

API No. <u>42-105-42042</u> Drilling Permit # <u>784712</u> SWR Exception Case/Docket No. _____		RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <small>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.</small>				FORM W-1 07/2004 Permit Status: Approved	
1. RRC Operator No. 253385		2. Operator's Name (as shown on form P-5, Organization Report) EP ENERGY E&P COMPANY, L.P.			3. Operator Address (include street, city, state, zip):		
4. Lease Name UNIVERSITY EAST		5. Well No. 4110BH					
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 checked="" 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 8999		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>21.8</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 10		16. Block 41		17. Survey UL		18. Abstract No. A-U330	
				19. Distance to nearest lease line: 230 ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: 50621.98	
21. Lease Perpendiculars: <u>8388</u> ft from the <u>NORTH</u> line and <u>3670</u> ft from the <u>EAST</u> line. 22. Survey Perpendiculars: <u>2494</u> ft from the <u>SOUTH</u> line and <u>1621</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	
7C	53613750	LIN (WOLFCAMP)		Oil or Gas Well	8000	356.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
<u>Remarks</u> [FILER Jun 26, 2014 1:55 PM]: This well is located within the University East Drilling & Development Unit. FTP = 7814' FNL & 3314' FEL LTP = 230' FNL & 3315' FEL This permit is being amended because the surface location moved more than 10'.; [RRC STAFF Jul 25, 2014 9:04 AM]: I moved the SHL per filing.				<u>Certificate:</u> I certify that information stated in this application is true and complete, to the best of my knowledge. <u>LINDA RENKEN, Regulatory Analyst</u> <u>Jun 26, 2014</u> Name of filer Date submitted <u>(713)9975138</u> <u>linda.renken@epenergy.com</u> Phone E-mail Address (OPTIONAL)			
RRC Use Only Data Validation Time Stamp: Jul 31, 2014 10:08 AM(Current 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
Supplemental Horizontal Well Information

07/2004

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

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Permit #	784712
Approved Date:	Jul 31, 2014

1. RRC Operator No. 253385	2. Operator's Name (exactly as shown on form P-5, Organization Report) EP ENERGY E&P COMPANY, L.P.	3. Lease Name UNIVERSITY EAST	4. Well No. 4110BH
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Lateral Drainhole Location Information

5. Field as shown on Form W-1	LIN (WOLFCAMP) (Field # 53613750, RRC District 7C)
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6. Section 3	7. Block 41	8. Survey UNIVERSITY LAND	9. Abstract U323	10. County of BHL CROCKETT
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11. Terminus Lease Line Perpendiculars 30 ft. from the north line. and 3315 ft. from the east line
12. Terminus Survey Line Perpendiculars 30 ft. from the north line. and 1977 ft. from the west line
13. Penetration Point Lease Line Perpendiculars 8303 ft. from the north line. and 3617 ft. from the east line

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

Page 3 of 5

**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 <div style="text-align: right;">784712</div>	DATE PERMIT ISSUED OR AMENDED (AMENDED) Jul 31, 2014	DISTRICT <div style="text-align: center;">* 7C</div>										
API NUMBER <div style="text-align: right;">42-105-42042</div>	FORM W-1 RECEIVED <div style="text-align: center;">Jun 26, 2014</div>	COUNTY <div style="text-align: center;">CROCKETT</div>										
TYPE OF OPERATION <div style="text-align: center;">NEW DRILL</div>	WELLBORE PROFILE(S) <div style="text-align: center;">Horizontal</div>	ACRES <div style="text-align: center;">50621.98</div>										
OPERATOR <div style="text-align: right;">253385</div> <div style="text-align: center;">EP ENERGY E&P COMPANY, L.P.</div>		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: <div style="text-align: center;">(325) 657-7450</div>										
LEASE NAME <div style="text-align: center;">UNIVERSITY EAST</div>		WELL NUMBER <div style="text-align: center;">4110BH</div>										
LOCATION <div style="text-align: center;">21.8 miles NE direction from OZONA</div>		TOTAL DEPTH <div style="text-align: center;">8999</div>										
Section, Block and/or Survey <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> SECTION 10 SURVEY UL </div> <div style="width: 30%;"> BLOCK 41 </div> <div style="width: 30%;"> ABSTRACT U330 </div> </div>												
DISTANCE TO SURVEY LINES <div style="text-align: center;">2494 ft. SOUTH 1621 ft. WEST</div>		DISTANCE TO NEAREST LEASE LINE <div style="text-align: center;">230 ft.</div>										
DISTANCE TO LEASE LINES <div style="text-align: center;">8388 ft. NORTH 3670 ft. EAST</div>		DISTANCE TO NEAREST WELL ON LEASE <div style="text-align: center;">See FIELD(s) Below</div>										
FIELD(s) and LIMITATIONS: <div style="text-align: center; margin-top: 20px;">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</div> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">FIELD NAME</td> <td style="width: 15%;">ACRES</td> <td style="width: 15%;">DEPTH</td> <td style="width: 15%;">WELL #</td> <td style="width: 5%;">DIST</td> </tr> <tr> <td>LEASE NAME</td> <td>NEAREST LEASE</td> <td></td> <td>NEAREST WE</td> <td></td> </tr> </table> This well must comply to the new SWR 3.13 requirements concerning the isolation of any potential flow zones and zones with corrosive formation fluids. See approved permit for those formations that have been identified for the county in which you are drilling the well in.			FIELD NAME	ACRES	DEPTH	WELL #	DIST	LEASE NAME	NEAREST LEASE		NEAREST WE	
FIELD NAME	ACRES	DEPTH	WELL #	DIST								
LEASE NAME	NEAREST LEASE		NEAREST WE									

