

RAILROAD COMMISSION OF TEXAS

Tracking No.: 69597

Status: Submitted

Oil and Gas Division

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

API No. **42- 383-37902**

7. RRC District No.
7C

8. RRC Lease No.

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

1. FIELD NAME (as per RRC Records or Wildcat) LIN (WOLFCAMP)		2. LEASE NAME UNIVERSITY 12		9. Well No. 1001H	
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) ENDURING RESOURCES, LLC		RRC Operator No. 252014		10. County of well site REAGAN	
4. ADDRESS 511 16TH STREET SUITE 700 DENVER, CO 80202-4248				11. Purpose of filing Initial Potential <input type="checkbox"/> Retest <input type="checkbox"/> Reclass <input type="checkbox"/> Well record only (Explain In remarks) <input checked="" type="checkbox"/>	
5. If Operator has changed within last 60 days, name former operator					
6a. Location (Section, Block, and Survey) 10 , 12 , UNIVERSITY LANDS		6b. Distance and direction to nearest town in this county. 6.81 MILES SOUTHWEST OF BIG LAKE, TX			
12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no. FIELD & RESERVOIR			GAS ID or OIL LEASE #	Oil-O Gas-G	Well #
N/A					
13. Type of electric or other log run None			14. Completion or recompletion date 03/22/2013		

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

15. Date of test	16. No. of hours tested	17. Production method (Flowing, Gas Lift, Jetting, Pumping- Size & Type of pump)			18. Choke size
19. Production during Test Period	Oil - BBLS	Gas - MCF	Water - BBLS	Gas - Oil Ratio 0	Flowing Tubing Pressure PSI
20. Calculated 24-Hour Rate	Oil - BBLS	Gas - MCF	Water - BBLS	Oil Gravity-API-60°	Casing Pressure PSI
21. Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells)		23. Injection Gas-Oil Ratio	
REMARKS: N/A					

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.

	WELL TESTERS CERTIFICATION 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 _____	

	OPERATOR'S CERTIFICATION 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.
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> ENDURING RESOURCES, LLC Type or printed name of operator's representative (303) 350-5114 Telephone: Area Code Number Month Day Year </div> <div style="width: 45%;"> Regulatory Specialist Title of Person Alvin Arlian Signature </div> </div>	

SECTION III										DATA ON WELL COMPLETION AND LOG (Not Required on Retest)									
24. Type of Completion										25. Permit to Drill, Plug Back or Deepen									
New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>										DATE 06/26/2012 PERMIT NO. 742743									
26. Notice of Intention to Drill this well was filed in Name of										Rule 37 Exception									
ENDURING RESOURCES, LLC										PERMIT NO.									
27. Number of producing wells on this lease in this field (reservoir) including this well										Water Injection Permit									
2										PERMIT NO.									
28. Total number of acres in this lease										Salt Water Disposal Permit									
1199.67										PERMIT NO.									
29. Date Plug Back, Deepening, Workover or Drilling Operations:										Other									
Commenced 11/26/2012 Completed 12/25/2012										PERMIT NO.									
30. Distance to nearest well, Same Lease & Reservoir										PERMIT NO.									
621.6																			
31. Location of well, relative to nearest lease boundaries										Feet From East									
990.0										Line and 2189.0									
South										Feet from Lease									
32. Elevation (DF, RKB, RT, GR ETC.)										33. Was directional survey made other than inclination (Form W-12)?									
2724 GR										<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
34. Top of Pay										35. Total Depth									
6790 MD:6795										7320 MD:15330									
36. P. B. Depth										37. Surface Casing Determined by									
7320 MD:15330										Field Rules <input type="checkbox"/>									
										Recommendation of T.D.W.R. <input checked="" type="checkbox"/>									
										Railroad Commission (Special) <input type="checkbox"/>									
38. Is well multiple completion?										Dt. of Letter 06/21/2012									
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No										Dt. of Letter									
39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No.										GAS ID or OIL LEASE #									
FIELD & RESERVOIR										Oil-O Gas-G									
N/A										Well #									
40. Intervals Drilled by:										41. Name of Drilling Contractor									
Rotary Tools <input checked="" type="checkbox"/> Cable Tools										ENSIGN									
42. Is Cementing Affidavit Attached?										<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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		875				POZ A 775		17 1/2		0		1284.0					
9 5/8		40.0		3198				POZ C 829		12 1/4		0		1535.0					
5 1/2		17.0		15330				POZ H 3258		8 7/8		0		5066.0					
44. LINER RECORD																			
Size		Top		Bottom		Sacks Cement		Screen											
N/A																			
45. TUBING RECORD																			
Size		Depth Set		Packer Set		From L1 7689		To 15275											
N/A						From		To											
						From		To											
						From		To											
46. Producing Interval (this completion) Indicate depth of perforation or open hole																			
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																			
Depth Interval										Amount and Kind of Material Used									
7689.0										15275.0									
										10,547,290 LBS 100 MESH AND 40/70 OTTAWA SAND, AND 8,120,287 GALS FLUID									
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)																			
Formations					Depth					Formations					Depth				
SPRABERRY					5430.0 MD: 5430.0														
DEAN					6655.0 MD: 6660.0														
WOLFCAMP					6790.0 MD: 6795.0														
REMARKS: WELL IS FLOWING BACK. TUBING WILL BE RUN TO TEST WELL ONCE WELL HAS CLEANED UP. Off Lease																			
= true;																			

Cementor: 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) Enduring Resources, LLC		2. RRC Operator No. 252014	3. RRC District No. 07C	4. County of Well Site Reagan
5. Field Name (Wildcat or Exactly as Shown on RRC Records) LIN (WOLFCAMP)		6. API No. 42-383-37902		7. Drilling Permit No. 742743
8. Lease Name University 12		9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well Number 1001H

CASING CEMENTING DATA:		SURFACE CASING	INTERMEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				SINGLE STRING	MULTIPLE PARALLEL STRINGS	TOOL	SHOE
12. Cementing Date		12/2/2012					
13. *Drilled Hole Size		17 1/2					
*Ext. % Wash or Hole Enlargement		75					
14. Size of Casing (in. O.D.)		13 3/8					
15. Top of Liner (ft)							
16. Setting Depth (ft)		875					
17. Number of Centralizers Used		6					
18. Hrs. Waiting on Cement Before Drill-Out		24+					
1st slurry	19. API Cement Used: No. of Sacks >	450					
	Class >	premium plus65/35poz					
	Additives >	see in remarks					
2nd slurry	No. of Sacks >	325					
	Class >	premium plus					
	Additives >	2%CaCl					
3rd slurry	No. of Sacks >						
	Class >						
	Additives >						
1st	20. Slurry Pumped: Volume (cu.ft.) >	855					
	Height (ft) >	1231					
2nd	Volume (cu.ft.) >	429					
	Height (ft) >	618					
3rd	Volume (cu.ft.) >						
	Height (ft) >						
Total	Volume (cu.ft.) >	1284					
	Height (ft) >	1849					
21. Was Cement Circulated to Ground Surface (or Bottom of Casing) Outside Casing?		yes					
22. Remarks							
lead cement slurry additives:6% gel, 5% salt, 1/4# celloflake, 2# gilsonite							
circulated 283 sacks of cement to pit							

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.

dylan perrie 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

December 2, 2012
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.

Alvin R. (Al) Arlian

Regulatory Specialist

Typed or Printed Name of Operators Representative

Title

Signature

511-16th Street, Suite 700, Denver, Colorado 80202 303-350-5114
Address City State Zip Code Tel: Area Code Number

3-7-2013
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 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.

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

Form W-15
Cementing Report
Rev. 4/1/83
483-045

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report) Enduring Resources LLC		2. RRC Operator No. 252014	3. RRC District No. 07C	4. County of Well Site Reagan
5. Field Name (Wildcat or exactly as shown on RRC records) LIN (WOLFCAMP)			6. API No. 42-383-37902	7. Drilling Permit No. 742743
8. Lease Name University 12		9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. 1001H

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
2. Cementing Date			12/11/2012				
3. ●Drilling hole size			12-1/4				
●Est. % wash or hole enlargement			20				
4. Size of casing (in. O.D.)			9-5/8				
5. Top of liner (ft.)							
6. Setting depth (ft.)			3198				
7. Number of centralizers used			15				
8. Hrs. waiting on cement before drill-out			24+				
1st Slurry	19. API cement used: No. of sacks ▶		309				
	Class ▶		TXI				
	Additives ▶		Remarks				
2nd Slurry	No. of sacks ▶		520				
	Class ▶		C				
	Additives ▶						
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu. ft.) ▶		844				
	Height (ft.) ▶		2693				
2nd	Volume (cu. ft.) ▶		691.6				
	Height (ft.) ▶		2208.26197				
3rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶		1535				
	Height (ft.) ▶		4902				
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?			No				

it 8% D20+ 3% D154+ .2% D65+ .2% D46+ 5pps D42+ .125pps D130+ .4% D167
id .2% D13

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								

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.

