RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 04/25/2018
Tracking No.: 190052

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 JOSEPH ARAIZA PO BOX 4660 HOUSTON, TX 77210-4660

WELL INFORMATION

API No.: 42-105-42411 **County:** CROCKETT
Well No.: 4128EH **RRC District No.:** 7C
Lease Name: UNIVERSITY EAST **Field Name:** LIN (WOLFCAMP)
RRC Lease No.: 17576 **Field No.:** 53613750
Location: Section: 28, Block: 41, Survey: UL, Abstract: U348

Latitude: **Longitude:**
This well is located 10.37 **miles in a** S **direction from** BARNHART, **which is the nearest town in the county.**

FILING INFORMATION

Purpose of filing: Well Record Only
Type of completion: New Well
Well Type: Shut-In Producer **Completion or Recompletion Date:** 08/31/2017

Type of Permit	Date	Permit No.
Permit to Drill, Plug Back, or Deepen	06/29/2017	828181
Rule 37 Exception		
Fluid Injection Permit		
O&G Waste Disposal Permit		
Other:		

COMPLETION INFORMATION

Spud date: 07/12/2017 **Date of first production after rig released:** 08/31/2017
Date plug back, deepening, recompletion, or drilling operation commenced: 07/12/2017 **Date plug back, deepening, recompletion, or drilling operation ended:** 08/31/2017
Number of producing wells on this lease in this field (reservoir) including this well: 226 **Distance to nearest well in lease & reservoir (ft.):** 383.0
Total number of acres in lease: 43372.00 **Elevation (ft.):** 2630 GL
Total depth TVD (ft.): 6292 **Total depth MD (ft.):** 14118
Plug back depth TVD (ft.): **Plug back depth MD (ft.):**
Was directional survey made other than inclination (Form W-12)? Yes **Rotation time within surface casing (hours):** 58.5
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 of lease on which this well is located: 8219.0 **Feet from the** South **Line and** 8672.0 **Feet from the** East **Line of the** UNIVERSITY EAST **Lease.** **Off Lease :** No

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.):** 800.0 **Date:** 06/26/2017

SWR 13 Exception **Depth (ft.):**

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION

Date of test: **Production method:**

Number of hours tested: 24 **Choke size:**

Was swab used during this test? No **Oil produced prior to test:**

PRODUCTION DURING TEST PERIOD:

Oil (BBLS): **Gas (MCF):**

Gas - Oil Ratio: 0 **Flowing Tubing Pressure:**

Water (BBLS):

CALCULATED 24-HOUR RATE

Oil (BBLS): **Gas (MCF):**

Oil Gravity - API - 60.: **Casing Pressure:**

Water (BBLS):

CASING RECORD

Row	Type of Casing	Casing Size (in.)	Hole Size (in.)	Setting Depth (ft.)	Multi - Stage Tool 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	965			C/POZ; C	600	1232.8	0	Circulated to Surface
2	Conventional Production	5 1/2	8 1/2	14104			C/POZ;H/POZ	2045	3559.4	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 Size (ft.)	Packer Depth (ft.)/Type
			/

N/A

PRODUCING/INJECTION/DISPOSAL INTERVAL

Row	Open hole?	From (ft.)	To (ft.)
		L	

N/A

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

Was hydraulic fracturing treatment performed? No

Is well equipped with a downhole actuation sleeve? No

If yes, actuation pressure (PSIG):

Production casing test pressure (PSIG) prior to hydraulic fracturing treatment:

Actual maximum pressure (PSIG) during hydraulic fracturing:

Has the hydraulic fracturing fluid disclosure been reported to FracFocus disclosure registry (SWR29)? No

Row	Type of Operation	Amount and Kind of Material Used	Depth Interval (ft.)

