



**RAILROAD COMMISSION OF TEXAS**

**Form W-2**

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

Status: Approved  
Date: 10/19/2017  
Tracking No.: 179207

**OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT, AND LOG**

**OPERATOR INFORMATION**

**Operator Name:** EP ENERGY E&P COMPANY, L.P. **Operator No.:** 253385  
**Operator Address:** ATTN CHELSEA CANTRELLE PO BOX 4660 HOUSTON, TX 77210-4660

**WELL INFORMATION**

**API No.:** 42-105-42358 **County:** CROCKETT  
**Well No.:** 38200H **RRC District No.:** 7C  
**Lease Name:** UNIVERSITY SALT DRAW **Field Name:** LIN (WOLFCAMP)  
**RRC Lease No.:** 18942 **Field No.:** 53613750  
**Location:** Section: 20, Block: 38, Survey: UL, Abstract: U262  
**Latitude:** **Longitude:**  
**This well is located** 7.77 **miles in a** SE **direction from** BARNHART, **which is the nearest town in the county.**

**FILING INFORMATION**

**Purpose of filing:** Initial Potential  
**Type of completion:** New Well  
**Well Type:** Producing **Completion or Recompletion Date:** 03/29/2017  

Type of Permit	Date	Permit No.
Permit to Drill, Plug Back, or Deepen	02/15/2017	822839
Rule 37 Exception		
Fluid Injection Permit		
O&G Waste Disposal Permit		
Other:		

**COMPLETION INFORMATION**

**Spud date:** 02/28/2017 **Date of first production after rig released:** 03/29/2017  
**Date plug back, deepening, recompletion, or drilling operation commenced:** 02/28/2017 **Date plug back, deepening, recompletion, or drilling operation ended:** 03/29/2017  
**Number of producing wells on this lease in this field (reservoir) including this well:** 47 **Distance to nearest well in lease & reservoir (ft.):** 314.0  
**Total number of acres in lease:** 32786.63 **Elevation (ft.):** 2611 GL  
**Total depth TVD (ft.):** 6699 **Total depth MD (ft.):** 15526  
**Plug back depth TVD (ft.):** **Plug back depth MD (ft.):** 15466  
**Was directional survey made other than inclination (Form W-12)?** Yes **Rotation time within surface casing (hours):** 85.5  
**Is Cementing Affidavit (Form W-15) attached?** Yes  
**Recompletion or reclass?** No **Multiple completion?** No  
**Type(s) of electric or other log(s) run:** None  
**Electric Log Other Description:**  
**Location of well, relative to nearest lease boundaries** **Off Lease :** No  
**of lease on which this well is located:** 8926.0 **Feet from the** North **Line and**  
695.0 **Feet from the** East **Line of the**  
UNIVERSITY SALT DRAW **Lease.**

**FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.**

**Field & Reservoir** **Gas ID or Oil Lease No.** **Well No.** **Prior Service Type**

PACKET: N/A

W2: N/A

**FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:**

**GAU Groundwater Protection Determination**      **Depth (ft.):** 825.0      **Date:** 02/14/2017  
**SWR 13 Exception**      **Depth (ft.):**

**INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION**

**Date of test:** 08/17/2017      **Production method:** Gas Lift  
**Number of hours tested:** 24      **Choke size:** 64  
**Was swab used during this test?** No      **Oil produced prior to test:** 7172.00

**PRODUCTION DURING TEST PERIOD:**

**Oil (BBLs):** 869.00      **Gas (MCF):** 1061  
**Gas - Oil Ratio:** 1220      **Flowing Tubing Pressure:** 281.00  
**Water (BBLs):** 1953

**CALCULATED 24-HOUR RATE**

**Oil (BBLs):** 869.0      **Gas (MCF):** 1061  
**Oil Gravity - API - 60.:** 48.0      **Casing Pressure:** 1021.00  
**Water (BBLs):** 1953

