.						
15. Section 23	16. Block 52	17. Survey UL				
18. Abstract No. A-	19. Distance to nearest lease line: 100 ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: 2031.9				
21. Lease Perpendiculars: <u>7595</u> ft from the <u>NORTH</u> line and <u>1847</u> ft from the <u>EAST</u> line.						
22. Survey Perpendiculars: <u>2160</u> ft from the <u>NORTH</u> line and <u>1847</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				
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	300.00	11
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)						
Remarks [RRC STAFF Apr 5, 2013 7:34 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 04, 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: Apr 5, 2013 7:35 AM('As Approved' Version)						

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

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

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

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 # **760033**
Approved Date: **Apr 05, 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. 11H
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 1413 ft. from the East line			
12. Terminus Survey Line Perpendiculars 100 ft. from the South line. and 1413 ft. from the East line			
13. Penetration Point Lease Line Perpendiculars 7895 ft. from the North line. and 1547 ft. from the East line			

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

--Measured--

1887 ft FEL

2160 ft FNL

MRL: SECTION

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

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 # 11 H

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).

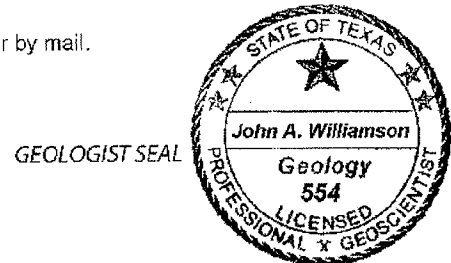
If you have any questions, please contact us at 512-463-2741, gau@rrc.state.tx.us, or by mail.

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.



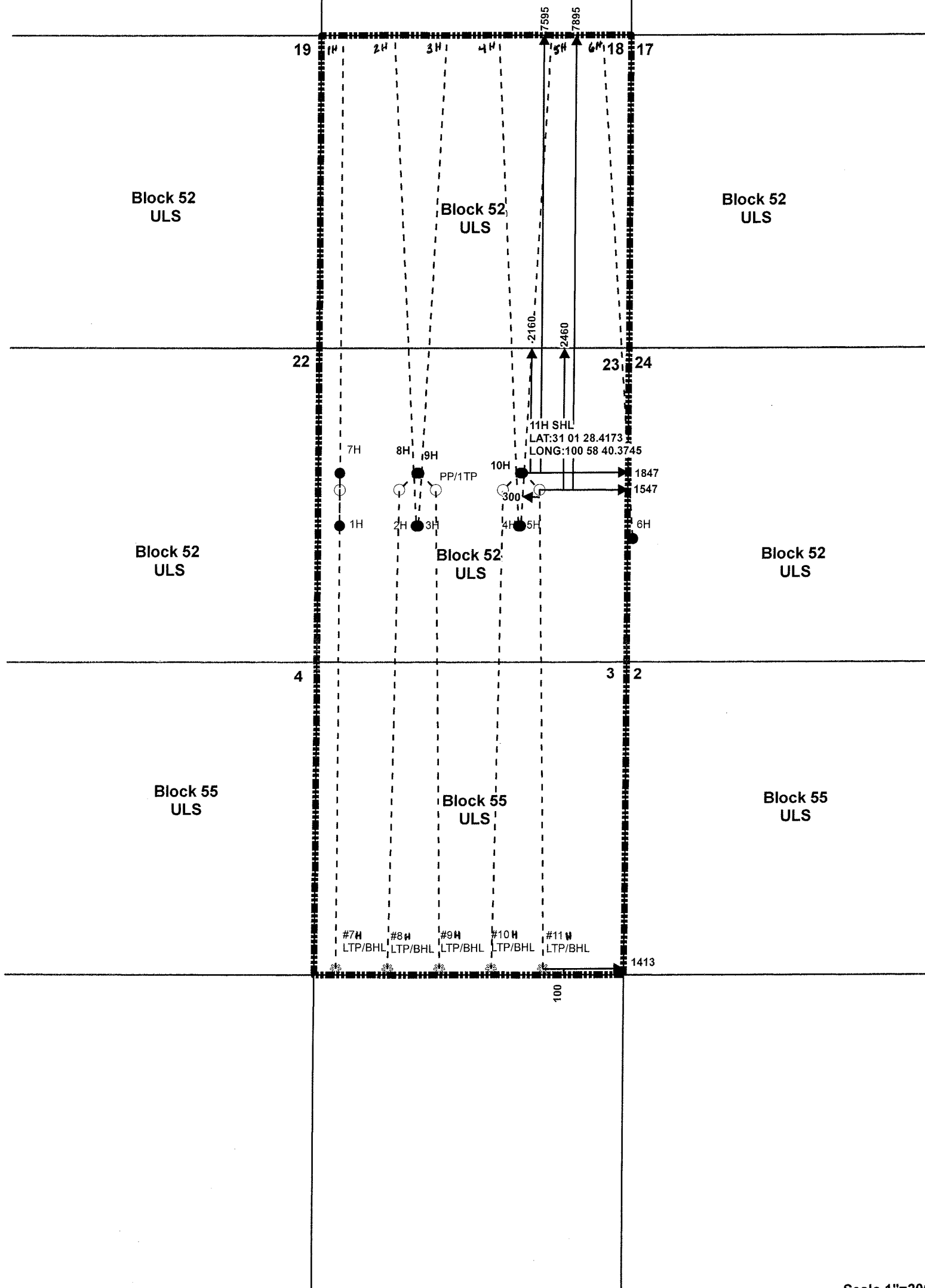
Geologist, Groundwater Advisory Unit
Oil & Gas Division

