



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Submitted
Date: 04/14/2015
Tracking No.: 132866

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

OPERATOR INFORMATION

Operator Name: AMERICAN ENERGY-PERM BASIN, LLC Operator No.: 017996
Operator Address: PO BOX 13710 OKLAHOMA CITY, OK 73113-0000

WELL INFORMATION

API No.: 42-383-39202 County: REAGAN
Well No.: 0806H RRC District No.: 7C
Lease Name: UNIVERSITY 09 Field Name: LIN (WOLFCAMP)
RRC Lease No.: 17946 Field No.: 53613750
Location: Section: 8, Block: 9, Survey: UL, Abstract: U178

Latitude: Longitude:
This well is located 10.14 miles in a NW
direction from BIG LAKE,
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: 03/25/2015

Type of Permit Date Permit No.
Permit to Drill, Plug Back, or Deepen 10/15/2014 797056
Rule 37 Exception
Fluid Injection Permit
O&G Waste Disposal Permit
Other:

COMPLETION INFORMATION

Spud date: 12/22/2014 Date of first production after rig released: 03/25/2015
Date plug back, deepening, recompletion, or drilling operation commenced: 12/22/2014 Date plug back, deepening, recompletion, or drilling operation ended: 01/03/2015
Number of producing wells on this lease in this field (reservoir) including this well: 51 Distance to nearest well in lease & reservoir (ft.): 152.0
Total number of acres in lease: 4520.60 Elevation (ft.): 2671 GL
Total depth TVD (ft.): 7823 Total depth MD (ft.): 14808
Plug back depth TVD (ft.): 7823 Plug back depth MD (ft.): 14808
Was directional survey made other than inclination (Form W-12)? Yes Rotation time within surface casing (hours): 7.0
Is Cementing Affidavit (Form W-15) attached? Yes
Recompletion or reclass? No Multiple completion? No
Type(s) of electric or other log(s) run: None
Electric Log Other Description:
Location of well, relative to nearest lease boundaries Off Lease : No
of lease on which this well is located: 7416.0 Feet from the West Line and
7193.0 Feet from the North Line of the
UNIVERSITY 09 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.): 525.0	Date: 10/02/2014
SWR 13 Exception	Depth (ft.):	

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION	
Date of test: 04/12/2015	Production method: Pumping
Number of hours tested: 24	Choke size: 64
Was swab used during this test? No	Oil produced prior to test: 5504.00
PRODUCTION DURING TEST PERIOD:	
Oil (BBLs): 671.00	Gas (MCF): 860
Gas - Oil Ratio: 1281	Flowing Tubing Pressure: 250.00
Water (BBLs): 2669	
CALCULATED 24-HOUR RATE	
Oil (BBLs): 671.0	Gas (MCF): 860
Oil Gravity - API - 60.: 37.1	Casing Pressure: 170.00
Water (BBLs): 2669	

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	13 3/8	17 1/2	650			PREM	730	1397.0	0	Circulated to Surface
2	Conventional Production	5 1/2	8 3/4	15357			PREM	3560	7830.0	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.)
1	2 7/8	7261	
			Packer Depth (ft.)/Type
			/

PRODUCING/INJECTION/DISPOSAL INTERVAL			
Row	Open hole?	From (ft.)	To (ft.)
1	No	L1 8510	14692.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.			
Was hydraulic fracturing treatment performed?		Yes	
Is well equipped with a downhole actuation sleeve?		If yes, actuation pressure (PSIG):	
No			
Production casing test pressure (PSIG) prior to hydraulic fracturing treatment:		Actual maximum pressure (PSIG) during hydraulic fracturing:	
8500		7185	
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	220,277 BBLS FLUID; 10,279,480 LBS SAND	8510 14692

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>
GRAYBURG	Yes	3106.0	3106.0	Yes	
QUEEN	Yes	2442.0	2442.0	Yes	
SAN ANDRES - SALTWATER FLOW, POSSIBLY HEAVY	Yes	3402.0	3402.0	Yes	
CLEARFORK	No			No	NOT ENCOUNTERED
SPRABERRY	Yes	6113.0	6113.0	Yes	
STRAWN	No			No	NOT ENCOUNTERED
FUSSELMAN	No			No	NOT ENCOUNTERED
ELLENBURGER	No			No	NOT ENCOUNTERED

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	

THIS IS THE FIRST STACKED LATERAL ON THE PARENT WELL #797054.

