

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 <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. 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 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 8000		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>8347</u> ft from the <u>NORTH</u> line and <u>3676</u> ft from the <u>EAST</u> line. 22. Survey Perpendiculars: <u>2534</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	1068.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
Remarks 				Certificate: 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>LINDA RENKEN, Regulatory Analyst</u> Name of filer </div> <div> <u>Apr 15, 2014</u> Date submitted </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <u>(713)9975138</u> Phone </div> <div> <u>linda.renken@epenergy.com</u> E-mail Address (OPTIONAL) </div> </div>			
				RRC Use Only Data Validation Time Stamp: May 28, 2014 6:40 PM('As Approved' Version)			

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**

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

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Permit #	784712
Approved Date: May 28, 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
Lateral Drainhole Location Information			
5. Field as shown on Form W-1 LIN (WOLFCAMP) (Field # 53613750, RRC District 7C)			
6. Section 3	7. Block 41	8. Survey UNIVERSITY LAND	9. Abstract U323
10. County of BHL CROCKETT			
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 8262 ft. from the north line. and 3623 ft. from the east 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 784712	DATE PERMIT ISSUED OR AMENDED May 28, 2014	DISTRICT * 7C																																														
API NUMBER 42-105-42042	FORM W-1 RECEIVED Apr 15, 2014	COUNTY CROCKETT																																														
TYPE OF OPERATION NEW DRILL	WELLBORE PROFILE(S) Horizontal	ACRES 50621.98																																														
OPERATOR EP ENERGY E&P COMPANY, L.P.		253385	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																																													
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<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>																																																

RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

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

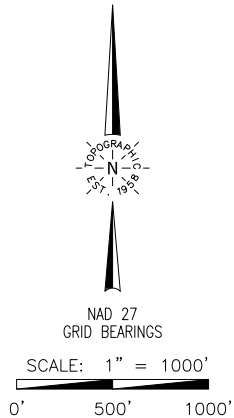
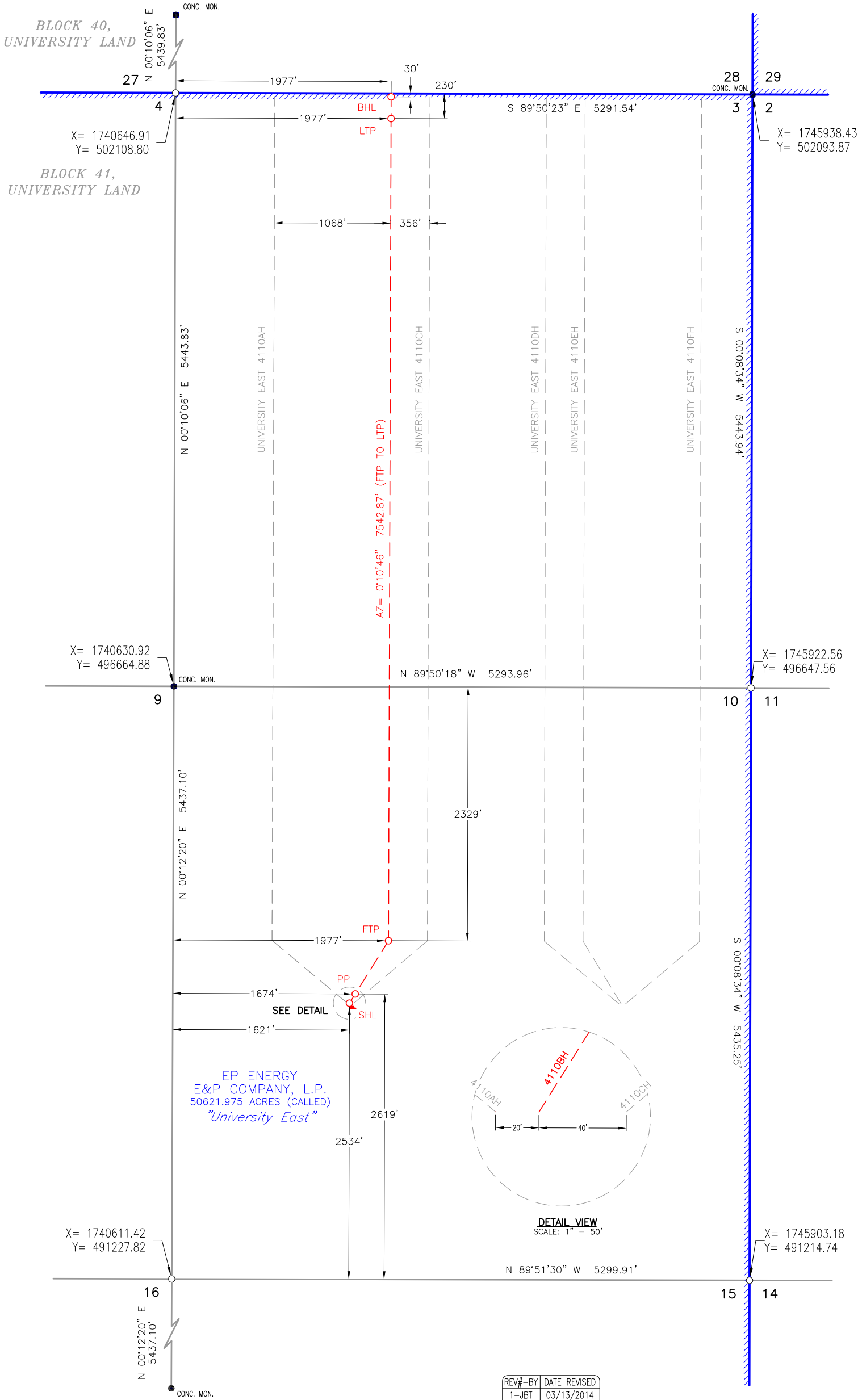
PERMIT NUMBER 784712	DATE PERMIT ISSUED OR AMENDED May 28, 2014	DISTRICT * 7C
API NUMBER 42-105-42042	FORM W-1 RECEIVED Apr 15, 2014	COUNTY CROCKETT
TYPE OF OPERATION NEW DRILL	WELLBORE PROFILE(S) Horizontal	ACRES 50621.98
OPERATOR EP ENERGY E&P COMPANY, L.P.		NOTICE This permit and any allowable assigned 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 EAST		WELL NUMBER 4110BH
LOCATION 21.8 miles NE direction from OZONA		TOTAL DEPTH 8000
Section, Block and/or Survey SECTION ◀ 10 BLOCK ◀ 41 ABSTRACT ◀ U330 SURVEY ◀ UL		
DISTANCE TO SURVEY LINES 2534 ft. SOUTH 1621 ft. WEST		DISTANCE TO NEAREST LEASE LINE 230 ft.
DISTANCE TO LEASE LINES 8347 ft. NORTH 3676 ft. EAST		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 WE
WELL # NEAREST WE		
DIST		
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.		

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

CROCKETT (105) County

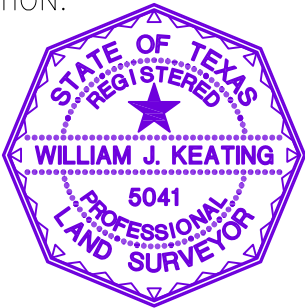
Formation	Shallow Top	Deep Top	Remarks	Geological Order	Effective Date
QUEEN	1,000	2,300		1	12/17/2013
SAN ANDRES	1,000	3,700		2	12/17/2013
LEONARD	3,100	4,200		3	12/17/2013
WOLFCAMP	3,400	6,300		4	12/17/2013
CANYON	4,000	8,800		5	12/17/2013
STRAWN	7,100	11,600		6	12/17/2013
DEVONIAN	8,900	11,900		7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



Surface Hole Location:
GROUND ELEVATION:
SHL Ground Elevation: 2635'
COORDINATES:
NAD 27 TX-C ZONE:
X = 1742241.45 Y = 493757.76
LAT.: N 31°01'18.13" LONG.: W 101°09'22.47"
LAT.: N 31.0217019 LONG.: W 101.1562405
SURVEY LINE PERPENDICULARS:
2534' FSL & 1621' FWL (Sec. 10)
UNIT LINE PERPENDICULARS:
8347' FNL & 3676' FEL
Penetration Point:
COORDINATES:
NAD 27 TX-C ZONE:
X = 1742294.47 Y = 493842.54
LAT.: N 31°01'18.97" LONG.: W 101°09'21.86"
LAT.: N 31.0219361 LONG.: W 101.1560732
SURVEY LINE PERPENDICULARS:
2619' FSL & 1674' FWL (Sec. 10)
UNIT LINE PERPENDICULARS:
8262' FNL & 3623' FEL
First Take Point:
COORDINATES:
NAD 27 TX-C ZONE:
X = 1742599.56 Y = 494330.32
LAT.: N 31°01'23.82" LONG.: W 101°09'18.40"
LAT.: N 31.0232834 LONG.: W 101.1551107
SURVEY LINE PERPENDICULARS:
2329' FNL & 1977' FWL (Sec. 10)
UNIT LINE PERPENDICULARS:
7773' FNL & 3320' 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:



REV#	BY	DATE REVISED
1	JBT	03/13/2014

LEGEND:	
---	Prop. Wellbore
///	Unit Boundary
---	Section Lines
—x—	Fence
—E—	Powerline
—w—	Water Line
—\\—	Pipeline
==	Lease Road
⊕	Calculated Corner



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 correct 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:
±21.8 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/BHL:

Texas Reg. No. 5041

I, William J. Keating, a Registered Professional Land Surveyor, and an authorized agent of Topographic Land Surveyors, 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.

All Coordinates are in NAD 27 TX-C Zone unless otherwise noted.	Surveyed: JANUARY 14, 2014	Drawn By: JBT 1-22-14
File Name: LO_UNIVERSITY_EAST_4110_BH_REV	Scale: 1" = 1000'	ORIGINAL DOC. SIZE: 11"x17" COGO: 518-124590