**CASING RECORD**

Row	Type of Casing	Casing Size (in.)	Hole Size (in.)	Setting Depth (ft.)	Multi - Stage Depth (ft.)	Multi - Stage Shoe Depth (ft.)	Cement Class	Cement Amount (sacks)	Slurry Volume (cu. ft.)	Top of Cement (ft.)	TOC Determined By
1	Surface	9 5/8	12 1/4	1023			C/POZ; C	350	859.7	0	Circulated to Surface
2	Conventional Production	5 1/2	8 1/2	15516			C/H	2215	3782.2	0	Circulated to Surface

**LINER RECORD**

Row	Liner Size (in.)	Hole Size (in.)	Liner Top (ft.)	Liner Bottom (ft.)	Cement Class	Cement Amount (sacks)	Slurry Volume (cu. ft.)	Top of Cement (ft.)	TOC Determined By
N/A									

**TUBING RECORD**

Row	Size (in.)	Depth (ft.)	Packer Depth (ft.)/Type
1	2 7/8	6496	6485 / EUE AS1-X PACKER

**PRODUCING/INJECTION/DISPOSAL INTERVAL**

Row	Open hole?	From (ft.)	To (ft.)
1	No	L1 6983	15423.0

**ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.**

**Was hydraulic fracturing treatment performed?** Yes  
**Is well equipped with a downhole actuation sleeve?** Yes      **If yes, actuation pressure (PSIG):** 8380.0  
**Production casing test pressure (PSIG) prior to hydraulic fracturing treatment:** 8500      **Actual maximum pressure (PSIG) during hydraulic fracturing:** 8486  
**Has the hydraulic fracturing fluid disclosure been reported to FracFocus disclosure registry (SWR29)?** Yes

Row	Type of Operation	Amount and Kind of Material Used	Depth Interval (ft.)
1	Fracture	ADD PERFS AND FRAC (SEE FRACFOCUS FOR DETAILS)	6983 - 15423

**FORMATION RECORD**

<u>Formations</u>	<u>Encountered</u>	<u>Depth TVD (ft.)</u>	<u>Depth MD (ft.)</u>	<u>Is formation isolated?</u>	<u>Remarks</u>
QUEEN	Yes	1248.1	1248.3	Yes	LOGGED MWD GR
SAN ANDRES	Yes	1419.0	1420.1	Yes	LOGGED MWD GR
LEONARD	Yes	3294.2	3305.6	Yes	LOGGED MWD GR
WOLFCAMP	Yes	5673.8	5685.4	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 (SWR 36)? No  
 Is the completion being downhole commingled (SWR 10)? No

**REMARKS**

KOP 6188'

**RRC REMARKS****PUBLIC COMMENTS:**

[RRC Staff 2017-09-20 14:16:40.565] EDL=8507 feet, max acres=340, LIN (WOLFCAMP) oil well

**CASING RECORD :****TUBING RECORD:****PRODUCING/INJECTION/DISPOSAL INTERVAL :****ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :****POTENTIAL TEST DATA:****OPERATOR'S CERTIFICATION**

**Printed Name:** Rita Martinez-Dean  
**Telephone No.:** (713) 997-6212

**Title:** Associate Analyst  
**Date Certified:** 09/18/2017







**RAILROAD COMMISSION OF TEXAS**

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

**Form W-15**  
Rev. 08/2014

Cementer: Fill in shaded areas.  
Operator: Fill in other items.

**CEMENTING REPORT**

OPERATOR INFORMATION	
Operator Name: EP ENERGY E&P COMPANY, L.P.	Operator P-5 No.: 253385
Cementer Name: COMPASS WELL SERVICES	Cementer P-5 No.: 159789

WELL INFORMATION		
District No.: 7C	County: CROCKETT	
Well No.: 38200H	API No.: 42-105-42358	Drilling Permit No.: 822839
Lease Name: UNIVERSITY SALT DRAW	Lease No.: 10942	
Field Name: LIN (WOLF CAMP)	Field No.: 53613750	

I. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Conductor <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Liner <input checked="" type="checkbox"/> Production					
Drilled hole size (in.): 8 1/2", 8 3/4"		Depth of drilled hole (ft.): 15526'		Est. % wash-out or hole enlargement: 0%	
Size of casing in O.D. (in.): 5.5"		Casing weight (lbs/ft) and grade: 17# HCP-110		No. of centralizers used: 78	
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If no for surface casing, explain in Remarks.			Setting depth shoe (ft.): 15,516'		Top of liner (ft.):
					Setting depth liner (ft.):
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.): 0' (SURFACE)		Cementing date: 3/29/17	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	580	CLASS C	SEE REMARKS	1824	8215
2	1635	CLASS H	SEE REMARKS	2158.2	9312
3					
Total	2215	CH		3782.2	15527

II. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement shoe <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:	
Tapered string drilled hole size (in.) Upper: Lower:			Tapered string depth of drilled hole (ft.) Upper: Lower:		
Tapered string size of casing in O.D. (in.) Upper: Lower:			Tapered string casing weight (lbs/ft) and grade Upper: Lower:		Tapered string no. of centralizers used Upper: Lower:
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO				Setting depth shoe (ft.):	
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					

III. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement/DV tool <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:	
Tapered string drilled hole size (in.) Upper: Lower:			Tapered string depth of drilled hole (ft.) Upper: Lower:		
Tapered string size of casing in O.D. (in.) Upper: Lower:			Tapered string casing weight (lbs/ft) and grade Upper: Lower:		Tapered string no. of centralizers used Upper: Lower:
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO				Setting depth tool (ft.):	
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					



Tracking No.: 179207

*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: 03/29/2017
Field Name LIN (WOLFCAMP)	Drilling Permit No. 822839	
Lease Name UNIVERSITY SALT DRAW	Lease/ID No. 18942	Well No. 38200H
County CROCKETT	API No. 42- 105-42358	

**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  
 09/11/2017  
 Date

-FOR RAILROAD COMMISSION USE ONLY-

# Gamma Log

**Company:** EP Energy E&P Company  
**Well Name:** University Salt Draw 3820 OH  
**API:** 42-105-42358-0000  
**County/Parish:** Crockett  
**State/Prov:** Texas  
**Country:** USA  
**Job #:** B0294

**Company:** EP Energy E&P Company  
**Well Name:** University Salt Draw 3820 OH  
**API:** 42-105-42358-0000  
**County/Parish:** Crockett  
**State or Prov:** Texas  
**Country:** USA  
**Job number:** B0294  
**Field:** Wolfcamp Shale  
**Rig Identification:** Nabors 888  
**Survey Company:** Nabors Drilling Solutions  
**MWD Operator 1** Devin Williams  
**MWD Operator 2** Remote Operating Center  
**Geologist** Lauren Robinson  
**Drilling Engineer** Derek Motley  
**Coordinates** N: 498577.550 E: 1761276.930

<b>Log measurements:</b> GR, ROP	<b>Depth</b>	<b>Date</b>
<b>Depth measured from:</b> Drill Floor - 27 ft	<b>Start:</b> 1,045 ft	3/23/2017
<b>Maximum temperature:</b> F	<b>End:</b>	

<b>Casing</b>	<b>Depth</b>	<b>Size</b>	<b>Mud type:</b> Oil based	<b>Elevations</b>
<b>Surface:</b>	990 ft	9 5/8"	<b>Density:</b> 8.95 ppg	<b>KB:</b> 2638 ft
<b>Intermediate:</b>			<b>Viscosity:</b> 50	<b>DF:</b> 27 ft
			<b>Rm:</b>	<b>GL:</b> 2611 ft
			<b>Rmf:</b>	
			<b>Rmc:</b>	

Run	Bit Size	Offsets		Depths		Dates	
		Gamma	Survey	Start	End	Start	End
1	8 3/4"	54.00 ft	55.00 ft	1,045 ft	6188 ft	3/23/2017	3/24/2017
2	8 3/4"	55.00 ft	56.00 ft	6188 ft	6817 ft	3/24/2017	3/24/2017
3	8 1/2"	54.00 ft	55.00 ft	6817 ft	7220 ft	3/25/2017	3/25/2017
4	8 1/2"	54.00 ft	55.00 ft	7220 ft	9965 ft	3/25/2017	3/26/2017
5	8 1/2"	54.00 ft	55.00 ft	9965 ft		3/26/2017	
6							
7							
8							
9							
10							





