

# RAILROAD COMMISSION OF TEXAS

Tracking No.: 31854

Status: Approved

Oil and Gas Division

This facsimile W-2 was generated electronically  
from data submitted to the RRC.

API No. **42- 383-37137**

7. RRC District No.  
**7C**

8. RRC Lease No.  
**17575**

## Oil Well Potential Test, Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat) <b>LIN (WOLFCAMP)</b>		2. LEASE NAME <b>UNIVERSITY CENTRAL</b>		9. Well No. <b>1118AH</b>
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) <b>EL PASO E &amp; P COMPANY, L. P.</b>		RRC Operator No. <b>250195</b>		10. County of well site <b>REAGAN</b>
4. ADDRESS <b>ATTN BETH ATWOOD PO BOX 2511 HOUSTON, TX 77002-0000</b>				11. Purpose of filing Initial Potential <input checked="" type="checkbox"/> Retest <input type="checkbox"/> Reclass <input type="checkbox"/> Well record only (Explain In remarks) <input type="checkbox"/>
5. If Operator has changed within last 60 days, name former operator				
6a. Location (Section, Block, and Survey) <b>18 , 11 , UNIVERSITY LAND</b>		6b. Distance and direction to nearest town in this county. <b>0.9 MILES SW DIRECTION FROM BIG LAKE</b>		
12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no. <b>FIELD &amp; RESERVOIR</b>		GAS ID or OIL LEASE #	Oil-0 Gas-G	Well #
<b>N/A</b>				
13. Type of electric or other log run <b>None</b>		14. Completion or recompletion date <b>08/03/2011</b>		

### SECTION I- POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified infield rules.

15. Date of test <b>10/26/2011</b>	16. No. of hours tested <b>24</b>	17. Production method (Flowing, Gas Lift, Jetting, Pumping- Size & Type of pump) <b>Pumping</b>			18. Choke size
19. Production during Test Period	Oil - BBLS <b>50.0</b>	Gas - MCF <b>300</b>	Water - BBLS <b>250</b>	Gas - Oil Ratio <b>6000</b>	Flowing Tubing Pressure <b>PSI</b>
20. Calculated 24-Hour Rate	Oil - BBLS <b>50.0</b>	Gas - MCF <b>300</b>	Water - BBLS <b>250</b>	Oil Gravity-API-60° <b>37.1</b>	Casing Pressure <b>175.0 PSI</b>
21. Was swab used during this test? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells) <b>1063.0</b>			23. Injection Gas-Oil Ratio
<b>REMARKS: N/A</b>					

**INSTRUCTIONS:** File an original and one copy of the completed FormW-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

	<b>WELL TESTERS CERTIFICATION</b> I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.
Signature: Well Tester _____	Name of Company _____
RRC Representative _____	

	<b>OPERATOR'S CERTIFICATION</b> 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, and that data and facts stated therein are true, correct and complete, to the best of my knowledge.
<b>EL PASO E &amp; P COMPANY, L. P.</b>	
Type or printed name of operator's representative	
<b>(713) 420-5138</b>	<b>08/30/2012</b>
Telephone: Area Code      Number      Month      Day      Year	<b>Regulatory Analyst</b>
Title of Person	
<b>Linda Renken</b>	
Signature	

SECTION III

DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

24. Type of Completion

New Well☒

Deepening☐

Plug Back☐

Other☐

26. Notice of Intention to Drill this well was filed in Name of

EL PASO E & P COMPANY, L. P.

27. Number of producing wells on this lease in this field (reservoir) including this well

5

28. Total number of acres in this lease

38634.6

29. Date Plug Back, Deepening, Workover or Drilling Operations:

Commenced

Completed

30. Distance to nearest well, Same Lease & Reservoir

05/02/2011

08/03/2011

0.0

31. Location of well, relative to nearest lease boundaries

200.0

Feet From

North

Line and

1800.0

Feet from

East

Line of the

UNIVERSITY 11-18

Lease

32. Elevation (DF, RKB, RT, GR ETC.)

2703

GL

33. Was directional survey made other than inclination (Form W-12)?

☒

Yes

☐

No

34. Top of Pay

35. Total Depth

36. P. B. Depth

37. Surface Casing Determined by

Field Rules☐

Recommendation of T.D.W.R.

☒

Dt. of Letter

01/14/2011

6859 MD:6856

7282 MD:15084

MD:14939

Railroad Commission (Special)

☐

Dt. of Letter

38. Is well multiple completion?

☐

Yes

☒

No

39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No.