RRC REMARKS

PUBLIC COMMENTS:
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: Laura Winkler	Title: Sr. Regulatory Analyst
Telephone No.: (405) 608-5608	Date Certified: 04/14/2015

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

Form W-15
Cementing Report

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
American Energy Permian Basin		017990	7C	Reagan
5. Field Name (Wildcat or Exactly as Shown on RRC Records)		6. API No.		7. Drilling Permit No.
Lin (Wolfcamp)		4238339202		797050
8. Lease Name		9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well Number
University 09				0806H

CASING CEMENTING DATA:		SURFACE CASING	INTERMEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				SINGLE STRING	MULTIPLE PARALLEL STRINGS	TOOL	SHOE
12. Cementing Date		10/16/2014					
13. *Drilled Hole Size		17 1/2					
*Ext. % Wash or Hole Enlargement							
14. Size of Casing (in. O.D.)		13 3/8					
15. Top of Liner (ft)							
16. Setting Depth (ft)		050					
17. Number of Centralizers Used							
18. Hrs. Waiting on Cement Before Drill-Out		13 hrs					
1st Slurry	19. API Cement Used: No. of Sacks >	275					
	Class >	prem					
	Additives >	*					
2nd Slurry	No. of Sacks >	455					
	Class >	prem					
	Additives >	**					
3rd Slurry	No. of Sacks >	221 sks					
	Class >	C					
	Additives >	N/A					
1st	20. Slurry Pumped: Volume (cu.ft.) >	497					
	Height (ft) >	711					
2nd	Volume (cu.ft.) >	609					
	Height (ft) >	816					
3rd	Volume (cu.ft.) >	291					
	Height (ft) >	2352					
Total	Volume (cu.ft.) >	1397					
	Height (ft) >	3879					
21. Was Cement Circulated to Ground Surface (or Bottom of Casing) Outside Casing?		YES					
22. Remarks							
lead premplus 80/20 poz w2%cacl 2%cas -10.3% cfl-4 1/4 celloflake							
tail prem plus w 0.5% cfl-4 1/4celloflake							
3rd slurry 221 sks class c							

OVER →

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								

CEMENTERS 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.

Keith Smart Service Supervisor
Name and Title of Cementer's Representative

Universal Pressure Pumping, Inc.
Cementing Company

Signature

P. O. BOX 60268 San Angelo TX. 76906
Address City State Zip Code

(325) 651 - 5700
Tel: Area Code Number

October 18, 2014
Date: Mo. Day Yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, 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.

Rian Hinds
Typed or Printed Name of Operator Representative

Regulatory Technician
Title

Rian Hinds
Signature

301 NW 43rd St. OKC OK 73116
Address City State Zip Code

4056085477
Tel: Area Code Number

2/3/15
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).

- 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 W-15, in addition to Form W-3, to show any casing cemented in the hole.
- Where to file. The appropriate Commission District Office for the county in which the well is located.
- 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.
- 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.
- Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written applications, 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.
- Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 12 (b) (3) and (4).
- 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 1000 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

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
American Energy Permian Basin		01799u	7c	Reagan
5. Field Name (Wildcat or Exactly as Shown on RRC Records)		6. API No.		7. Drilling Permit No.
Lin (Wolfcamp)		4238339202		79705u
8. Lease Name		9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well Number
University 09				0806H

CASING CEMENTING DATA:		SURFACE CASING	INTERMEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				SINGLE STRING	MULTIPLE PARALLEL STRINGS	TOOL	SHOE
12. Cementing Date				1/6/2015			
13. *Drilled Hole Size				8 3/4			
*Ext. % Wash or Hole Enlargement							
14. Size of Casing (in. O.D.)				5 1/2			
15. Top of Liner (ft)							
16. Setting Depth (ft)				14851			
17. Number of Centralizers Used							
18. Hrs. Waiting on Cement Before Drill-Out				14.5			
1st slurry	19. API Cement Used: No. of Sacks >			1875			
	Class >			prem			
	Additives >			*			
2nd slurry	No. of Sacks >			1685			
	Class >			prm			
	Additives >			**			
3rd slurry	No. of Sacks >						
	Class >						
	Additives >						
1st	20. Slurry Pumped: Volume (cu.ft.) >			5775			
	Height (ft) >			8132			
2nd	Volume (cu.ft.) >			2055			
	Height (ft) >			8832			
3rd	Volume (cu.ft.) >						
	Height (ft) >						
Total	Volume (cu.ft.) >			7830			
	Height (ft) >			16964			
21. Was Cement Circulated to Ground Surface (or Bottom of Casing) Outside Casing?				yes			
22. Remarks							
mid con lite 5% salt 10% benoite 5% xpc-10.7% cfl-191.1 cr-1 5# gilsonite 1/4 celloflake							
prem 50/50/ poz w 2% gel 3% salt 0.4% cfl-2 0.3% cr-1 0.15% cd-1 0.1% cas-1							
circulated 60 bbls (109 sxs)							

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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								

CEMENTERS 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.

DANNY SPEARS  Service Supervisor
Name and Title of Cementer's Representative

Universal Pressure Pumping, Inc.
Cementing Company


Signature

P. O. BOX 3120 MIDLAND TX. 79702
Address City State Zip Code

(432) 570 - 4899
Tel: Area Code Number

January 7, 2015
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.

Rian Hinds
Typed or Printed Name of Operators Representative

Regulatory
Technician
Title


Signature

301 NW 43rd St. OKC OK 73110
Address City State Zip Code

405 608 5477
Tel: Area Code Number

2/3/15
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:

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- * 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 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 applications, 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 12 (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 1000 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.

Archer

Gamma Ray/ROP

(Scale: 5":100' (10"))

Company: American Energy Partners

Well: University 09 #0806H

Field: Lin (wolfcamp)

Well ID: 42383392020000

Job Number: 05084-431-22

Location: Lat 31° 16' 58.709 N Long 101° 35' 39.940 W

Operator 1: Jason Dobbs

Operator 2: Justin Adams

State: TX

County: Reagan

Country: USA

Elev KB: 2,701'

Elev DF: 2,701'

Elev GL: 2,671'

Comment 1: Max. Temp 154° F

Comment 2: OBM 9.0 ppg FV 63 sec/qt

Comment 3:

Comment 4:

Comment 5:

Hole Data

Size	From	To
17 1/2"	0'	713'
12 1/4"	713'	6,425'
8 3/4"	6,425'	14,808'

Casing Record

Size	From	To
13 3/8"	0'	713'

Tool Run Data	Run #1	Run #2	Run #3	Run #4	Run #5
Tool S/N	421				
Cal Factor	4.65				
Gamma Offset	37'				
Start Depth	6,425'				
Start Date	12/27/2014				
Start Time	7:30				
End Depth	14,808'				
End Date	01/03/2015				
End Time	23:35				

Tracking No.: 132866

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: AMERICAN ENERGY-PERM BASIN, LLC	District No. 7C	Completion Date: 03/25/2015
Field Name LIN (WOLFCAMP)	Drilling Permit No. 797056	
Lease Name UNIVERSITY 09	Lease/ID No. 17946	Well No. 0806H
County REAGAN	API No. 42- 383-39202	

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). _____

Laura Winkler

Signature

Name (print)