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

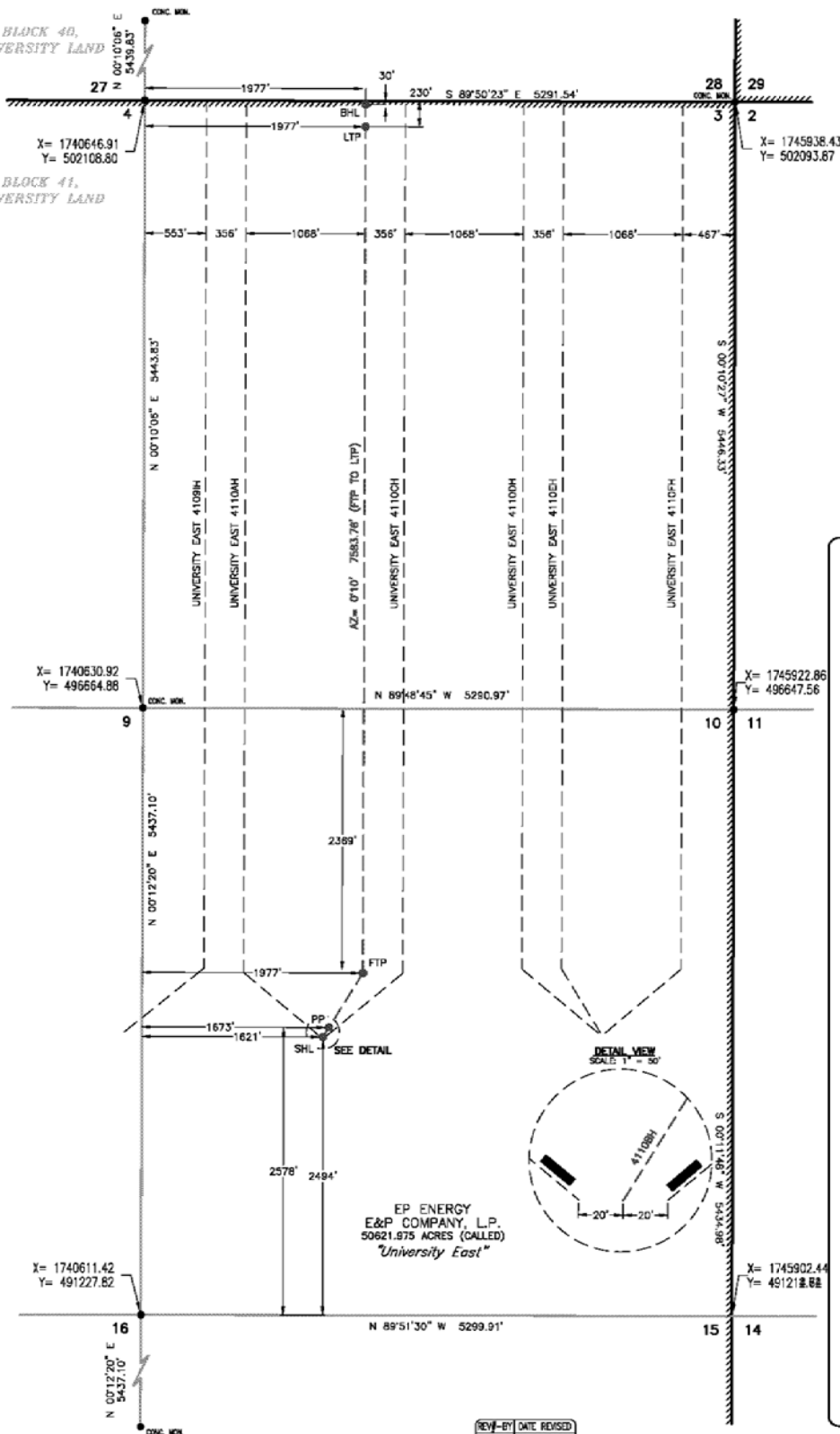
CROCKETT (105) County

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.