N/A

FORMATION RECORD

Formations	Encountered	Depth TVD (ft.)	Depth MD (ft.)	Is formation isolated?	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 (SWR 36)? No

Is the completion being downhole commingled (SWR 10)? No

REMARKS

KOP 5847'

RRC REMARKS

PUBLIC COMMENTS:

CASING RECORD :

TUBING RECORD:

WELL WAS NOT DRILLED

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 **Title:** Associate Analyst

Telephone No.: (713) 997-6212 **Date Certified:** 04/05/2018

RAILROAD COMMISSION OF TEXAS

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

CEMENTING REPORT

Form W-15
Rev. 08/2014

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

OPERATOR INFORMATION	
Operator Name: EP ENERGY E&P COMPANY, L P.	Operator P-5 No.: 253385
Cementer Name: Compass Cementing ,LLC	Cementer P-5 No.: 169789

WELL INFORMATION		
District No.: 7C	County: CROCKETT	
Well No.: 4128EH	API No.: 42-105-4211	Drilling Permit No.: 828181
Lease Name: UNIVERSITY EAST	Lease No.: 17576	
Field Name: LIN (WOLFCAMP)	Field No.: 53613750	

I. CASING CEMENTING DATA

Type of casing: ☐ Conductor ☑ Surface ☐ Intermediate ☐ Liner ☐ Production

Drilled hole size (in.): 12 25	Depth of drilled hole (ft.): 972	Est. % wash-out or hole enlargement:
Size of casing in O.D. (in.): 9.625	Casing weight (lbs/ft) and grade: 36/40# J-55	No. of centralizers used: 6
Was cement circulated to ground surface (or bottom of cellar) outside casing? ☐ YES ☑ NO If no for surface casing, explain in Remarks.	Setting depth shoe (ft.): 965.34	Top of liner (ft.): / Setting depth liner (ft.):
Hrs. waiting on cement before drill-out:	Calculated top of cement (ft.): 0	Cementing date: 07/11/2017

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	445	C/Poz	See Remarks	1,023.5	3,267'
2	155	C	See Remarks	209.25	607'
3					
Total	600			1,232.75	3,874'

II. CASING CEMENTING DATA

Type of casing: ☐ Surface ☐ Intermediate ☐ Production ☐ Tapered production ☐ Multi-stage cement shoe ☐ 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? ☐ YES ☐ 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: ☐ Surface ☐ Intermediate ☐ Production ☐ Tapered production ☐ Multi-stage cement/DV tool ☐ 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? ☐ YES ☐ 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					

CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON							
	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Cementing Date							
Size of hole or pipe (in.)							
Depth to bottom of tubing or drill pipe (ft.)							
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used							
Slurry volume pumped (cu. ft.)							
Calculated top of plug (ft.)							
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)							
Class/type of cement							
Perforate and squeeze (YES/NO)							

REMARKS
Slurry 1 Gel 5 00% C-451 25% C-40P 20% Salt 5 20#/sk Kol Seal 6 00#/sk Phenoseal 2 00#/sk Slurry 2 C-45 25% Salt 1 61#/sk Topped Out With 55 bbls Of Cement Circulated 5 bbls To Surface On7/12/17

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Jose M Perez Service Supervisor	Compass Cementing ,LLC	
Name and title of cementer's representative	Cementing Company	Signature

1930 S US HWY 277	Sonora	TX 76950	(325)387-2940	07/11/2017
Address	City,	State, Zip Code	Tel: Area Code Number	Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Charles Pannell	Drilling Consultant	
Typed or printed name of operator's representative	Title	Signature

P.O. Box 154	Houston, Texas 77001	713-997-1205	7/11/2017
Address	City, State, Zip Code	Tel: Area Code Number	Date: mo. day yr.

Instructions for Form W-15, Cementing Report

NOTICE: The Form W-15 must be submitted as an attachment to a Form G-1 (Gas Well Back Pressure Test, Completion or Recompletion Report, and Log), Form W-2 (Oil Well Potential Test, Completion or Recompletion Report, and Log), Form W-3 (Plugging Record), or Form W-4 (Application for Multiple Completion), any time cement is pumped in a wellbore.

A. **What to file:** An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form.

The Form W-15 should be filed with the Form W-3, Plugging Record, unless the Form W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. **How to file:** An oil and gas completion report and Form W-15 may be filed online using the Commission's Online System (https://webapps.rrc.state.tx.us/security/login.do) or a paper copy of the form may be mailed to the Commission in Austin (P.O. Box 12967, Austin, Texas 78711-2967).

C. **Surface casing:** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Groundwater Advisory Unit in Austin. Sufficient cement shall be used to fill the annular space outside the casing from the shoe to the ground surface or to the bottom of the cellar. Before drilling a well, an operator must obtain a letter from the Groundwater Advisory Unit stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14 (http://info.sos.state.tx.us/pls/pub/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

D. **Estimated % wash-out:** If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.

E. **Multi-stage cement:** An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing and Multi stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.

F. **Multiple parallel strings:** An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.

G. **Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.

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CEMENTING REPORT

Form W-15
Rev. 08/2014

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

OPERATOR INFORMATION

Operator Name: EP ENERGY E&P COMPANY, L.P.	**Operator P-5 No.:** 253385
Cementer Name: COMPASS CEMENTING SERVICES	**Cementer P-5 No.:** 169789

WELL INFORMATION

District No.: 7C	**County:** CROCKETT	
Well No.: 4128EH	**API No.:** 42-105-42411	**Drilling Permit No.:** 828181
Lease Name: UNIVERSITY EAST	**Lease No.:** 17576	
Field Name: LIN (WOLFCAMP)	**Field No.:** 53613750	

I. CASING CEMENTING DATA

Type of casing: ☐ Conductor ☐ Surface ☐ Intermediate ☐ Liner ☑ Production

Drilled hole size (in.): 8.5	**Depth of drilled hole (ft.):** 14118	**Est. % wash-out or hole enlargement:**
Size of casing in O.D. (in.): 5.5	**Casing weight (lbs/ft) and grade:** 17#/HPC-110	**No. of centralizers used:** 68
Was cement circulated to ground surface (or bottom of cellar) outside casing? ☑ YES ☐ NO **If no for surface casing, explain in Remarks.**	**Setting depth shoe (ft.):** 14104	**Top of liner (ft.):** / **Setting depth liner (ft.):**
Hrs. waiting on cement before drill-out:	**Calculated top of cement (ft.):** 0	**Cementing date:** 8/31/2017

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	585	C/POZ	SEE REMARKS	1632.15	6359.58
2	1460	H/POZ	SEE REMARKS	1927.2	8312.04
3					
Total	2045			3559.35	14671.62

II. CASING CEMENTING DATA

Type of casing: ☐ Surface ☐ Intermediate ☐ Production ☐ Tapered production ☐ Multi-stage cement shoe ☐ 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? ☐ YES ☐ 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: ☐ Surface ☐ Intermediate ☐ Production ☐ Tapered production ☐ Multi-stage cement/DV tool ☐ 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? ☐ YES ☐ 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					

CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON							
	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Cementing Date							
Size of hole or pipe (in.)							
Depth to bottom of tubing or drill pipe (ft.)							
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used							
Slurry volume pumped (cu. ft.)							
Calculated top of plug (ft.)							
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)							
Class/type of cement							
Perforate and squeeze (YES/NO)							

REMARKS

LEAD= CLASS C 50%, POZ 50%, BENTONITE8%, C-47B .15%, CITRIC ACID .17%, CSA-1000 .08%, KOL SEAL 5#/SK, GYP SEAL 4#/SK, TAIL= CLASS H 50%, POZ 50%, C-20 .10%, C-47B .20%, CSA-1000 .10% (GOT 5 BBLS OF CEMENT TO SURFACE)

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

JULIO C AVILA CEMENT SUPERVISOR	COMPASS CEMENTING SERVICES	Julio C Avila	
Name and title of cementer's representative	Cementing Company	Signature	
1003 W. COUNTY RD 157	MIDLAND TX 70706	432-561-5970	8/31/2017
Address	City, State, Zip Code	Tel: Area Code Number	Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

MIGUEL GARCIA	DRILLING CONSULTANT		
Typed or printed name of operator's representative	Title	Signature	
PO BOX 154	HOUSTON TX 77001	713-997-1205	8-31-2017
Address	City, State, Zip Code	Tel: Area Code Number	Date: mo. day yr.

Instructions for Form W-15, Cementing Report

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To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14 (http://info.sos.state.tx.us/pls/pub/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

D. **Estimated % wash-out:** If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.

E. **Multi-stage cement:** An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing **and** Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.

F. **Multiple parallel strings:** An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.

G. **Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.

RAILROAD COMMISSION OF TEXAS

1701 N. Congress
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Form P-16
Page 1
Rev. 01/2016

Acreage 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:**
Well No.: 4128EH	**API No.:** 42-105-42411	☐ Drilling Permit Application (Form W-1)
Total Lease Acres: 43,372	**Drilling Permit No.:** 828181	☑ Completion Report (Form G-1/W-2)
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	Name and title (type or print)	Email (include email address *only* if you affirmatively consent to its public release)
	Rita M Dean Assoc Analyst	rita.martinez@epenergy.com

Address	City, State, Zip Code	Tel: Area Code Number	Date: mo. day yr.
1001 Louisiana Street, Houston, TX 77002		713-997-6212	03/27/17

RAILROAD COMMISSION OF TEXAS

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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**
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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	

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		712	**< Total Remaining Horiz. Acreage**	712	**< Total Remaining Acreage**
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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	

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17576	4412VH	H	UNIVERSITY EAST	10541873	200	N	
17576	4412WH	H	UNIVERSITY EAST	10541872	200	N	
17576	4413AH	H	UNIVERSITY EAST	10541664	200	N	
17576	4413BH	H	UNIVERSITY EAST	10541663	200	N	
17576	4413CH	H	UNIVERSITY EAST	10541662	200	N	
17576	4413DH	H	UNIVERSITY EAST	10541638	200	N	
17576	4413EH	H	UNIVERSITY EAST	10541639	200	N	
17576	4413FH	H	UNIVERSITY EAST	10541640	200	N	
17576	4413GH	H	UNIVERSITY EAST	10541665	200	N	
17576	4413HH	H	UNIVERSITY EAST	10541895	200	N	
17576	4413IH	H	UNIVERSITY EAST	10541896	200	N	
17576	4413JH	H	UNIVERSITY EAST	10541897	200	N	
17576	4413KH	H	UNIVERSITY EAST	10541898	200	N	
17576	4413LH	H	UNIVERSITY EAST	10541899	200	N	
17576	4413MH	H	UNIVERSITY EAST	10541904	200	N	
17576	4413NH	H	UNIVERSITY EAST	10542171	200	N	
17576	4413OH	H	UNIVERSITY EAST	10542167	200	N	
17576	4414AH	H	UNIVERSITY EAST	10541900	200	N	
17576	4414BH	H	UNIVERSITY EAST	10542136	200	N	
17576	4414CH	H	UNIVERSITY EAST	10542131	200	N	
17576	4416AH	H	UNIVERSITY EAST	10541948	200	N	
17576	4416BH	H	UNIVERSITY EAST	10541949	200	N	
17576	4416CH	H	UNIVERSITY EAST	10541950	200	N	
17576	4416DH	H	UNIVERSITY EAST	10541951	200	N	
17576	4416EH	H	UNIVERSITY EAST	10541952	200	N	
17576	4417AH	H	UNIVERSITY EAST	10541671	200	N	
17576	4417BH	H	UNIVERSITY EAST	10541672	200	N	
17576	4417CH	H	UNIVERSITY EAST	10541673	200	N	
17576	4417DH	H	UNIVERSITY EAST	10541677	200	N	
17576	4417EH	H	UNIVERSITY EAST	10541678	200	N	
17576	4417FH	H	UNIVERSITY EAST	10541681	200	N	
17576	4417GH	H	UNIVERSITY EAST	10541670	200	N	
17576	4417HH	H	UNIVERSITY EAST	10541837	200	N	
17576	4417IH	H	UNIVERSITY EAST	10541839	200	N	
17576	4417JH	H	UNIVERSITY EAST	10541838	200	N	
17576	4417KH	H	UNIVERSITY EAST	10541848	200	N	
17576	4417LH	H	UNIVERSITY EAST	10541849	200	N	
17576	4417MH	H	UNIVERSITY EAST	10541850	200	N	
17576	4417NH	H	UNIVERSITY EAST	10541840	200	N	

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17576	4417OH	H	UNIVERSITY EAST		200	N	
17576	4417PH	H	UNIVERSITY EAST	10541868	200	N	
17576	4425AH	H	UNIVERSITY EAST	10541715	200	N	
17576	4425BH	H	UNIVERSITY EAST	10541716	200	N	
17576	4425CH	H	UNIVERSITY EAST	10541717	200	N	
17576	4425DH	H	UNIVERSITY EAST	10541718	200	N	
17576	4425EH	H	UNIVERSITY EAST	10541719	200	N	
17576	4425FH	H	UNIVERSITY EAST	10541720	200	N	
17576	4716AH	H	UNIVERSITY EAST	10541592	200	N	
17576	4716BH	H	UNIVERSITY EAST	10541594	200	N	
17576	4716CH	H	UNIVERSITY EAST	10541606	200	N	
17576	4716DH	H	UNIVERSITY EAST	10541613	200	N	
17576	4716EH	H	UNIVERSITY EAST	10541618	200	N	
17576	4716GH	H	UNIVERSITY EAST	10541604	200	N	
17576	4716HH	H	UNIVERSITY EAST	10541916	200	N	
17576	4716IH	H	UNIVERSITY EAST	10541917	200	N	
17576	4716JH	H	UNIVERSITY EAST	10541918	200	N	
17576	4716KH	H	UNIVERSITY EAST	10541919	200	N	
17576	4716LH	H	UNIVERSITY EAST	10541920	200	N	
17576	4716MH	H	UNIVERSITY EAST	10541921	200	N	
17576	4717AH	H	UNIVERSITY EAST	10541922	200	N	
17576	4717BH	H	UNIVERSITY EAST	10541923	200	N	
17576	4717CH	H	UNIVERSITY EAST	10541924	200	N	
17576	4717DH	H	UNIVERSITY EAST	10541925	200	N	
17576	4717EH	H	UNIVERSITY EAST	10541926	200	N	
17576	4717FH	H	UNIVERSITY EAST	10541927	200	N	
17576	4718BH	H	UNIVERSITY EAST	10541580	200	N	
17576	4719AH	H	UNIVERSITY EAST	10541558	200	N	
17576	4316AH	H	UNIVERSITY EAST	38337562	200	N	
17576	4316BH	H	UNIVERSITY EAST	38337567	200	N	
17576	4317AH	H	UNIVERSITY EAST	38337316	200	N	
17576	4317BH	H	UNIVERSITY EAST	23534944	200	N	
17576	4318AH	H	UNIVERSITY EAST	23534785	200	N	
17576	4318BH	H	UNIVERSITY EAST	23535012	200	N	
17576	4319AH	H	UNIVERSITY EAST	23534675	200	N	
17576	4718AH	H	UNIVERSITY EAST	10541250	200	N	
17576	4106AH	H	UNIVERSITY EAST	10542387	40	N	
17576	4106BH	H	UNIVERSITY EAST	10542398	40	N	
17576	4106CH	H	UNIVERSITY EAST	10542391	40		

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17576	4106DH	H	UNIVERSITY EAST	10542392	40	N	
17576	4106EH	H	UNIVERSITY EAST	10542393	40	N	
17576	4106FH	H	UNIVERSITY EAST	10542395	40	N	
17576	4106GH	H	UNIVERSITY EAST	10542396	40	N	
17576	4415AH	H	UNIVERSITY EAST	10542238	40	N	
17576	4415BH	H	UNIVERSITY EAST	10542239	40	N	
17576	4415CH	H	UNIVERSITY EAST	10542399	40	N	
17576	4415DH	H	UNIVERSITY EAST	10542400	40	N	
17576	4415EH	H	UNIVERSITY EAST	10542401	40	N	
17576	4128AH	H	UNIVERSITY EAST	10542405	40	N	
17576	4128BH	H	UNIVERSITY EAST	10542409	40	N	
17576	4128CH	H	UNIVERSITY EAST	10542410	40	N	
17576	4128DH	H	UNIVERSITY EAST	10542413	40	N	
17576	4128EH	H	UNIVERSITY EAST	10542411	40	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**			

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	**API Number:**	
		County:	CROCKETT
		Lease Name:	UNIVERSITY EAST
		Lease Number:	17576
Operator No.:	253385	**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:

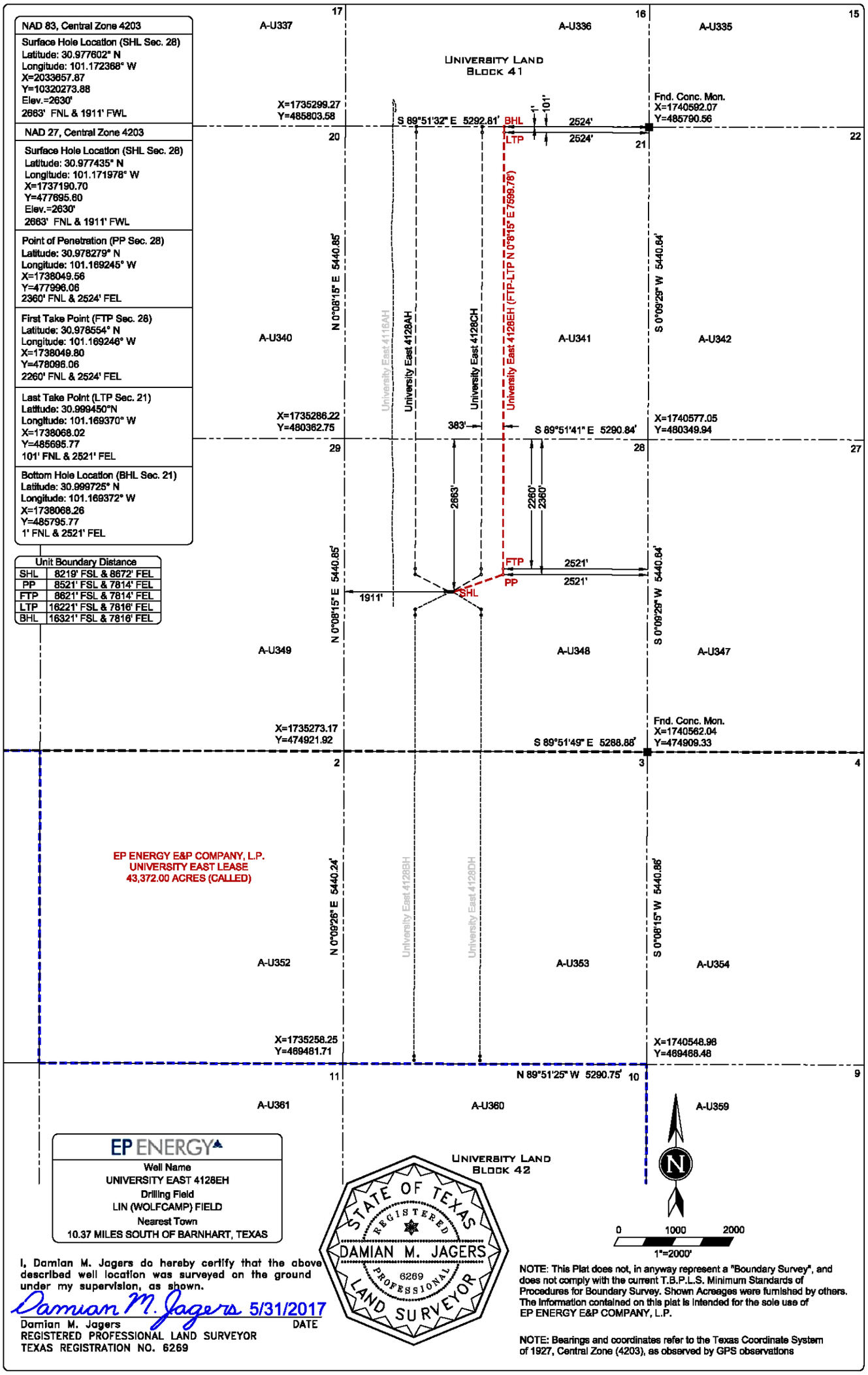
The interval from the land surface to a depth of 800 feet must be protected.

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



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 5/31/2017

Damian M. Jagers — DATE

REGISTERED PROFESSIONAL LAND SURVEYOR

TEXAS REGISTRATION NO. 6269

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

XTS
CROSS TIMBERS SURVEYING, LLC
1603 DARTMOUTH ST, LONGVIEW, TX 75601
Phone: 254-865-8686 Fax: 254-865-5715
www.xtsurvey.com

EP ENERGY E&P COMPANY, L.P.

UNIVERSITY EAST 4128EH
Block 41, Section 28
Block 41, Section 21
Crockett County, Texas