Sr. Regulatory Analyst

Title

(405) 608-5608

Phone

04/14/2015

Date

-FOR RAILROAD COMMISSION USE ONLY-

STATEMENT OF PRODUCTIVITY OF ACREAGE
ASSIGNED TO PRORATION UNITS

Form P-15

Tracking No.: 127385

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 AMERICAN ENERGY-PERM BASIN, LLC ,

OPERATOR

UNIVERSITY 09

LEASE

No. 0806H

WELL

; that such well is

completed in the LIN (WOLFCAMP) Field, REAGAN 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 _____

360.0

_____ 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 02/05/2015 Signature Dianne Newman

Telephone (405) 607-5496 Title Sr. Regulatory Analyst

AREA CODE

CERTIFICATE OF POOLING AUTHORITY

Revised 05/2001

P-12

1. Field Name(s) Lin (Wolfcamp)	2. Lease/ID Number (if assigned)	3. RRR District Number 7C
4. Operator Name American Energy - Permian Basin LLC	5. Operator P-S Number 017996	6. Well Number 0806H
7. Pooled Unit Name University 09	8. API Number	9. Purpose of Filing <input checked="" type="checkbox"/> Drilling Permit (W-1) <input type="checkbox"/> Completion Report
10. County Reagan	11. Total acres in pooled unit 4522.285	

DESCRIPTION OF INDIVIDUAL TRACTS CONTAINED WITHIN THE POOLED UNIT

TRACT/PLAT IDENTIFIER	TRACT NAME	ACRES IN TRACT (See inst. #7 below)	INDICATE UNDIVIDED INTERESTS	
			UNLEASED	NON-POOLED
1	University Lands 113331	322.994	<input type="checkbox"/>	<input type="checkbox"/>
2	University Lands 113333	645.988	<input type="checkbox"/>	<input type="checkbox"/>
3	University Lands 113334	484.491	<input type="checkbox"/>	<input type="checkbox"/>
4	University Lands 113335	565.399	<input type="checkbox"/>	<input type="checkbox"/>
5	University Lands 113337	323.079	<input type="checkbox"/>	<input type="checkbox"/>
6	University Lands 113338	322.985	<input type="checkbox"/>	<input type="checkbox"/>
7	University Lands 113339	565.270	<input type="checkbox"/>	<input type="checkbox"/>
8	University Lands 113340	323.031	<input type="checkbox"/>	<input type="checkbox"/>
9	University Lands 78414	161.497	<input type="checkbox"/>	<input type="checkbox"/>
10	University Lands 111020	323.071	<input type="checkbox"/>	<input type="checkbox"/>

CERTIFICATION:

I declare under penalties prescribed pursuant to the Sec. 91.143, Texas Natural Resources Code, that I am authorized to make the foregoing statements and that the information provided by me or under my direction on this Certificate of Pooling Authority is true, correct, and complete to the best of my knowledge.

		Bill G. Spencer	
Signature		Print Name	
Consultant	bill@spencerconsulting.org	10/01/2014	512-918-1062
Title	E-mail (if available)	Date	Phone

INSTRUCTIONS – Reference: Statewide Rules 31, 38 and 40

- When two or more tracts are pooled to form a unit to obtain a drilling permit, file completion paperwork, or reform a pooled unit pursuant to Rule 38(d)(3) the operator must file an original Certificate of Pooling Authority and certified plat.
- The certified plat shall designate each tract with an outline and a tract identifier. The tract identifier on the plat shall correspond to the tract identifier and associated information listed on the Certificate.
- If within an individual tract, a non-pooled and/or unleased interest exists, indicate by checking the appropriate box.
- If the Purpose of Filing is to obtain a drilling permit, in box #1 list all applicable fields separately or enter "All Fields" if the Certificate pertains to all fields requested on Form W-1.
- If the Purpose of Filing is to file completion paperwork, enter the applicable field name in box #1 for the completion.
- Identify the drill site tract with an * to the left of the tract identifier.
- The total number of acres in the pooled unit in #11 should equal the total of all acres in the individual tracts listed.

