



RAILROAD COMMISSION OF TEXAS

Form W-2

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

Status: Approved
Date: 04/18/2019
Tracking No.: 197648

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION			
Operator	EP ENERGY E&P COMPANY, L.P.	Operator	253385
Operator	ATTN CHELSEA CANTRELLE PO BOX 4660 HOUSTON, TX 77210-4660		

WELL INFORMATION			
API	42-105-42411	County:	CROCKETT
Well No.:	4128EH	RRC District	7C
Lease	UNIVERSITY EAST	Field	LIN (WOLFCAMP)
RRC Lease	17576	Field No.:	53613750
Location	Section: 28, Block: 41, Survey: UL, Abstract: U348		
Latitude		Longitud	
This well is	10.37	miles in a	S
direction from	BARNHART,		
which is the nearest town in the			

FILING INFORMATION			
Purpose of	Initial Potential		
Type of	New Well		
Well Type:	Producing	Completion or Recompletion	04/15/2018
Type of Permit	Date	Permit No.	
Permit to Drill, Plug Back, or	06/29/2017	828181	
Rule 37 Exception			
Fluid Injection			
O&G Waste Disposal			
Other:			

COMPLETION INFORMATION			
Spud	07/12/2017	Date of first production after rig	04/15/2018
Date plug back, deepening, drilling operation	03/25/2018	Date plug back, deepening, recompletion, drilling operation	04/15/2018
Number of producing wells on this lease this field (reservoir) including this	226	Distance to nearest well in lease & reservoir	349.0
Total number of acres in	43372.00	Elevation	2630 GL
Total depth TVD	6292	Total depth MD	14118
Plug back depth TVD		Plug back depth MD	
Was directional survey made other inclination (Form W-	Yes	Rotation time within surface casing Is Cementing Affidavit (Form W-15)	58.5 Yes
Recompletion or	No	Multiple	No
Type(s) of electric or other log(s)	None		
Electric Log Other Description:			
Location of well, relative to nearest lease of lease on which this well is	8219.0 Feet from the	Off Lease :	No
	8672.0 Feet from the	South Line and	
		East Line of the	
		UNIVERSITY EAST Lease.	

FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.			
Field & Reservoir	Gas ID or Oil Lease	Well No.	Prior Service Type
W2:	N/A		

PACKET:	N/A		
FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:			
GAU Groundwater Protection Determination	Depth	800.0	Date 06/26/2017
SWR 13 Exception	Depth		

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION			
Date of	05/04/2018	Production	Flowing
Number of hours	24	Choke	128
Was swab used during this	No	Oil produced prior to	4865.00
PRODUCTION DURING TEST PERIOD:			
Oil	616.00	Gas	453
Gas - Oil	735	Flowing Tubing	190.00
Water	1960		
CALCULATED 24-HOUR RATE			
Oil	616.0	Gas	453
Oil Gravity - API - 60.:	43.7	Casing	952.00
Water	1960		

CASING RECORD											
Ro	Type of Casing	Casing	Hole	Setting	Multi -	Multi -	Cement	Cement	Slurry	Top of	TOC
		Size (in.)	Size	Depth	Stage Tool	Stage Shoe	Class	Amoun	Volume (cu.	Cement (ft.)	Determined By
1	Surface	9 5/8	12 1/4	965			C/POZ; C	600	1232.8	0	Circulated to Surface
2	Conventional Production	5 1/2	8 1/2	14104			C/POZ;H/P OZ	2045	3559.4	0	Circulated to Surface

LINER RECORD									
<u>Ro</u>	<u>Liner Size</u>	<u>Hole Size</u>	<u>Liner Top</u>	<u>Liner Bottom</u>	<u>Cement Class</u>	<u>Cement Amoun</u>	<u>Slurry Volume (cu.</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined</u>
N/A									

TUBING RECORD			
<u>Ro</u>	<u>Size (in.)</u>	<u>Depth</u>	<u>Size (ft.)</u>
1	2 7/8	6128	
			6117 / RTRV PACKER RETRIEVABLE

PRODUCING/INJECTION/DISPOSAL INTERVAL			
<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
1	No	L1 6503	14010.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.			
Was hydraulic fracturing treatment	Yes		
Is well equipped with a downhole sleeve?	Yes	If yes, actuation pressure	0.0
Production casing test pressure (PSIG) hydraulic fracturing	8500	Actual maximum pressure (PSIG) during fracturin	8046
Has the hydraulic fracturing fluid disclosure been	Yes		
<u>Ro</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>

FORMATION RECORD					
Formations	Encountere	Depth TVD	Depth MD	Is formation	Remarks
QUEEN	Yes	1120.3	1120.4	Yes	LOGGED MWD GR
SAN ANDRES	Yes	1460.6	1461.4	Yes	LOGGED MWD GR
LEONARD	Yes	3331.1	3381.8	Yes	LOGGED MWD GR
WOLFCAMP	Yes	5751.8	5840.9	Yes	PRODUCING INTERVAL
CANYON	No			Yes	NOT PENETRATED
STRAWN	No			Yes	NOT PENETRATED
DEVONIAN	No			Yes	NOT PENETRATED
ELLENBURGER	No			Yes	NOT PENETRATED

Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm

No

Is the completion being downhole commingled

No

REMARKS
UNIVERSITY EAST 4128EH KOP 5847' ALL REQUIRED ADDITIONAL FORMS OR ATTACHMENTS WERE PREVIOUSLY SUBMITTED WITH WRO W-2, TRACKING #190052