## GROUNDWATER PROTECTION DETERMINATION

Form GW-2



## Groundwater Advisory Unit

**Date Issued:** 14 February 2017      **GAU Number:** 167065

<b>Attention:</b>	EP ENERGY E&P COMPANY, ATTN JOSEPH ARAIZA HOUSTON, TX 77210	<b>API Number:</b>	
<b>Operator No.:</b>	253385	<b>County:</b>	CROCKETT
		<b>Lease Name:</b>	UNIVERSITY SALT DRAW
		<b>Lease Number:</b>	18942
		<b>Well Number:</b>	3820MH
		<b>Total Vertical Depth:</b>	8999
		<b>Latitude:</b>	31.035326
		<b>Longitude:</b>	-101.095704
		<b>Datum:</b>	NAD27

**Purpose:** New Drill  
**Location:** Survey-UL; Abstract-U262; Block-38; Section-20

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 20 feet below the base of the Cretaceous-age beds must be protected. The base of the Cretaceous is estimated to occur at a depth between 775 and 825 feet.

This recommendation is applicable to all wells within a radius of 2000 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 02/06/2017. 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

Form GW-2      P.O. Box 12967 Austin, Texas 78771-2967      512-463-2741      Internet address: www.rrc.texas.gov  
Rev. 02/2014

**NAD 83, Central Zone 4203**  
 Surface Hole Location (SHL Sec. 20)  
 Latitude: 31.035483° N  
 Longitude: 101.095965° W  
 X=2057743.95  
 Y=10341156.44  
 Elev.=2611'  
 1973 FSL & 695' FEL

**NAD 27, Central Zone 4203**  
 Surface Hole Location (SHL Sec. 20)  
 Latitude: 31.035327° N  
 Longitude: 101.095576° W  
 X=1781276.93  
 Y=498577.85  
 Elev.=2611'  
 1973 FSL & 695' FEL