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.

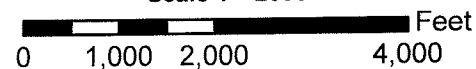
I hereby certify that this plat is true and correct to the best of my belief and knowledge

Annette Raines
Annette Raines

Block 52, University Land Survey Crockett County, Texas



Scale 1"=2000'



Well location is 25.33 miles North-East of the City of Ozona, Crockett County, Texas.

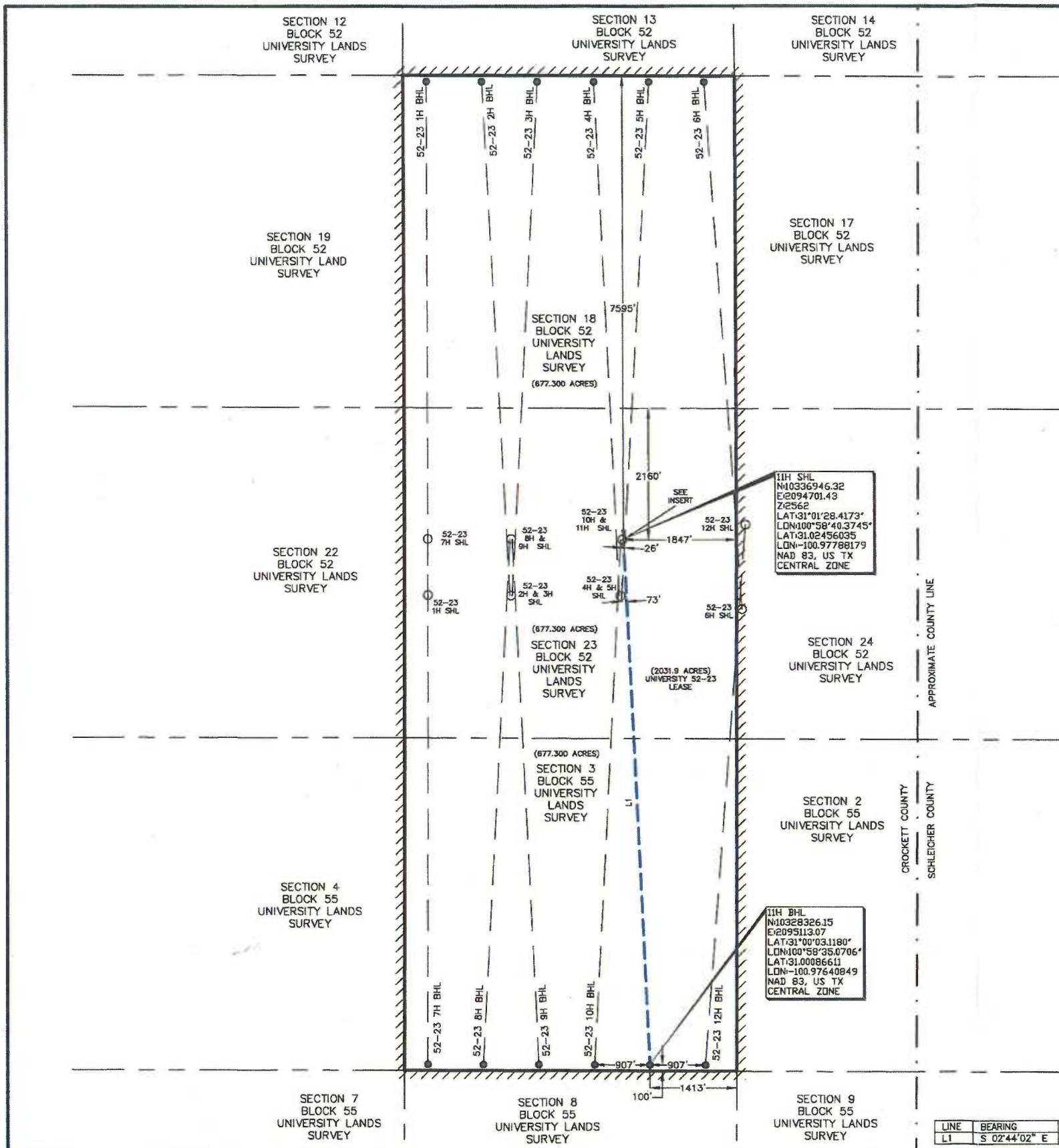
Total Depth: 8000'(Elev 2562)
 Surface Location:
 2160' FNL & 1847' FEL of the University Land Survey.
 7595' FNL & 1847' FEL of the lease.
 Penetration Point & First Take Point
 2460' FNL & 1547' FEL of the University Land Survey.
 7895' FNL & 1547' FEL of the lease.
 Last Take Point and Bottom Hole Location:
 100' FSL & 1413' FEL of the University Land Survey.
 100' FSL & 1413' FEL of the lease.