RRC REMARKS
<div><div>PUBLIC COMMENTS:</div><div>[RRC Staff 2018-08-20 14:12:37.545] Actuation Sleeve did not open.</div></div> <div><div>CASING RECORD :</div></div> <div><div>TUBING RECORD:</div></div> <div><div>PRODUCING/INJECTION/DISPOSAL INTERVAL :</div></div> <div><div>ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :</div></div> <div><div>POTENTIAL TEST DATA:</div></div>

OPERATOR'S CERTIFICATION			
Printed	Rita Martinez-Dean	Title:	Associate Analyst
Telephone	(713) 997-6212	Date	11/15/2018

Tracking No.: 197648

This facsimile L-1 was generated electronically from data submitted to the RRC.

Instructions

When to File Form L-1:

- with Forms G-1, W-2, and GT-1 for new and deepened gas, oil, and geothermal wells
- with Form W-3 for plugged dry holes
- when sending in a log which was held under a request for confidentiality and the period for confidentiality has not yet expired.

When is Form L-1 NOT required:

- with Forms W-2, G-1, and GT-1 filed for injection wells, disposal wells, water supply wells, service wells, re-test wells, re-classifications, and plugbacks of oil, gas or geothermal wells
- with Form W-3 for plugging of other than a dry hole

Where to File Form L-1:

- with the appropriate Commission district office

Filling out Form L-1:

- Section I and the signature section must be filled out for all wells
- complete only the appropriate part of Section II

Type of log required:

- any wireline survey run for the purpose of obtaining lithology, porosity, or resistivity information
- no more than one such log is required but it must be of the subject well
- if such log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

SECTION I. IDENTIFICATION

Operator Name: EP ENERGY E&P COMPANY, L.P.	District No. 7C	Completion Date: 04/15/2018
Field Name LIN (WOLFCAMP)	Drilling Permit No. 828181	
Lease Name UNIVERSITY EAST	Lease/ID No. 17576	Well No. 4128EH
County CROCKETT	API No. 42- 105-42411	

SECTION II. LOG STATUS (Complete either A or B)

☐ A. BASIC ELECTRIC LOG NOT RUN

☒ B. BASIC ELECTRIC LOG RUN. (Select one)

- ☒ 1. Confidentiality is requested and a copy of the header for each log that has been run on the well is attached.
- ☐ 2. Confidentiality already granted on basic electric log covering this interval (applicable to deepened wells only).
- ☐ 3. Basic electric log covering this interval already on file with Commission (applicable to deepened wells only).
- ☐ 4. Log attached to (select one):

☐ (a) Form L-1 (this form). If the company/lease name on log is different from that shown in Section I, please enter name on log here: _____

Check here if attached log is being submitted after being held confidential. ☐

☐ (b) Form P-7, Application for Discovery Allowable and New Field Designation.

☐ (c) Form W-4, Application for Multiple Completion:

Lease or ID No(s). _____

Well No(s). _____

Rita Martinez-Dean

Signature

EP ENERGY E&P COMPANY, L.P.

Name (print)

Associate Analyst

Title

(713) 997-6212

Phone

08/13/2018

Date

-FOR RAILROAD COMMISSION USE ONLY-

GAMMA LOG

Company: EP Energy E&P Company
Well Name: University East 4128 EH
API: 42-105-42411
County/Parish: Crockett
State/Prov: Texas
Country: USA
Job #: T3663

Company: EP Energy E&P Company
Well Name: University East 4128 EH
API: 42-105-42411
County/Parish: Crockett
State or Prov: Texas
Country: USA
Job number: T3663
Field: Wolfcamp Shale
Rig Identification: Nabors F-34
Survey Company: Nabors Drilling Solutions
MWD Operator 1 Tyler Patton
MWD Operator 2 Rigline 24/7
Geologist Lauren Robinson
Drilling Engineer Brad Macafee
Coordinates LAT: 30.97743481 N LON: 101.1719781 W

Log measurements: Gamma/DIR/ROP/Temp
Depth measured from: Drill Floor - 30 ft
Maximum temperature: 189.5 F

Depth	Date
Start: 1122 ft	08/26/2017
End: 14118 ft	08/30/2017

Casing	Depth	Size	Mud type: OBM	Elevations
Surface:	1122 ft	9 5/8"	Density: 9.3 ppg	KB: N/A ft
Intermediate:			Viscosity: 54 sec/qt	DF: 30.00 ft
			Rm: NA Rmf: NA Rmc: NA	GL: 2630 ft

Run	Bit Size	Offsets		Depths		Dates	
		Gamma	Survey	Start	End	Start	End
1	8 3/4"	48.00 ft	49.00 ft	1122 ft	5847 ft	08/26/2017	08/27/2017
2	8 3/4"	50.00 ft	51.00 ft	5847 ft	6495 ft	08/27/2017	08/28/2017
3	8 1/2"	52.00 ft	53.00 ft	6495 ft	14118 ft	08/28/2017	08/30/2017
4							
5							
6							
7							
8							
9							
10							



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Form P-16

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Acres Designation

SECTION I. OPERATOR INFORMATION

Operator Name: EP ENERGY E&P COMPANY, L.P.	Operator P-5 No.: 253385
Operator Address: PO BOX 4660 HOUSTON, TEXAS 77210	