BLOCK 40,
UNIVERSITY LAND

BLOCK 41,
UNIVERSITY LAND



Surface Hole Location:

GROUND ELEVATION:
SHL Ground Elevation: 2637'

COORDINATES:
NAD 27 TX-C ZONE:
X = 1742241.11 Y = 493716.59
LAT.: N 31°01'17.72\" LONG.: W 101°09'22.47\"
LAT.: N 31.0215887 LONG.: W 101.1562406

SURVEY LINE PERPENDICULARS:
2494' FSL & 1621' FWL (Sec. 10)

UNIT LINE PERPENDICULARS:
8388' FNL & 3670' FEL

Penetration Point:

COORDINATES:
NAD 27 TX-C ZONE:
X = 1742294.14 Y = 493801.37
LAT.: N 31°01'18.56\" LONG.: W 101°09'21.86\"
LAT.: N 31.0218229 LONG.: W 101.1560733

SURVEY LINE PERPENDICULARS:
2578' FSL & 1673' FWL (Sec. 10)

UNIT LINE PERPENDICULARS:
8303' FNL & 3617' FEL

First Take Point:

COORDINATES:
NAD 27 TX-C ZONE:
X = 1742589.55 Y = 494289.43
LAT.: N 31°01'23.42\" LONG.: W 101°09'18.40\"
LAT.: N 31.0231710 LONG.: W 101.1551098

SURVEY LINE PERPENDICULARS:
2369' FNL & 1977' FWL (Sec. 10)

UNIT LINE PERPENDICULARS:
7814' FNL & 3314' FEL

Last Take Point:

COORDINATES:
NAD 27 TX-C ZONE:
X = 1742623.19 Y = 501873.15
LAT.: N 31°02'38.48\" LONG.: W 101°09'18.77\"
LAT.: N 31.0440230 LONG.: W 101.1552132

SURVEY LINE PERPENDICULARS:
230' FNL & 1977' FWL (Sec. 3)

UNIT LINE PERPENDICULARS:
230' FNL & 3315' FEL

Bottom Hole Location:

COORDINATES:
NAD 27 TX-C ZONE:
X = 1742623.81 Y = 502073.15
LAT.: N 31°02'40.46\" LONG.: W 101°09'18.78\"
LAT.: N 31.0445729 LONG.: W 101.1552159

SURVEY LINE PERPENDICULARS:
30' FNL & 1977' FWL (Sec. 3)

UNIT LINE PERPENDICULARS:
30' FNL & 3315' FEL

CERTIFICATION:



Texas Reg. No.

5041

I, William J. Keating, a Registered Professional Land Surveyor, and an authorized agent of Topographic Land Surveys, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein. This plat is for Texas Railroad Commission permitting only.

LEGEND:

- Prop. Wellbore
- Unit Boundary
- Section Lines
- Fence
- Powerline
- Water Line
- Pipeline
- Lease Road
- Calculated Corner



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

2002 NORTH BIG SPRING - MIDLAND, TEXAS 79705
TELEPHONE (432) 842-1853 OR (800) 791-1853 - FAX (432) 842-1745
WWW.TOPOGRAPHIC.COM

This location has been very carefully staked on the ground according to the best official survey records, maps, and other data available to us. This plat does not in any way represent a "Boundary Survey", and does not comply with current T.B.P.L.S. Minimum Standards of Procedures for Boundary Surveys.

EP ENERGY
EP ENERGY E&P COMPANY, L.P.

LEASE NAME & WELL NO.:

UNIVERSITY EAST 4110BH

TOPOGRAPHY & VEGETATION:

NATURAL MESQUITE PASTURE

NEAREST TOWN IN COUNTY:

±21.6 MILES NORTHEAST OF OZONA, TEXAS

LOCATION DESCRIPTION:

**SECTION 10, BLOCK 41, UNIVERSITY LAND
SECTION 10, BLOCK 41, UNIVERSITY LAND
SECTION 3, BLOCK 41, UNIVERSITY LAND
CROCKETT COUNTY, TEXAS**

SHL:
PP/FTP:
LTP/BEL: