



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Submitted
Date: 06/30/2015
Tracking No.: 134615

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 CHAPMAN PO BOX 4660 HOUSTON, TX 77210-4660

WELL INFORMATION

API No.: 42-105-42042 County: CROCKETT
Well No.: 4110BH RRC District No.: 7C
Lease Name: UNIVERSITY EAST Field Name: LIN (WOLFCAMP)
RRC Lease No.: 17576 Field No.: 53613750
Location: Section: 10, Block: 41, Survey: UL, Abstract: U330

Latitude: Longitude:
This well is located 7.32 miles in a SOUTH
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: 12/19/2014

Type of Permit Date Permit No.
Permit to Drill, Plug Back, or Deepen 10/01/2014 784712
Rule 37 Exception
Fluid Injection Permit
O&G Waste Disposal Permit
Other:

COMPLETION INFORMATION

Spud date: 10/18/2014 Date of first production after rig released: 12/19/2014
Date plug back, deepening, recompletion, or drilling operation commenced: 10/18/2014 Date plug back, deepening, recompletion, or drilling operation ended: 12/19/2014
Number of producing wells on this lease in this field (reservoir) including this well: 199 Distance to nearest well in lease & reservoir (ft.): 123.0
Total number of acres in lease: 43372.00 Elevation (ft.): 2493 GL
Total depth TVD (ft.): 6390 Total depth MD (ft.): 14649
Plug back depth TVD (ft.): Plug back depth MD (ft.): 14606
Was directional survey made other than inclination (Form W-12)? Yes Rotation time within surface casing (hours): 115.0
Is Cementing Affidavit (Form W-15) attached? Yes
Recompletion or reclass? No Multiple completion? No
Type(s) of electric or other log(s) run: Gamma Ray (MWD)
Electric Log Other Description:
Location of well, relative to nearest lease boundaries Off Lease : No
of lease on which this well is located: 8385.0 Feet from the North Line and
3418.0 Feet from the East Line of the
UNIVERSITY EAST 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.):	900.0	Date: 05/01/2014
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 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	1000			CLASS C	550	1022.0	0	Circulated to Surface
2	Conventional Production	5 1/2	8 3/4	14649			CLASS C & H	2295	3717.2	0	Calculation

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.)
N/A			
Packer Depth (ft.)/Type			
/			

PRODUCING/INJECTION/DISPOSAL INTERVAL			
Row	Open hole?	From (ft.)	To (ft.)
1	No	L1 6646	14544.0

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): 9468.0			
Production casing test pressure (PSIG) prior to hydraulic fracturing treatment: 8000			
Actual maximum pressure (PSIG) during hydraulic fracturing: 8000			
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 FRAC FOCUS FOR DETAILS).	6646 14544

FORMATION RECORD					
Formations	Encountered	Depth TVD (ft.)	Depth MD (ft.)	Is formation isolated?	Remarks
QUEEN	Yes	1167.0	1167.0	Yes	
GRAYBURG	Yes	1333.0	1334.0	Yes	
SAN ANDRES	Yes	1530.0	1533.0	Yes	
CLEARFORK	Yes	3540.0	3551.0	Yes	
LEONARD	Yes	5122.0	5133.0	Yes	
DEAN	Yes	5729.0	5740.0	Yes	
WOLFCAMP	Yes	5859.0	5871.0	Yes	
WOLFCAMP A	Yes	5998.0	6011.0	Yes	
WOLFCAMP B	Yes	6207.0	6252.0	No	PRODUCING INTERVAL
CANYON	No			No	WELL NOT DEEP ENOUGH
STRAWN	No			No	WELL NOT DEEP ENOUGH
DEVONIAN	No			No	WELL NOT DEEP ENOUGH
ELLENBURGER	No			No	WELL NOT DEEP ENOUGH

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
UNIVERSITY EAST 4110BH. KOP = 5927'. THIS WELL HAS NOT HAD THE FRAC PLUGS DRILLED OUT YET AND IS NOT COMPLETED.

RRC REMARKS
<div>PUBLIC COMMENTS:</div> <div>CASING RECORD :</div> <div>TUBING RECORD:<div>THIS WELL HAS NOT HAD THE FRAC PLUGS DRILLED OUT YET AND IS NOT COMPLETED.</div></div> <div>PRODUCING/INJECTION/DISPOSAL INTERVAL :</div> <div>ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :</div> <div>POTENTIAL TEST DATA:</div>

OPERATOR'S CERTIFICATION	
Printed Name: LINDA RENKEN	Title: Sr. Regulatory Analyst
Telephone No.: (713) 997-5138	Date Certified: 06/30/2015

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

Form W-15
Cementing Report
Rev.4/1/83
HAL1199

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

1. Operator's Name (As Shown on Form P-5, Organization Report)	2. RRC Operator No.	3. RRC District No.	4. County of Well Site
EP Energy E&P Company, L.P.	253385	7C	
5. Field Name (Wildcat or Exactly as Shown on RRC Records)	6. API No.	7. Drilling Permit No.	
Lin (Wolfcamp)			
8. Lease Name	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well Name/No.
University East		17576	4110BH

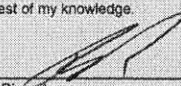
CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING			MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Strings	Parallel	Tool	Shoe
12. Cementing Date		10/18/2014						
13. *Drilled hole size		12-1/4"						
*Est. % wash or hole enlargement								
14. Size of casing (in. O.D.)		9-5/8"						
15. Top of liner (ft)								
16. Setting depth (ft)		1,000'						
17. Number of centralizers used		7						
18. Hrs. waiting on cement before drill-out		720						
1st slurry	Cement used: No. of sacks >	400						
	Class >	C						
	Additives >	See remarks						
2nd slurry	No. of sacks >	150						
	Class >	C						
	Additives >	See remarks						
3rd slurry	No. of sacks >							
	Class >							
	Additives >							
1st	20. Slurry pumped: Volume (cu.ft.) >	820						
	Height (ft.) >	2618						
2nd	Volume (cu.ft.) >	202						
	Height (ft.) >	591						
3rd	Volume (cu.ft.) >							
	Height (ft.) >							
Total	Volume (cu.ft.) >	1022						
	Height (ft.) >	3209						
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?		Yes						
22. Remarks Circulated 50 Bbls/137 sks cement to surface								
1st Slurry		65/35(C/Poz) 6% Gel, 1% C-45, .75% C-41P, 4.4 #/sk Salt, 6 #/sk Kol Seal, 2 #/sk Phenoseal.						
2nd Slurry		C w/ .25% C-41P, 1.61 #/sk Salt						
3rd Slurry								

University East #4110BH

Surface Casing

CEMENTING TO PLUG AND ABANDON		PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date									
24. Size of hole or pipe plugged (in.)									
25. Depth to bottom of tubing or drill pipe (ft.)									
26. Sacks of cement used (each plug)									
27. Slurry volume pumped (cu.ft.)									
28. Calculated top of plug (ft.)									
29. Measured top of plug, if tagged (ft.)									
30. Slurry wt. (lbs/gal)									
31. Type cement									

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.

Travis Riecks		Compass Cementing Services, LLC			
Name and Title of Cements Representative		Cementing Company			
1930 South US HWY 277	Sonora	TX	76950	325	387-2940
Address	City	State	Zip Code	Tel: Area Code	Number
				10/18/2014	
				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.

Linda Renken

Regulatory Analyst

Typed or Printed Name of Operator's Representative		Title		Signature	
P.O. Box 4660, Houston, TX 77210-4660		(713) 997-5138		Oct. 28, 2014	
		480-888-6942			
Address	City	State	Zip Code	Tel: Area Code	Number
				Date: Mo. Day Yr.	

Instruction to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion, and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

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. Form W-15 should be filed with the following:

- * An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
- * Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- * Form W-3, Plugging Record, unless the 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. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. 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.

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

Form W-15
Cementing Report
Rev. 4/1/83
HAL1199

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As Shown on Form P-5, Organization Report) EP ENERGY EP Company, L.P.	2. RRC Operator No. 253385	3. RRC District No. 7C	4. County of Well Site CROCKETT
5. Field Name (Wildcat or Exactly as Shown on RRC Records) Lin (Wolfcamp)	6. API No. 42-105-42042	7. Drilling Permit No. 784712	
8. Lease Name UNIVERSITY EAST	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. 17576	11. Well No. 4110BH

CASING CEMENTING DATA:		SURFACE CASING	INTER- MEDIATE CASING	PRODUCTION		CASING		MULTI-STAGE CEMENTING PROCESS	
				Single	String	Multiple Parallel Strings	Tool	Shoe	
12. Cementing Date				12/18/2014					
13. *Drilled hole size				8-3/4"					
*Est. % wash or hole enlargement									
14. Size of casing (in. O.D.)				5-1/2"					
15. Top of liner (ft)									
16. Setting depth (ft)				14,649'					
17. Number of centralizers used				67					
18. Hrs. waiting on cement before drill-out									
1st Slurry	19. API cement used: No. of sacks ▶			565					
	Class ▶			VERSACEM HCB					
	Additives ▶			REMARK 1					
2nd Slurry	No. of sacks ▶			1730					
	Class ▶			VERSACEM H					
	Additives ▶			REMARK 2					
3rd Slurry	No. of sacks ▶								
	Class ▶								
	Additives ▶								
1st	20. Slurry pumped: Volume (cu.ft.) ▶			1506.29					
	Height (ft.) ▶			5896					
2nd	Volume (cu.ft.) ▶			2210.94					
	Height (ft.) ▶			8753					
3rd	Volume (cu.ft.) ▶								
	Height (ft.) ▶								
Total	Volume (cu.ft.) ▶			3717.23					
	Height (ft.) ▶			14649					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?				NO					
22. Remarks								Sales Order 901916950	
1 10% BENTONITE, 5% CAL-SEAL 60, .10% FE-2 .25 LBM D-AIR 5000, .25% HR-601								Customer Name	
2 5% POTASSIUM, .70% HALAD®-23, .10% FWCA								EP ENERGY	
								Lease	
								UNIVERSITY EAST	
								Well Number	
								4110BH	

Production Casing

University East # 4110BH

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date								
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu.ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)								
31. Type cement								

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.

EDGAR MONTES SERVICE SUPERVISOR
Name and Title of Cementer's Representative

Halliburton Energy Services
Cementing Company

[Signature]
Signature

6155 W. Murphy Odessa TX 79763
Address City State Zip Code

1-800-844-8451
Tel: Area Code Number

12/19/2014
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.

Linda Renken
Typed or Printed Name of Operator's Representative

Regulatory Analyst
Title

Linda Renken
Signature

P.O. Box 4660, Houston, TX 77210-4660
Address City State Zip Code

(713) 997-5138
Tel: Area Code Number

Feb. 24, 2015
Date: Mo. Day Yr.

Instruction to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion, and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

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. Form W-15 should be filed with the following:

- * An initial oil or gas completion report, **Form W-2 or G-1**, as required by Statewide or special field rules;
- * **Form W-4**, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- * **Form W-3**, Plugging Record, unless the 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. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. **Surface casing.** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. **Centralizers.** Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. **Exceptions and alternative casing programs.** The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. **An operator must obtain approval of any exception before beginning casing and cementing operations.**

F. **Intermediate and production casing.** For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. **Plugging and abandoning.** Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. 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.

Tracking No.: 134615

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. 7CCompletion
Date: 12/19/2014Field
Name LIN (WOLFCAMP)Drilling Permit
No. 784712Lease
Name UNIVERSITY EASTLease/ID
No. 17576Well
No. 4110BHCounty
CROCKETTAPI
No. 42- 105-42042

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: (NO ELECTRIC LOG RAN, JUST GAMMA RAY)

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). _____

LINDA RENKEN

Signature

EP ENERGY E&P COMPANY, L.P.

Name (print)

Sr. Regulatory Analyst

Title

(713) 997-5138

Phone

06/30/2015

Date

-FOR RAILROAD COMMISSION USE ONLY-

STATEMENT OF PRODUCTIVITY OF ACREAGE
ASSIGNED TO PRORATION UNITS

Form P-15

Tracking No.: 134615

This facsimile P-15 was generated electronically
from data submitted to the RRC.

The undersigned states that he is authorized to make this statement; that he has knowledge of the facts concerning the EP ENERGY E&P COMPANY, L.P. ,

OPERATOR

UNIVERSITY EAST

LEASE

No. 4110BH

WELL

; that such well is

completed in the LIN (WOLFCAMP) Field, CROCKETT County,

Texas and that the acreage claimed, and assigned to such well for proration purposes as

authorized by special rule and as shown on the attached certified plat embraces _____

260.0 acres which can reasonably be considered to be productive of hydrocarbons.

- CERTIFICATE

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction,

Date 06/30/2015 Signature LINDA RENKEN

Telephone (713) 997-5138 Title Sr. Regulatory Analyst
AREA CODE

Camma Ray



RYAN DIRECTIONAL SERVICES

A NABORS COMPANY

**MD Min
1:1200 (ft)**

Company: EP Energy E&P Company, L.P.

Well Name: University East 4110 BH

API: 42-105-42042-0000

State: Texas

County: Crockett County

Ryan Job #: 8249 / EP Operator #253385

Company: EP Energy E&P Company, L.P.

Well Name: University East 4110 BH

Field: Wolfcamp Shale

County: Crockett County

State: Texas

Country: USA

API: 42-105-42042-0000

Ryan Job #: 8249 / EP Operator #253385

Company Rep: Christy Jacobs

Geologist: Suzanne Wakeman

MWD1: Chris Cox

MWD2: Daniel Moya

Rig Name: Precision

Rig Number: 106

Hole Size	Casing Size / Depth	Start	End	KB EL: 2,662'
8 3/4"	Surface: 9 5/8" @ 1,000' Intermediate: NA	Date: 12-9-2014 Depth: 904'	Date: 12-17-2014 Depth: 14,649'	DF HT: 29' GL EL: 2,633'

Comments



RYAN DIRECTIONAL SERVICES

A NABORS COMPANY

RYAN DIRECTIONAL SERVICES, INC. uses its best efforts to provide its customers with accurate information in

NAD 83, Zone 4203
Surface Hole Location (SHL Sec. 10)
Latitude: 31.021757° N
Longitude: 101.155832° W
X=2038958.23
Y=10336294.32
Elev.=2633'
2493' FSL & 1870' FWL

NAD 27, Zone 4203
Surface Hole Location (SHL Sec. 10)
Latitude: 31.021592° N
Longitude: 101.155442° W
X=1742491.11
Y=493715.87
Elev.=2633'
2493' FSL & 1870' FWL

Point of Penetration (PP Sec. 10)
Latitude: 31.021281° N
Longitude: 101.155105° W
X=1742595.96
Y=493601.97
2379' FSL & 1975' FWL

First Take Point (FTP Sec. 10)
Latitude: 31.022582° N
Longitude: 101.155113° W
X=1742596.99
Y=494075.19
2584' FNL & 1975' FWL

Last Take Point (LTP Sec. 3)
Latitude: 31.044309° N
Longitude: 101.155208° W
X=1742625.59
Y=501977.30
123' FNL & 1978' FWL

Bottom Hole Location (BHL Sec. 3)
Latitude: 31.044570° N
Longitude: 101.155203° W
X=1742627.75
Y=502072.23
28' FNL & 1980' FWL

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. Acreage shown herein 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

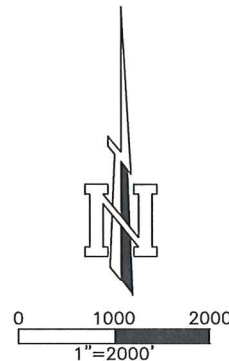
I, Damian M. Jagers do hereby certify that the above described well location plat was generated under my supervision, as shown.

Damian M. Jagers 6/24/2015
DAMIAN M. JAGERS DATE
REGISTERED PROFESSIONAL LAND SURVEYOR
TEXAS REGISTRATION NO. 6269

EP ENERGY[®]
Lease Name and Well Number
UNIVERSITY EAST 4110BH AS-DRILLED
Topography and Vegetation
SCATTERED MESQUITE and CACTUS
7.32 MILES SOUTH OF BARNHART, TEXAS

Unit Boundary Distance	
SHL	8385' FNL & 3418' FEL
PP	8499' FNL & 3313' FEL
FTP	8025' FNL & 3313' FEL
LTP	123' FNL & 3310' FEL
BHL	28' FNL & 3308' FEL

FTP-LTP 7908.00'



EP ENERGY
E&P COMPANY, L.P.
43,372.00 Acres (Called)
"University East"