GAS ID or OIL LEASE #

Oil-O Gas-G

Well #

FIELD & RESERVOIR

40. Intervals Drilled by:

Rotary Tools☒

Cable Tools☐

41. Name of Drilling Contractor

PRECISION DRILLING, RIG 93

42. Is Cementing Affidavit Attached?

☒

Yes

☐

No

43. CASING RECORD (Report All Strings Set in Well)

CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
13 3/8	54.5	863		CLASS B & D 720	17 1/2	SURFACE	1147.0
9 5/8	40.0	4988		CLASS A 910	12 1/4	800' (EST.)	2010.0
5 1/2	17.0	15024		CLASS H 1370	8 3/4	2900' (EST.)	3463.0

44. LINER RECORD

Size	Top	Bottom	Sacks Cement	Screen
N/A				

45. TUBING RECORD

Size	Depth Set	Packer Set	From	To
2 7/8	6608	6608	L1 8064	14850

46. Producing Interval (this completion) Indicate depth of perforation or open hole

From	To

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE. ETC.

Depth Interval	Amount and Kind of Material Used	
8064.0	8272.0	6 SPF; 25000 #'S 100 MESH; 307480 #'S 20/40
8350.0	8558.0	6 SPF; 27692 #'S 100 MESH; 310113 #'S 20/40
8638.0	8844.0	6 SPF; 28151 #'S 100 MESH; 294120 #'S 20/40
8922.0	9130.0	6 SPF; 25000 #'S 100 MESH; 302120 #'S 20/40
9208.0	9416.0	6 SPF; 24356 #'S 100 MESH; 397023 #'S 20/40
9494.0	9702.0	6 SPF; 26000 #'S 100 MESH; 302280 #'S 20/40
9780.0	9985.0	6 SPF; 25000 #'S 100 MESH; 303560 #'S 20/40
10066.0	10272.0	6 SPF; 29089 #'S 100 MESH; 265120 #'S 20/40
10352.0	10560.0	6 SPF; 24469 #'S 100 MESH; 190607 #'S 20/40
10637.0	10845.0	6 SPF; 27694 #'S 100 MESH; 305742 #'S 20/40
10920.0	11125.0	6 SPF; 26000 #'S 100 MESH; 301360 #'S 20/40
11218.0	11426.0	6 SPF; 25402 #'S 100 MESH; 534923 #'S 20/40
11502.0	11707.0	6 SPF; 26547 #'S 100 MESH; 296840 #'S 20/40
11782.0	11990.0	6 SPF; 25426 #'S 100 MESH; 296300 #'S 20/40

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE. ETC.		
Depth Interval		Amount and Kind of Material Used
12068.0	12276.0	6 SPF; 26170 #'S 100 MESH; 310321 #'S 20/40
12354.0	12562.0	6 SPF; 28100 #'S 100 MESH; 302070 #'S 20/40
12640.0	12848.0	6 SPF; 24814 #'S 100 MESH; 304560 #'S 20/40
12926.0	13134.0	6 SPF; 25426 #'S 100 MESH; 279310 #'S 20/40
13212.0	13420.0	6 SPF; 26952 #'S 100 MESH; 292760 #'S 20/40
13498.0	13706.0	6 SPF; 25151 #'S 100 MESH; 303062 #'S 20/40
13781.0	13989.0	6 SPF; 23456 #'S 100 MESH; 298570 #'S 20/40
14070.0	14275.0	6 SPF; 23456 #'S 100 MESH; 298570 #'S 20/40
14356.0	14564.0	6 SPF; 25000 #'S 100 MESH; 295022 #'S 20/40
14642.0	14850.0	6 SPF; 34000 #'S 100 MESH; 290374 #'S 20/40

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)			
Formations	Depth	Formations	Depth
CLFK	4452.0 MD: 4446.0	WFMP	6859.0 MD: 6856.0
SPBR	5331.0 MD: 5324.0	WF MPL	7255.0 MD: 7397.0
PSBRL	5876.0 MD: 5869.0		
REMARKS: [RRC Staff 2012-08-24 16:55:27.078]: EDL=6868 feet, max acres=280, LIN (WOLFCAMP) oil well;			
[RRC Staff 2012-09-20 15:51:11.873]: As-drilled plat is not required because this well was completed			
prior to as-drilled plats being required in this field.;			