CERTIFICATE OF POOLING AUTHORITY

Revised 05/2001

P-12

1. Field Name(s) Lin (Wolfcamp)	2. Lease/ID Number (if assigned) 0	3. RRR District Number 7C
4. Operator Name American Energy - Permian Basin LLC	5. Operator P-5 Number 017996	6. Well Number 0806H
7. Pooled Unit Name University 09	8. API Number 0	9. Purpose of Filing <input checked="" type="checkbox"/> Drilling Permit (W-1) <input type="checkbox"/> Completion Report
10. County Reagan	11. Total acres in pooled unit 4522.285	

DESCRIPTION OF INDIVIDUAL TRACTS CONTAINED WITHIN THE POOLED UNIT

TRACT/PLAT IDENTIFIER	TRACT NAME	ACRES IN TRACT (See inst. #7 below)	INDICATE UNDIVIDED INTERESTS	
			UNLEASED	NON-POOLED
11	University Lands 111021	322.998	<input type="checkbox"/>	<input type="checkbox"/>
12	University Lands 107981	80.774	<input type="checkbox"/>	<input type="checkbox"/>
13	University Lands 108484	80.708	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

CERTIFICATION:

I declare under penalties prescribed pursuant to the Sec. 91.143, Texas Natural Resources Code, that I am authorized to make the foregoing statements and that the information provided by me or under my direction on this Certificate of Pooling Authority is true, correct, and complete to the best of my knowledge.

		Bill G. Spencer	
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Consultant	bill@spencerconsulting.org	10/01/2014	512-918-1062
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CERTIFICATE OF COMPLIANCE
AND TRANSPORTATION AUTHORITY

P-4

This facsimile P-4 was generated electronically from data submitted to the RRC.
A certification of the automated data is available in the RRC's Austin office.

Tracking No.: 127385

1. Field name exactly as shown on proration schedule LIN (WOLFCAMP)		2. Lease name as shown on proration schedule UNIVERSITY 09					
3. Current operator name exactly as shown on P-5 Organization Report AMERICAN ENERGY-PERM BASIN, LLC		4. Operator P-5 no. 017996	5. Oil Lse/Gas ID no	6. County REAGAN	7. RRC district 7C		
8. Operator address including city, state, and zip code PO BOX 13710 OKLAHOMA CITY, OK 73113		9. Well no(s) (see instruction E) 0806H					
		10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)			11. Effective Date 01/08/2015		
12. Purpose of Filing. (Complete section a or b below.) (See instructions B and G) a. Change of: <input type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> gas gatherer <input type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code <input type="checkbox"/> field name from _____ <input type="checkbox"/> lease name from _____ -- OR -- b. New RRC Number for: <input checked="" type="checkbox"/> oil lease <input type="checkbox"/> gas well Due to: <input checked="" type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> other well (specify) _____ <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only)							
13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). (See instruction G).							
Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left (Attach an additional sheet in same format if more space is needed)			Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
X	X	DCP MIDSTREAM, LP(195918)			0001	100.0	
14. Authorized OIL or CONDENSATE Gatherer(s). (See instruction G).							
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First (Attach an additional sheet in same format if more space is needed)						Percent of Take	
PLAINS MARKETING, L.P.(667883)						100.0	
RRC USE ONLY: Reviewer's initials: _____ Approval date: _____							
15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.							
Name of Previous Operator Name (print) Title				Signature <input type="checkbox"/> Authorized Employee of previous operator <input type="checkbox"/> Authorized agent of previous operator (see instruction G) Date Phone with area code			
16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.							
Name (print) Sr. Regulatory Analyst Title dianne.newman@aep-lp.com E-mail Address (optional)				Dianne Newman Signature <input checked="" type="checkbox"/> Authorized Employee of current operator <input type="checkbox"/> Authorized agent of current operator (see instruction G) 02/05/2015 (405) 607-5496 Date Phone with area code			