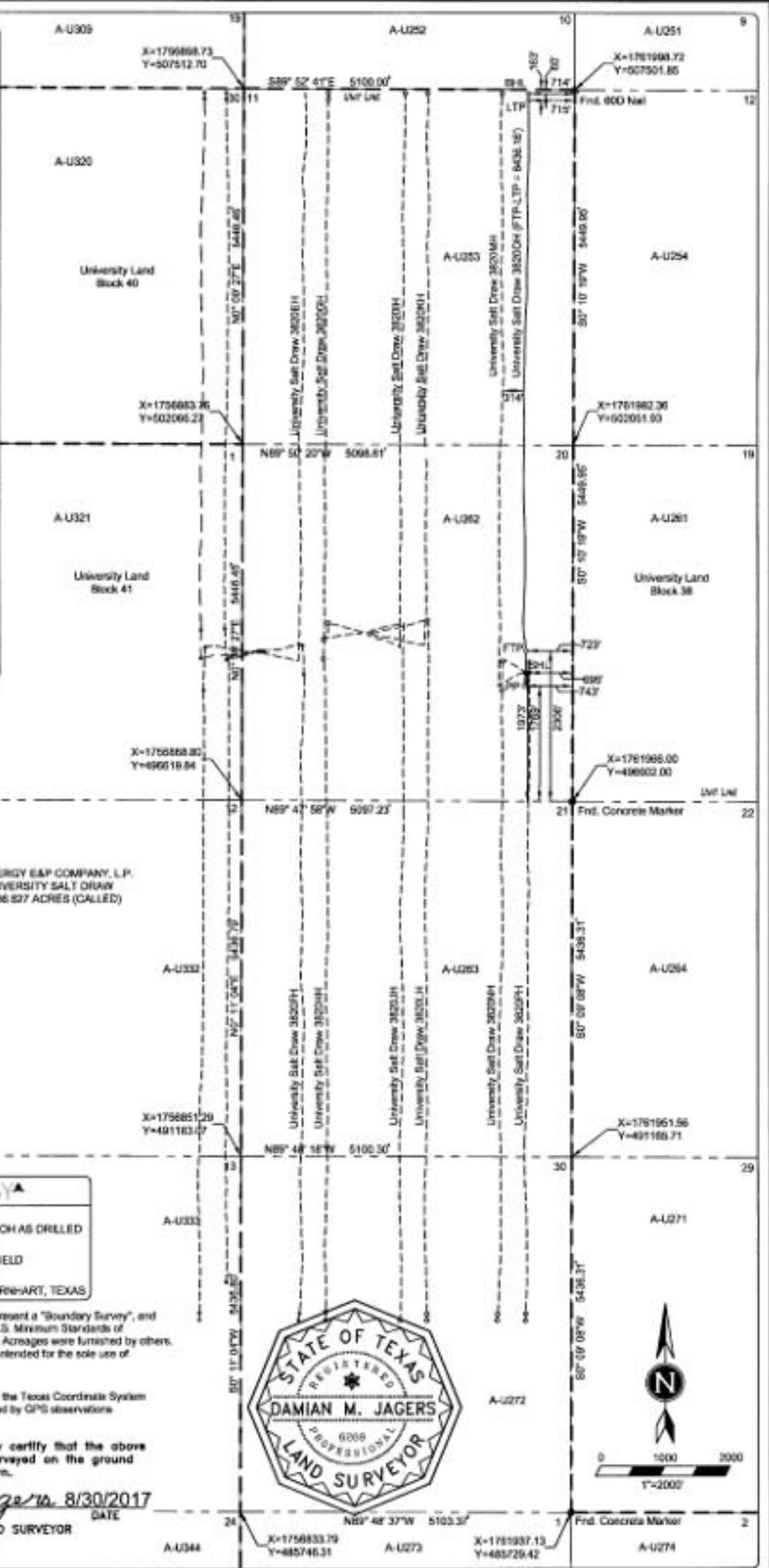
Point of Penetration (PP Sec. 20)  
 Latitude: 31.034765° N  
 Longitude: 101.095727° W  
 X=1781228.44  
 Y=498373.39  
 MD=5,680.58'  
 1768' FSL & 743' FEL

First Take Point (FTP Sec. 20)  
 Latitude: 31.036242° N  
 Longitude: 101.096670° W  
 X=1781249.93  
 Y=498910.45  
 MD=5,983'  
 2306' FSL & 723' FEL

Last Take Point (LTP Sec. 11)  
 Latitude: 31.039420° N  
 Longitude: 101.095748° W  
 X=1781283.12  
 Y=507340.16  
 MD=15,423'  
 163' FNL & 715' FEL

Bottom Hole Location (BHL Sec. 11)  
 Latitude: 31.069703° N  
 Longitude: 101.095747° W  
 X=1781284.22  
 Y=507443.10  
 MD=15,526'  
 60' FNL & 714' FEL

List Boundary Distance	
SHL	9926' FNL & 695' FEL
PP	9130' FNL & 743' FEL
FTP	8552' FNL & 723' FEL
LTP	163' FNL & 715' FEL
BHL	60' FNL & 714' FEL



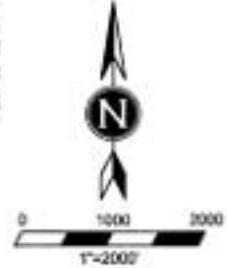
**EP ENERGY**  
 Well Name  
 UNIVERSITY SALT DRAW 38200H AS DRILLED  
 Drilling Field  
 UN (WOLFCAMP) FIELD  
 Nearest Town  
 7.77 MILES SOUTHEAST OF BARNHART, TEXAS

NOTE: This Plat does not, in anyway represent a "Boundary Survey", and does not comply with the current T.B.P.L.S. Minimum Standards of Procedures for Boundary Survey. Shown Acreages were furnished by others. The information contained on this plat is intended for the sole use of EP ENERGY E&P COMPANY, L.P.

NOTE: Bearings and coordinates refer to the Texas Coordinate System of 1927, Central Zone (4203), as observed by GPS observations.

I, Damian M. Jagers do hereby certify that the above described well location was surveyed on the ground under my supervision, as shown.

*Damian M. Jagers* 8/30/2017  
 DAMIAN M. JAGERS DATE  
 REGISTERED PROFESSIONAL LAND SURVEYOR  
 TEXAS REGISTRATION NO. 6269



EP ENERGY E&P COMPANY, L.P.

University Salt Draw 38200H As Drilled  
 Block 38, Section 11  
 Block 38, Section 20  
 Crockett County, Texas

NAD 83, Central Zone 4203  
 Surface Hole Location (SHL Sec. 20)  
 Latitude: 31.035493° N  
 Longitude: 101.095965° W  
 X=2057743.95  
 Y=10341156.44  
 Elev.=2611'  
 1973' FSL & 695' FEL

NAD 27, Central Zone 4203  
 Surface Hole Location (SHL Sec. 20)  
 Latitude: 31.035327° N  
 Longitude: 101.095576° W  
 X=1761276.93  
 Y=498577.55  
 Elev.=2611'  
 1973' FSL & 695' FEL

Point of Penetration (PP Sec. 20)  
 Latitude: 31.034765° N  
 Longitude: 101.095727° W  
 X=1761228.44  
 Y=498373.39  
 MD=5,680.59'  
 1769' FSL & 743' FEL

First Take Point (FTP Sec. 20)  
 Latitude: 31.036242° N  
 Longitude: 101.095670° W  
 X=1761249.93  
 Y=498910.45  
 MD=6,983'  
 2306' FSL & 723' FEL

Last Take Point (LTP Sec. 11)  
 Latitude: 31.059420° N  
 Longitude: 101.095748° W  
 X=1761283.12  
 Y=507340.16  
 MD=15,423'  
 163' FNL & 715' FEL

Bottom Hole Location (BHL Sec. 11)  
 Latitude: 31.059703° N  
 Longitude: 101.095747° W  
 X=1761284.22  
 Y=507443.10  
 MD=15,526'  
 60' FNL & 714' FEL

Unit Boundary Distance	
SHL	8926' FNL & 695' FEL
PP	9130' FNL & 743' FEL
FTP	8592' FNL & 723' FEL
LTP	163' FNL & 715' FEL
BHL	60' FNL & 714' FEL

EP ENERGY E&P COMPANY, L.P.  
 UNIVERSITY SALT DRAW  
 32,786.627 ACRES (CALLED)

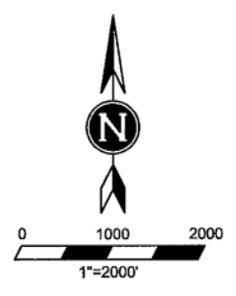
**EP ENERGY**  
 Well Name  
 UNIVERSITY SALT DRAW 3820OH AS DRILLED  
 Drilling Field  
 LIN (WOLFCAMP) FIELD  
 Nearest Town  
 7.77 MILES SOUTHEAST OF BARNHART, TEXAS

NOTE: This Plat does not, in anyway represent a "Boundary Survey", and does not comply with the current T.B.P.L.S. Minimum Standards of Procedures for Boundary Survey. Shown Acreages were furnished by others. The information contained on this plat is intended for the sole use of EP ENERGY E&P COMPANY, L.P.

NOTE: Bearings and coordinates refer to the Texas Coordinate System of 1927, Central Zone (4203), as observed by GPS observations

I, Damian M. Jagers do hereby certify that the above described well location was surveyed on the ground under my supervision, as shown.

*Damian M. Jagers* 8/30/2017  
 DAMIAN M. JAGERS DATE  
 REGISTERED PROFESSIONAL LAND SURVEYOR  
 TEXAS REGISTRATION NO. 6269



EP ENERGY E&P COMPANY, L.P.

University Salt Draw 3820OH As Drilled  
 Block 38, Section 11  
 Block 38, Section 20  
 Crockett County, Texas