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) <b>El Paso E&amp;P Company, L.P.</b>	2. RRC Operator No. <b>250195</b>	3. RRC District No. <b>7C</b>	4. County of Well Site <b>Reagan</b>
5. Field Name (Wildcat, or Exactly as Shown on RRC Records) <b>(LIN) Wolfcamp</b>		6. API No. <b>42-383-37137</b>	7. Drilling Permit No. <b>708390</b>
8. Lease Name <b>University 11-18</b>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. <b>1H</b>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		52/2011					
13. *Drilled hole size		17-1/2					
*Est. % wash or hole enlargement		~					
14. Size of casing (in. O.D.)		13-7/8"					
15. Top of liner (ft)		—					
16. Setting depth (ft)		863					
17. Number of centralizers used		5					
18. Hrs. waiting on cement before drill-out		24					
1st Slurry	19. API cement used: No. of sacks ▶	380					
	Class ▶	econocem					
	Additives ▶	see remarks					
2nd Slurry	No. of sacks ▶	340					
	Class ▶	halcem					
	Additives ▶	see remarks					
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu.ft.) ▶	688					
	Height (ft.) ▶	994					
2nd	Volume (cu.ft.) ▶	459					
	Height (ft.) ▶						
3rd	Volume (cu.ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu.ft.) ▶	1147					
	Height (ft.) ▶	994					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?		YES					
22. Remarks 2nd slurry 2% C.C.						Sales Order 8132157 Customer Name EL PASO PRODUCTION COMPANY-EL Lease University 11-18 Well Number 1H Reagan County	

OVER ►

13-3/8"

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.

Craig Jones Service Supervisor  
Name and Title of Cementor's Representative

Halliburton Energy Services  
Cementing Company

*Craig Jones*  
Signature

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

800-844-8451  
Tel: Area Code Number

5/2/2011  
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

1001 Louisiana, Houston, TX 77002  
Address City, State, Zip Code

713-420-5738  
Tel: Area Code Number

11-22-2011  
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) <i>El Paso E &amp; P Company, L.P.</i>	2. RRC Operator No. <i>250195</i>	3. RRC District No. <i>7C</i>	4. County of Well Site <i>Reagan</i>
5. Field Name (Wildcat or Exactly as Shown on RRC Records) <i>(LIN) Wolfcamp</i>	6. API No. <i>42-383-37137</i>	7. Drilling Permit No. <i>708390</i>	
8. Lease Name <i>University 11-18</i>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. <i>1H</i>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date			5/11/2011				
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)			4988'				
17. Number of centralizers used			14				
18. Hrs. waiting on cement before drill-out			24				
1st Slurry	19. API cement used: No. of sacks ▶		720				
	Class ▶		econocem				
	Additives ▶		remarks				
2nd Slurry	No. of sacks ▶		190				
	Class ▶		halcem				
	Additives ▶		remarks				
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu.ft.) ▶		1756.8				
	Height (ft.) ▶		5609				
2nd	Volume (cu.ft.) ▶		252.7				
	Height (ft.) ▶		806.8				
3rd	Volume (cu.ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu.ft.) ▶		2009.5				
	Height (ft.) ▶		6415.8				
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?			no				
22. Remarks Lead Slurry Adds. , 0.1 % Econolite 0.4 % HR-601 Tail Slurry Adds. , 0.2 % CFR-3 , 0.4 % Halad @-9  <i>TOC @ 800'(est.)</i>		Sales Order 8150849 Customer Name EL PASO PRODUCTION COMPANY- Lease University 11-18 Well Number 1H Reagan County					

OVER ►


9-5/8"

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.

Ivho R. Ramos  
Name and Title of Cemente's Representative

Halliburton Energy Services  
Cementing Company

  
Signature

6155 W. Murphy  
Address

Odessa TX. 79763  
City State, Zip Code

432-571-8600  
Tel: Area Code Number

5/11/2011  
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

  
Signature

1001 Louisiana, Houston, TX 77002  
Address City, State, Zip Code

713-420-5138  
Tel: Area Code Number

11-22-2011  
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.



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

Form W-16  
Cementing Report  
Rev. 4/1/83  
HAL 1199

RAILROAD COMMISSION OF TEXAS  
Oil and Gas Division

1. Operator's Name (As Shown on Form P-5, Organization Report) <b>EL PASO E&amp;P Company, L.P.</b>	2. RRC Operator No. <b>250195</b>	3. RRC District No. <b>7C</b>	4. County of Well Site <b>Reagan</b>
5. Field Name (Wildcat or Exactly as Shown on RRC Records) <b>(LIN) Wolfcamp</b>	6. API No. <b>42-383-37137</b>	7. Drilling Permit No. <b>708390</b>	
8. Lease Name <b>University 11-18</b>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. <b>1H</b>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date				5/30/2011			
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)				15,024			
17. Number of centralizers used				20			
18. Hrs. waiting on cement before drill-out							
1st Slurry	19. API cement used: No. of sacks ▶			195			
	Class ▶			HLH			
	Additives ▶			see remarks			
2nd Slurry	No. of sacks ▶			1175			
	Class ▶			H			
	Additives ▶			see remarks			
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu.ft.) ▶			396			
	Height (ft.) ▶			1645			
2nd	Volume (cu.ft.) ▶			3067			
	Height (ft.) ▶			12142			
3rd	Volume (cu.ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu.ft.) ▶			3463			
	Height (ft.) ▶			13787			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?				no			
22. Remarks 1st Slurry- 2% Bentonite, 0.3% HR-800, 0.2% Econolite, 0.15% HR-25 2nd Slurry- 0.25 lbm D-Air 3000, 0.6% HR-601  <b>TOC @ 2900' (est.)</b>		Sales Order 8173378 Customer Name EL PASO PRODUCTION COMPANY- Lease University 11-18 Well Number 1H Reagan County					

OVER ►



5-1/2"

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. (lb/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.

Steven Beckworth Service Supervisor  
Name and Title of Cementer's Representative

Halliburton Energy Services  
Cementing Company

Signature

6155 W. Murphy Odessa Tx 79765  
Address City State Zip Code

18008448451  
Tel: Area Code Number

5/30/2011  
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

1001 Louisiana Houston, TX 77002  
Address City State Zip Code

713-420-5138  
Tel: Area Code Number

11-22-2011  
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.

**RAILROAD COMMISSION OF TEXAS**  
**Oil and Gas Division**

**ELECTRIC LOG  
STATUS REPORT**

**FORM L-1**

Tracking No.: 31854

*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: EL PASO E & P COMPANY, L. P.	District No. 7C	Completion Date: 08/03/2011
Field Name LIN (WOLFCAMP)	Drilling Permit No. 708390	
Lease Name UNIVERSITY CENTRAL	Lease/ID No. 17575	Well No. 1118AH
County REAGAN	API No. 42- 383-37137	

**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). \_\_\_\_\_

Linda Renken

Signature

EL PASO E & P COMPANY, L. P.

Name (print)