SECTION II. WELL INFORMATION

District No.: 7C	County: CROCKETT, IRION, REAGAN	Purpose of Filing: <input type="checkbox"/> Drilling Permit Application (Form W-1) <input checked="" type="checkbox"/> Completion Report (Form G-1/W-2)
Well No.: 4128EH	API No.: 42-105-42411	
Total Lease Acres: 43,372	Drilling Permit No.: 828181	
Lease Name: UNIVERSITY EAST	Lease No.: 17576	
Field Name: LIN (WOLFCAMP)	Field No.: 53613750	

Filer is the owner or lessee, or has been authorized by the owner or lessee, of all or an undivided portion of the mineral estate under each tract for which filer is listed as operator below. For all leases operated by other entities, the number of assigned acres shown are reflected on current Commission records or the filer has been authorized by the current operator to change the assigned acreage of that operator as shown below.

SECTION III. LISTING OF ALL WELLS IN THE APPLIED-FOR FIELD ON THE SAME ACREAGE AS THE LEASE, POOLED UNIT, OR UNITIZED TRACT DESIGNATED IN SECTION II ABOVE BY FILER


RRC ID No. or Lease No.	Well No.	H-Horizontal D-Directional V-Vertical	Lease Name	API No.	Acres Assigned	SWR 38 Except. (Y/N)	Operator Name and Operator No. (if different from filing operator)
17576	4107AH	H	UNIVERSITY EAST	10541953	200	N	
17576	4107BH	H	UNIVERSITY EAST	10541954	200	N	
17576	4107CH	H	UNIVERSITY EAST	10541955	200	N	
17576	4107DH	H	UNIVERSITY EAST	10541956	200	N	
17576	4107EH	H	UNIVERSITY EAST	10541957	200	N	
17576	4107FH	H	UNIVERSITY EAST	10541958	200	N	
17576	4107GH	H	UNIVERSITY EAST	10541959	200	N	
17576	4108AH	H	UNIVERSITY EAST	10541789	200	N	
17576	4108BH	H	UNIVERSITY EAST	10541790	200	N	
17576	4108CH	H	UNIVERSITY EAST	10541791	200	N	
17576	4108DH	H	UNIVERSITY EAST	10541795	200	N	
17576	4108EH	H	UNIVERSITY EAST	10541796	200	N	
17576	4108FH	H	UNIVERSITY EAST	10541797	200	N	
17576	4108GH	H	UNIVERSITY EAST	10542066	200	N	
17576	4108HH	H	UNIVERSITY EAST	10542067	200	N	
17576	4108IH	H	UNIVERSITY EAST	10542068	200	N	
17576	4108JH	H	UNIVERSITY EAST	10542072	200	N	

Total Well Count >	226	42680	< A. Total Assigned Horiz. Acreage	42680	< C. Total Assigned Acreage
		712	< Total Remaining Horiz. Acreage	712	< Total Remaining Acreage
		0	< B. Total Assigned Vert./Dir. Acreage		
		43372	< Total Remaining Vert./Dir. Acreage		

SECTION IV. REMARKS / PURPOSE OF FILING (see instructions)

Attach Additional Pages As Needed. ☐ No additional pages ☐ Additional Pages: ____ (No. of additional pages)

CERTIFICATION: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that this report was prepared by me or under my supervision or direction, that I am authorized to make this report, and that the information contained in this report is true, correct, and complete to the best of my knowledge.

 Signature	Rita M Dean Assoc Analyst Name and title (type or print)	rita.martinez@epenergy.com Email (include email address <i>only</i> if you affirmatively consent to its public release)
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1001 Louisiana Street, Houston, TX 77002 Address	City, State, Zip Code	713-997-6212 Tel: Area Code Number	03/27/17 Date: mo. day yr.
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Form P-16

Attachment

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Acreage Designation Attachment

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SECTION III (CONTINUED). LISTING OF ALL WELLS IN THE APPLIED-FOR FIELD ON THE SAME ACREAGE AS THE LEASE, POOLED UNIT, OR UNITIZED TRACT DESIGNATED IN SECTION II ABOVE BY FILER							
RRC ID No. or Lease No.	Well No.	H-Horizontal D-Directional V-Vertical	Lease Name	API No.	Acres Assigned	SWR 38 Except. (Y/N)	Operator Name and Operator No. (if different from filing operator)
17576	4108KH	H	UNIVERSITY EAST	10542076	200	N	
17576	4108LH	H	UNIVERSITY EAST	10542070	200	N	
17576	4109AH	H	UNIVERSITY EAST	10541801	200	N	
17576	4109BH	H	UNIVERSITY EAST	10541802	200	N	
17576	4109CH	H	UNIVERSITY EAST	10541803	200	N	
17576	4109DH	H	UNIVERSITY EAST	10541804	200	N	
17576	4109EH	H	UNIVERSITY EAST	10541805	200	N	
17576	4109FH	H	UNIVERSITY EAST	10541806	200	N	
17576	4109GH	H	UNIVERSITY EAST	10541818	200	N	
17576	4109HH	H	UNIVERSITY EAST	10541819	200	N	
17576	4109IH	H	UNIVERSITY EAST	10541820	200	N	
17576	4109JH	H	UNIVERSITY EAST	10542071	200	N	
17576	4109KH	H	UNIVERSITY EAST	10542073	200	N	
17576	4109LH	H	UNIVERSITY EAST	10542075	200	N	
17576	4109MH	H	UNIVERSITY EAST	10542077	200	N	
17576	4109NH	H	UNIVERSITY EAST	10542081	200	N	
17576	4109OH	H	UNIVERSITY EAST	10542078	200	N	
17576	4109PH	H	UNIVERSITY EAST	10542080	200	N	
17576	4109QH	H	UNIVERSITY EAST	10542079	200	N	
17576	4109RH	H	UNIVERSITY EAST	10542082	200	N	
17576	4110AH	H	UNIVERSITY EAST	10542039	200	N	
17576	4110BH	H	UNIVERSITY EAST	10542042	200	N	
17576	4110CH	H	UNIVERSITY EAST	10542040	200	N	
17576	4110DH	H	UNIVERSITY EAST	10542043	200	N	
17576	4110EH	H	UNIVERSITY EAST	10542041	200	N	
17576	4110FH	H	UNIVERSITY EAST	10542044	200	N	
17576	4110GH	H	UNIVERSITY EAST	10542112	200	N	
17576	4110HH	H	UNIVERSITY EAST	10542086	200	N	
17576	4110IH	H	UNIVERSITY EAST	10542087	200	N	
17576	4110JH	H	UNIVERSITY EAST	10542088	200	N	
17576	4110KH	H	UNIVERSITY EAST	10542089	200	N	
17576	4110LH	H	UNIVERSITY EAST	10542090	200	N	
17576	4110MH	H	UNIVERSITY EAST	10542309	200	N	
17576	4110NH	H	UNIVERSITY EAST	10542310	200	N	
17576	4110OH	H	UNIVERSITY EAST	10542311	200	N	
17576	4116AH	H	UNIVERSITY EAST	10542223	200	N	
17576	4118AH	H	UNIVERSITY EAST	10541724	200	N	
17576	4118BH	H	UNIVERSITY EAST	10541725	200	N	
17576	4118CH	H	UNIVERSITY EAST	10541726	200	N	
Total Well Count >	226	42680	< A. Total Assigned Horiz. Acreage		42680	< C. Total Assigned Acreage	
		712	< Total Remaining Horiz. Acreage		712	< Total Remaining Acreage	
		0	< B. Total Assigned Vert./Dir. Acreage				
		43372	< Total Remaining Vert./Dir. Acreage				



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RRC ID No. or Lease No.	Well No.	H-Horizontal D-Directional V-Vertical	Lease Name	API No.	Acres Assigned	SWR 38 Except. (Y/N)	Operator Name and Operator No. (if different from filing operator)
17576	4118DH	H	UNIVERSITY EAST	10541727	200	N	
17576	4118EH	H	UNIVERSITY EAST	10541728	200	N	
17576	4118FH	H	UNIVERSITY EAST	10541729	200	N	
17576	4118GH	H	UNIVERSITY EAST	10541730	200	N	
17576	4118HH	H	UNIVERSITY EAST	10541731	200	N	
17576	4322AH	H	UNIVERSITY EAST	23535043	200	N	
17576	4322CH	H	UNIVERSITY EAST	23535047	200	N	
17576	4322DH	H	UNIVERSITY EAST	23535069	200	N	
17576	4322EH	H	UNIVERSITY EAST	23535068	200	N	
17576	4322FH	H	UNIVERSITY EAST	23535070	200	N	
17576	4322GH	H	UNIVERSITY EAST	23535067	200	N	
17576	4322HH	H	UNIVERSITY EAST	23536049	200	N	
17576	4322IH	H	UNIVERSITY EAST	23536050	200	N	
17576	4322JH	H	UNIVERSITY EAST	23536051	200	N	
18782	4322KH	H	UNIVERSITY EAST	23536052	200	N	
18782	4322LH	H	UNIVERSITY EAST	23536109	200	N	
18782	4322MH	H	UNIVERSITY EAST	23536110	200	N	
18782	4322NH	H	UNIVERSITY EAST	23536113	200	N	
18782	4322OH	H	UNIVERSITY EAST	23536111	200	N	
18782	4322PH	H	UNIVERSITY EAST	23536112	200	N	
18782	4323AH	H	UNIVERSITY EAST	23534817	200	N	
18782	4323BH	H	UNIVERSITY EAST	23534818	200	N	
18782	4323CH	H	UNIVERSITY EAST	23535034	200	N	
18782	4323DH	H	UNIVERSITY EAST	23535035	200	N	
18782	4323EH	H	UNIVERSITY EAST	23535925	200	N	
18782	4323FH	H	UNIVERSITY EAST	23535929	200	N	
18782	4323GH	H	UNIVERSITY EAST	23535968	200	N	
18782	4323HH	H	UNIVERSITY EAST	23536084	200	N	
18782	4323IH	H	UNIVERSITY EAST	23536085	200	N	
18782	4323JH	H	UNIVERSITY EAST	23536086	200	N	
18782	4323KH	H	UNIVERSITY EAST	23536087	200	N	
18782	4324AH	H	UNIVERSITY EAST	38337406	200	N	
18782	4324BH	H	UNIVERSITY EAST	23535026	200	N	
18782	4324CH	H	UNIVERSITY EAST	23535024	200	N	
18782	4324DH	H	UNIVERSITY EAST	38339085	200	N	
18782	4324EH	H	UNIVERSITY EAST	38339086	200	N	
18782	4324FH	H	UNIVERSITY EAST	38339087	200	N	
18782	4324GH	H	UNIVERSITY EAST	38339088	200	N	
18782	4324HH	H	UNIVERSITY EAST	38339089	200	N	
Total Well Count >		226	< A. Total Assigned Horiz. Acreage		42680	< C. Total Assigned Acreage	
		712	< Total Remaining Horiz. Acreage		712	< Total Remaining Acreage	
		0	< B. Total Assigned Vert./Dir. Acreage				
		43372	< Total Remaining Vert./Dir. Acreage				



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RRC ID No. or Lease No.	Well No.	H-Horizontal D-Directional V-Vertical	Lease Name	API No.	Acres Assigned	SWR 38 Except. (Y/N)	Operator Name and Operator No. (if different from filing operator)
17576	4324IH	H	UNIVERSITY EAST	38339090	200	N	
17576	4324JH	H	UNIVERSITY EAST	23535922	200	N	
17576	4324KH	H	UNIVERSITY EAST	23535923	200	N	
17576	4324LH	H	UNIVERSITY EAST	23535924	200	N	
17576	4325AH	H	UNIVERSITY EAST	38337936	200	N	
17576	4325BH	H	UNIVERSITY EAST	38338362	200	N	
17576	4325CH	H	UNIVERSITY EAST	38338364	200	N	
17576	4325DH	H	UNIVERSITY EAST	38339335	200	N	
17576	4325EH	H	UNIVERSITY EAST	38339336	200	N	
17576	4325FH	H	UNIVERSITY EAST	38339337	200	N	
17576	4411AH	H	UNIVERSITY EAST	10541624	200	N	
17576	4411BH	H	UNIVERSITY EAST	10541626	200	N	
17576	4411CH	H	UNIVERSITY EAST	10541643	200	N	
17576	4411DH	H	UNIVERSITY EAST	10541623	200	N	
17576	4411EH	H	UNIVERSITY EAST	10541625	200	N	
17576	4411FH	H	UNIVERSITY EAST	10541637	200	N	
17576	4411GH	H	UNIVERSITY EAST	10542006	200	N	
17576	4411HH	H	UNIVERSITY EAST	10542007	200	N	
17576	4411IH	H	UNIVERSITY EAST	10542008	200	N	
17576	4411JH	H	UNIVERSITY EAST	10542009	200	N	
17576	4411KH	H	UNIVERSITY EAST	10542010	200	N	
17576	4411LH	H	UNIVERSITY EAST	10542011	200	N	
17576	4411MH	H	UNIVERSITY EAST	10542028	200	N	
17576	4411NH	H	UNIVERSITY EAST	10542038	200	N	
17576	4412AH	H	UNIVERSITY EAST	10541627	200	N	
17576	4412BH	H	UNIVERSITY EAST	10541628	200	N	
17576	4412CH	H	UNIVERSITY EAST	10541629	200	N	
17576	4412DH	H	UNIVERSITY EAST	10541661	200	N	
17576	4412EH	H	UNIVERSITY EAST	10541660	200	N	
17576	4412FH	H	UNIVERSITY EAST	10541659	200	N	
17576	4412GH	H	UNIVERSITY EAST	10541632	200	N	
17576	4412HH	H	UNIVERSITY EAST	10541634	200	N	
17576	4412IH	H	UNIVERSITY EAST	10541635	200	N	
17576	4412JH	H	UNIVERSITY EAST	10541875	200	N	
17576	4412KH	H	UNIVERSITY EAST	10541877	200	N	
17576	4412NH	H	UNIVERSITY EAST	10541878	200	N	
17576	4412OH	H	UNIVERSITY EAST	10541882	200	N	
17576	4412RH	H	UNIVERSITY EAST	10541884	200	N	
17576	4412SH	H	UNIVERSITY EAST	10541869	200	N	
Total Well Count >	226	42680	< A. Total Assigned Horiz. Acreage		42680	< C. Total Assigned Acreage	
		712	< Total Remaining Horiz. Acreage		712	< Total Remaining Acreage	
		0	< B. Total Assigned Vert./Dir. Acreage				
		43372	< Total Remaining Vert./Dir. Acreage				

RAILROAD COMMISSION OF TEXAS

**1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967**

Form P-16

Page 1

Rev. 01/2016

Acreage Designation

SECTION I. OPERATOR INFORMATION

Operator Name:	Operator P-5 No.:
Operator Address:	

SECTION II. WELL INFORMATION

District No.:	County:	Purpose of Filing: <input type="checkbox"/> Drilling Permit Application (Form W-1) <input type="checkbox"/> Completion Report (Form G-1/W-2)
Well No.:	API No.:	
Total Lease Acres:	Drilling Permit No.:	
Lease Name:	Lease No.:	
Field Name:	Field No.:	

Filer is the owner or lessee, or has been authorized by the owner or lessee, of all or an undivided portion of the mineral estate under each tract for which filer is listed as operator below. For all leases operated by other entities, the number of assigned acres shown are reflected on current Commission records or the filer has been authorized by the current operator to change the assigned acreage of that operator as shown below.

SECTION III. LISTING OF ALL WELLS IN THE APPLIED-FOR FIELD ON THE SAME ACREAGE AS THE LEASE, POOLED UNIT, OR UNITIZED TRACT DESIGNATED IN SECTION II ABOVE BY FILER

[illegible]

Total Well Count >		< A. Total Assigned Horiz. Acreage		< C. Total Assigned Acreage
		< Total Remaining Horiz. Acreage		< Total Remaining Acreage
		< B. Total Assigned Vert./Dir. Acreage		
		< Total Remaining Vert./Dir. Acreage		

SECTION IV. REMARKS / PURPOSE OF FILING (see instructions)

--

Attach Additional Pages As Needed. ☐ No additional pages ☐ Additional Pages: _____ (No. of additional pages)

CERTIFICATION: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that this report was prepared by me or under my supervision or direction, that I am authorized to make this report, and that the information contained in this report is true, correct, and complete to the best of my knowledge.

Signature	Name and title (type or print)	Email (include email address <i>only</i> if you affirmatively consent to its public release)
-----------	--------------------------------	--

Address	City,	State,	Zip Code	Tel: Area Code	Number	Date: mo. day yr.
---------	-------	--------	----------	----------------	--------	-------------------

< **Total Remaining Acreage**

< **Total Remaining Acreage**

< **Total Remaining Acreage**

GROUNDWATER PROTECTION DETERMINATION

Form GW-2



Groundwater Advisory Unit

Date Issued: 26 June 2017**GAU Number:** 173492**Attention:** EP ENERGY E&P COMPANY,
ATTN JOSEPH ARAIZA
HOUSTON, TX 77210**Operator No.:** 253385**API Number:**
County: CROCKETT
Lease Name: UNIVERSITY EAST
Lease Number: 17576
Well Number: 4128FH
Total Vertical Depth: 8999
Latitude: 30.977435
Longitude: -101.171914
Datum: NAD27**Purpose:** New Drill**Location:** Survey-UL; Abstract-U348; Block-41; Section-28

To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Railroad Commission of Texas recommends:

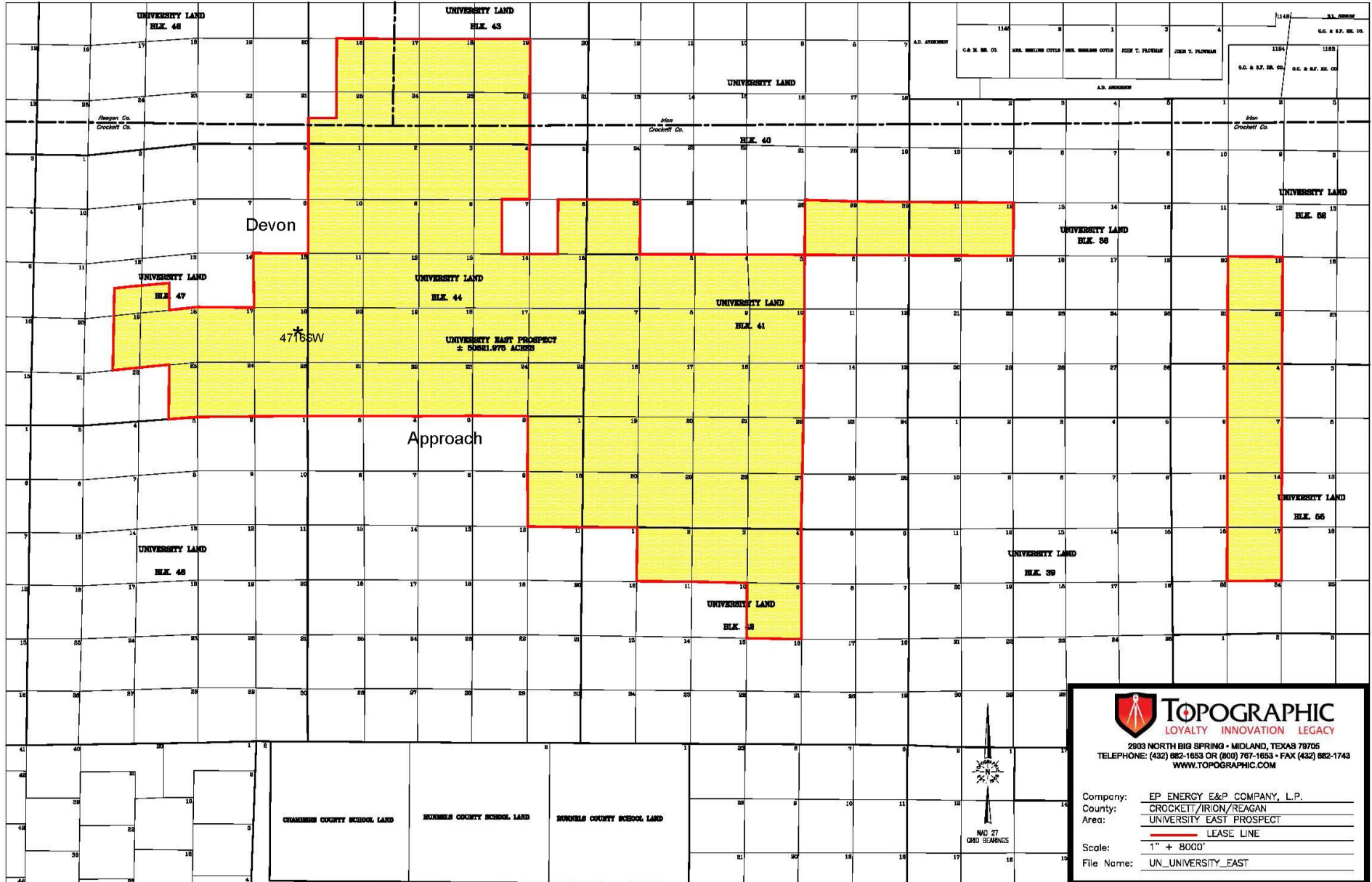
The interval from the land surface to a depth of 800 feet must be protected.

This recommendation is applicable to all wells within a radius of 1800 feet of this location.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. This recommendation is for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).

This determination is based on information provided when the application was submitted on 06/22/2017. If the location information has changed, you must contact the Groundwater Advisory Unit, and submit a new application if necessary. If you have questions, please contact us at 512-463-2741 or gau@rrc.texas.gov.

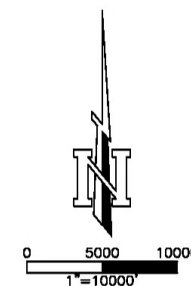
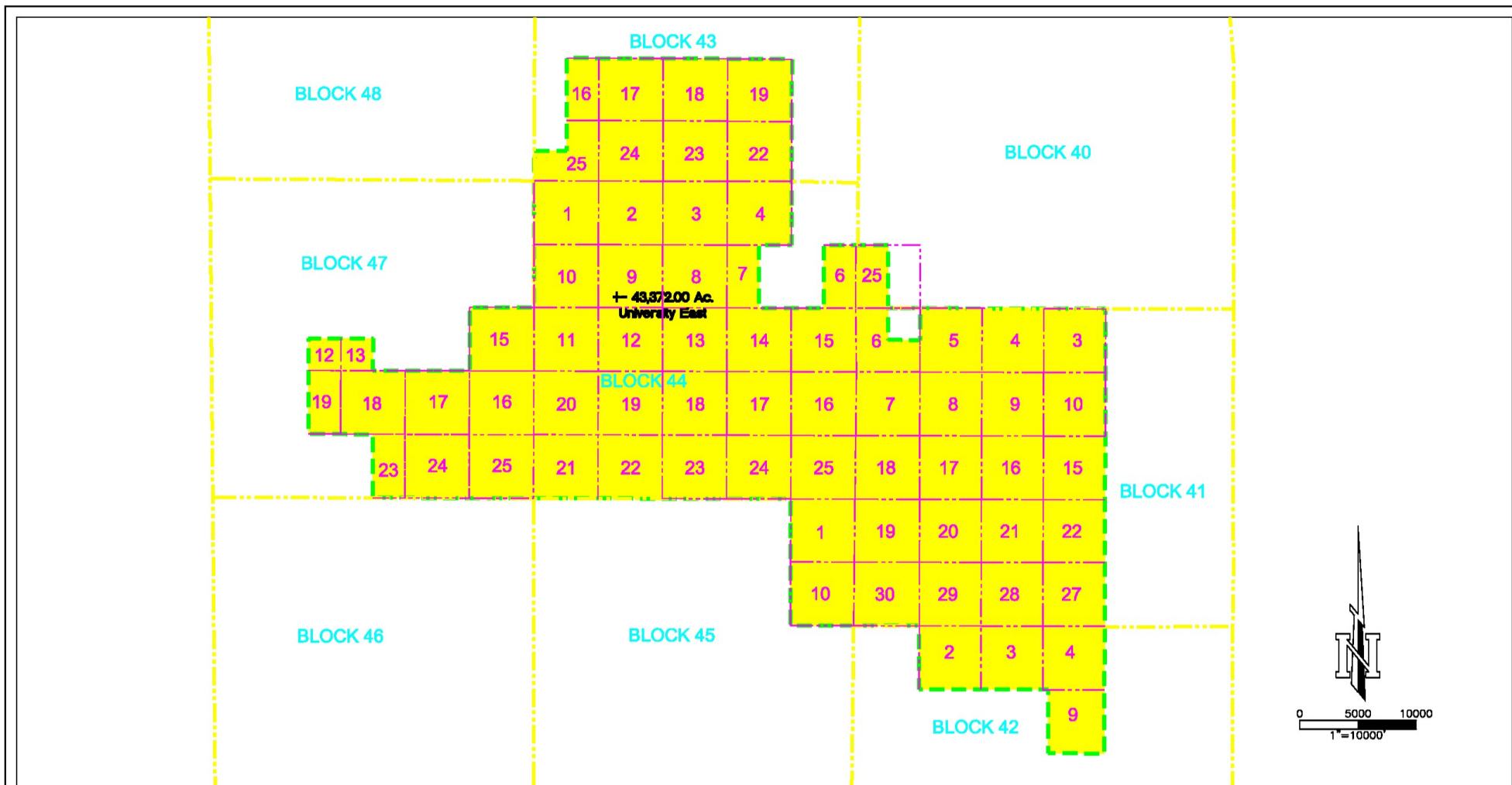
Groundwater Advisory Unit, Oil and Gas Division



Note: University Lands is the only offset surface owner.

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
2003 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 882-1653 OR (800) 767-1653 • FAX (432) 882-1743
WWW.TOPOGRAPHIC.COM

Company: EP ENERGY E&P COMPANY, L.P.
County: CROCKETT/IRION/REAGAN
Area: UNIVERSITY EAST PROSPECT
Scale: 1" = 8000'
File Name: UN_UNIVERSITY_EAST



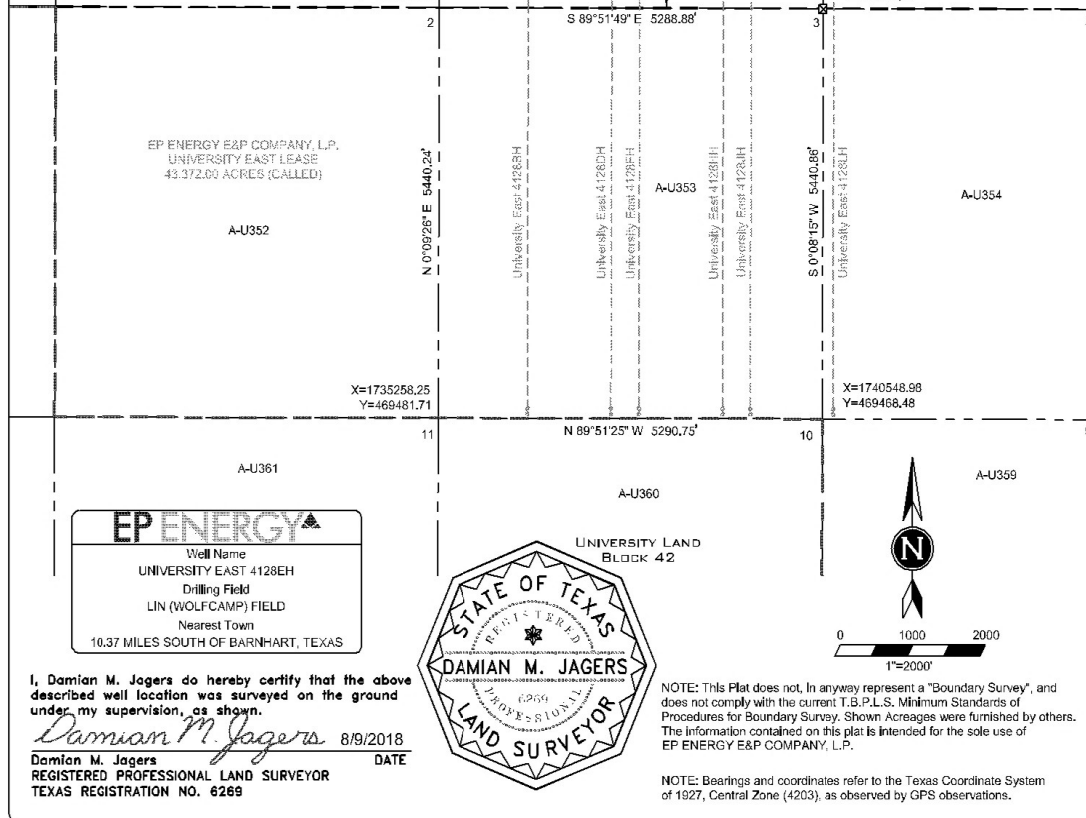
KSA Energy Services
140 E. Tyler St., Ste. 600 Longview, Texas 75601
T.903-236-7700 F.903-236-7779
www.ksaeng.com

EP ENERGY E&P COMPANY, L.P.

University East
Block 40, 41, 42, 43, 44, 45 & 47
Crockett, Reagan and Irion County, Texas

NAD 83, Central Zone 4203	
Surface Hole Location (SHL Sec. 28)	
Latitude = 30.977602° N	
Longitude = 101.172368° W	
X = 2033657.87	
Y = 10320273.88	
Elev. = 2630'	
2663' FNL & 1911' FWL	
NAD 27, Central Zone 4203	
Surface Hole Location (SHL Sec. 28)	
Latitude = 30.977435° N	
Longitude = 101.171978° W	
X = 1737190.70	
Y = 477695.90	
Elev. = 2630'	
2663' FNL & 1911' FWL	
Penetration Point (PP Sec. 28)	
Latitude = 30.977119° N	
Longitude = 101.169364° W	
X = 1738008.88	
Y = 477574.73	
MD = 5840.88	
2659' FSL & 2560' FEL	
First Take Point (FTP Sec. 28)	
Latitude = 30.978259° N	
Longitude = 101.169305° W	
X = 1738030.74	
Y = 477989.86	
MD = 6503	
2367' FNL & 2540' FEL	
Last Take Point (LTP Sec. 21)	
Latitude = 30.998885° N	
Longitude = 101.169331° W	
X = 1738078.70	
Y = 485490.45	
MD = 14010	
306' FNL & 2513' FEL	
Bottom Hole Location (BHL Sec. 21)	
Latitude = 30.999182° N	
Longitude = 101.169346° W	
X = 1738075.01	
Y = 485598.35	
MD = 14118	
198' FNL & 2517' FEL	

Unit Boundary Distance	
SHL	8219' FSL & 8672' FEL
PP	8100' FSL & 7854' FEL
FTP	8514' FSL & 7833' FEL
LTP	16016' FSL & 7804' FEL
BHL	16124' FSL & 7809' FEL



XTS
 CROSSING SURVEYING, LLC
 1301 DARTMOUTH ST. LUBBOCK, TX 79401
 Phone: 806.755.8000 Fax: 806.755.8710
 www.xtsurvey.com

As-Drilled Plat
 For
 EP Energy E&P Company, L.P.

University East 4128EH
 Block 41, Section 28
 Crockett County, Texas