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

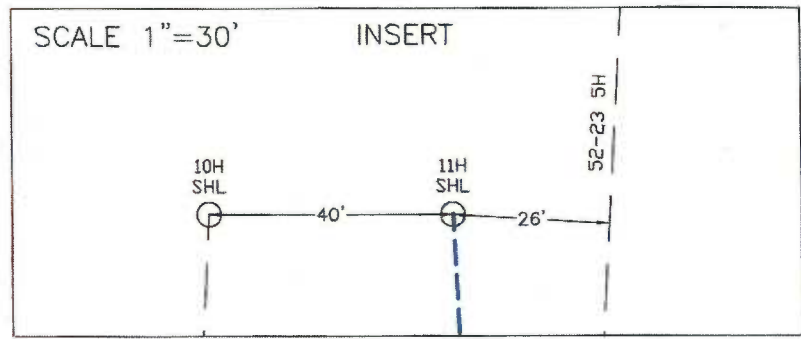
University 52-23 #11H
 2031.9 Acres in Lease
 Block 52
 University Land Survey
 Crockett County, Texas
 Field: Lin Wolfcamp

DATE: 4/2/13
 by EM





NOTE:
 Combined Scale Factor: 0.999762963
 SHL IS APPROXIMATELY 25.33 MILES N 31°51'55" E OF THE
 COURTHOUSE IN OZONA, CROCKETT COUNTY, TEXAS.



PERMIT PLAT OF
 DEVON ENERGY PRODUCTION COMPANY, L.P.
UNIVERSITY 52-23 11H
 LIN (WOLFCAMP)

Drillable
03/21/13
SLD

SURVEY LINES
 SHL: 2160' FNL & 1847' FEL
 SECTION 23, BLOCK 52
 UNIVERSITY LANDS SURVEY
 BHL: 100' FSL & 1413' FEL
 SECTION 3, BLOCK 55
 UNIVERSITY LANDS SURVEY

LEASE LINES
 SHL: 7595' FNL & 1847' FEL
 BHL: 100' FSL & 1413' FEL
 CROCKETT COUNTY, TEXAS



11H SHL
 N103°36'54.32"
 E209°47'01.43"
 Z=2562
 LAT:31°01'28.4173"
 LON:100°58'40.3745"
 LON:100.97788179
 NAD 83, US TX
 CENTRAL ZONE

11H BHL
 N103°28'326.15"
 E209°51'13.07"
 LAT:31°00'03.1180"
 LON:100°58'35.0706"
 LON:100.97640849
 NAD 83, US TX
 CENTRAL ZONE

LINE	BEARING	DISTANCE
L1	S 02°44'02" E	8629.98'

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.

ORIGINALLY STAKED: 3-7-2013
 REV: -- AFE NO: -- JOB NO.: 13-00336 DRAWN BY: JDM



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

ABRAHAM J. LEAMONS
 REGISTERED PROFESSIONAL LAND SURVEYOR

3-12-2013
 DATE

SHEET 1 OF 1

FILE: S:\Texas\EL DORADO AREA\UNIVERSITY BLK 52\UNIVERSITY 52-23\DRAWING\13-00336 UNIVERSITY 52-23 11H 3-8-2013.dwg