Regulatory Analyst

Title

(713) 420-5138

Phone

11/21/2011

Date

-FOR RAILROAD COMMISSION USE ONLY-

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.: 31854

1. Field name exactly as shown on proration schedule <b>LIN (WOLFCAMP)</b>		2. Lease name as shown on proration schedule <b>UNIVERSITY CENTRAL</b>							
3. Current operator name exactly as shown on P-5 Organization Report <b>EL PASO E &amp; P COMPANY, L. P.</b>		4. Operator P-5 no. <b>250195</b>	5. Oil Lse/Gas ID no <b>17575</b>	6. County <b>REAGAN</b>	7. RRC district <b>7C</b>				
8. Operator address including city, state, and zip code <b>ATTN BETH ATWOOD PO BOX 2511 HOUSTON, TX 77002</b>		9. Well no(s) (see instruction E) <b>1118AH</b>							
12. Purpose of Filing. (Complete section a or b below.) (See instructions B and G) <b>a. Change of:</b> <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 _____ <b>OR</b> <b>b. New RRC Number for:</b> <input checked="" type="checkbox"/> oil lease <input type="checkbox"/> gas well <input type="checkbox"/> other well (specify) _____ <b>Due to:</b> <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"/> consolidation, unitization, or subdivision (oil lease only)		10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)		11. Effective Date <b>08/03/2011</b>					
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	WEST TEXAS GAS, INC.(910285)			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			
<b>RRC USE ONLY:</b> Reviewer's initials: <u>RRC Staff</u> Approval date: <u>09/20/2012</u>									
<b>15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING.</b> 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.  <table style="width:100%;"><tr><td style="width:50%; vertical-align: top;">Name of Previous Operator  Name (print)  Title</td><td style="width:50%; vertical-align: top;">Signature <input type="checkbox"/> <b>Authorized Employee of previous operator</b> <input type="checkbox"/> <b>Authorized agent of previous operator (see instruction G)</b>  Date  Phone with area code</td></tr></table>								Name of Previous Operator  Name (print)  Title	Signature <input type="checkbox"/> <b>Authorized Employee of previous operator</b> <input type="checkbox"/> <b>Authorized agent of previous operator (see instruction G)</b>  Date  Phone with area code
Name of Previous Operator  Name (print)  Title	Signature <input type="checkbox"/> <b>Authorized Employee of previous operator</b> <input type="checkbox"/> <b>Authorized agent of previous operator (see instruction G)</b>  Date  Phone with area code								
<b>16. CURRENT OPERATOR CERTIFICATION.</b> 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.  <table style="width:100%;"><tr><td style="width:50%; vertical-align: top;">EL PASO E &amp; P COMPANY, L. P.  Name (print) <u>Regulatory Analyst</u>  Title <u>Linda.Renken@elpaso.com</u>  E-mail Address (optional)</td><td style="width:50%; vertical-align: top;">Linda Renken  Signature <input type="checkbox"/> <b>Authorized Employee of current operator</b> <input type="checkbox"/> <b>Authorized agent of current operator (see instruction G)</b>  Date <u>11/22/2011</u>  Phone with area code <u>(713) 420-5138</u></td></tr></table>								EL PASO E & P COMPANY, L. P.  Name (print) <u>Regulatory Analyst</u>  Title <u>Linda.Renken@elpaso.com</u>  E-mail Address (optional)	Linda Renken  Signature <input type="checkbox"/> <b>Authorized Employee of current operator</b> <input type="checkbox"/> <b>Authorized agent of current operator (see instruction G)</b>  Date <u>11/22/2011</u>  Phone with area code <u>(713) 420-5138</u>
EL PASO E & P COMPANY, L. P.  Name (print) <u>Regulatory Analyst</u>  Title <u>Linda.Renken@elpaso.com</u>  E-mail Address (optional)	Linda Renken  Signature <input type="checkbox"/> <b>Authorized Employee of current operator</b> <input type="checkbox"/> <b>Authorized agent of current operator (see instruction G)</b>  Date <u>11/22/2011</u>  Phone with area code <u>(713) 420-5138</u>								

STATEMENT OF PRODUCTIVITY OF ACREAGE  
ASSIGNED TO PRORATION UNITS

Form P-15

Tracking No.: 31854

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 EL PASO E & P COMPANY, L. P. ,

OPERATOR

UNIVERSITY CENTRAL

LEASE

No. 1118AH

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 \_\_\_\_\_

280.0 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, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge,*

Date 09/20/2012 Signature Linda Renken

Telephone (713) 420-5138 Title Regulatory Analyst  
AREA CODE



Texas Commission  
on Environmental Quality  
Surface Casing Program

# DEPTH OF USABLE-QUALITY GROUND WATER TO BE PROTECTED

Date **January 14, 2011**

TCEQ File No.: SC- **10089**

\*\*\*\*\* EXPEDITED APPLICATION \*\*\*\*\*

API Number **38300000**

Attention: **MONA C WARE**

RRC Lease No. **000000**

SC\_250195\_38300000\_000000\_10089.pdf

EL PASO E&P CO LP  
1001 LOUISIANA  
RM 2730  
HOUSTON TX 77002

P-5# 250195

--Measured--

1800 ft FEL

200 ft FNL

MRL: SURVEY

Digital Map Location:

X-coord/Long **1643762**

Y-coord/Lat **553744**

Datum **27**

Zone **C**

County **REAGAN**

Lease & Well No. **UNIVERSITY 11-18 #1H**

Purpose **ND**

Location **SUR-UL, BLK-11, SEC-18, -- [TD=12990] , [RRC 7C] ,**

To protect usable-quality ground water at this location, the Texas Commission on Environmental Quality recommends:

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

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Approval of the well completion methods for protection of this groundwater falls under the jurisdiction of the Railroad Commission of Texas. **This recommendation is intended for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).**

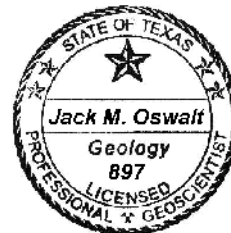
If you have any questions, please contact us at 512-239-0515, [sc@tceq.state.tx.us](mailto:sc@tceq.state.tx.us), or by mail MC-151.

Sincerely,

[Signature]

**Jack M. Oswalt, P.G.**

GEOLOGIST SEAL



Geologist, Surface Casing Team  
Waste Permits Division

The seal appearing on this document was authorized by Jack M. Oswalt on 1/14/2011  
Note: Alteration of this electronic document will invalidate the digital signature.