Dennis Ivy, FSI

Schlumberger

Name and title of cementer's representative

Cementing Company

Signature

32 E. Industrial Loop

Midland, Texas 79701

(432) 683-1887

11-Dec-12

Address

City,

State, Zip Code

Tel.: Area Code Number

Date: mo. day yr.

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

Alvin R. (Al) Arlian

Regulatory Specialist

Typed or printed name of operator's representative

Title

Signature

511-16th Street, Suite 700, Denver, Colorado 80202

303-350-5114

3-7-2013

Address

City,

State, Zip Code

Tel.: Area Code Number

Date: mo. day yr.

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's State 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 Form 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 undeviated 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 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.**

Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (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 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

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

Form W-15
Cementing Report
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Oil and Gas Division

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8. Lease Name University 12	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. 1001H

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date				12/25/2012			
13. ●Drilling hole size				8-7/8			
●Est. % wash or hole enlargement				20			
14. Size of casing (in. O.D.)				5-1/2			
15. Top of liner (ft.)							
16. Setting depth (ft.)				15330			
17. Number of centralizers used				57			
18. Hrs. waiting on cement before drill-out							
1st Slurry	19. API cement used: No. of sacks ▶			684			
	Class ▶			TXI			
	Additives ▶			REMARKS			
2nd Slurry	No. of sacks ▶			2574			
	Class ▶			POZ:H			
	Additives ▶			REMARKS			
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu. ft.) ▶			1874			
	Height (ft.) ▶			10817.4			
2nd	Volume (cu. ft.) ▶			3192			
	Height (ft.) ▶			18422.4			
3rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶			5066			
	Height (ft.) ▶			29240			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?				Yes			
1st	TXI+8%D20+3%D154+0.4%D207+0.4%D65+5ppsD42+0.8%D13+0.2%D46+ 0.125ppsD130+0.2%D208						
2nd	50/50POZ:H+0.2%D46+0.35%D65+0.25%D207+0.1%D201+0.05%D208						
3rd	0						
4th	0						

FTL# BYHM-00110

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								

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Andrew Everett, FE

Dowell Schlumberger

Signature

Name and title of cementer's representative

Cementing Company

32 E. Industrial Loop

Midland, Texas 79701

(432) 683-1887

25-Dec-12

Address

City,

State, Zip Code

Tel.: Area Code Number

Date: mo. day yr.

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Alvin R. (Al) Arlian

Regulatory Specialist

Signature

Typed or printed name of operator's representative

Title

511-16th Street, Suite 700, Denver, Colorado 80202

303-350-5114

3-7-2013

Address

City,

State, Zip Code

Tel.: Area Code Number

Date: mo. day yr.

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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

Please Read Instructions**ELECTRIC LOG
STATUS REPORT****FORM L-1**

Rev. 01/02

INSTRUCTIONS

When to file the 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 of confidentiality has not yet expired

When the L-1 is 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, and geothermal wells
- with Form W-3 for plugging of other than a dry hole

Where to file the L-1

- with the appropriate Commission district office

Filling out the 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 a log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

SEE REVERSE SIDE

SECTION I. IDENTIFICATION

Operator Name ENDURING RESOURCES, LLC	District No. 7C	Completion Date 3-22-2013
Field Name LIN (WOLFCAMP)	Drilling Permit No. 742743	
Lease Name UNIVERSITY 12	Lease/ID No.	Well No. 1001H
County REAGAN	API No. 42- 383-37902	

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) _____

REGULATORY SPECIALIST

ALVIN R. (AL) ARLIAN

name (print)

signature

303 350-5114

phone

title

3-22-2013

date

For Railroad Commission use only

**CERTIFICATE OF COMPLIANCE
AND TRANSPORTATION AUTHORITY**

P-4

5/02—WWW-1

READ INSTRUCTIONS ON BACK

1. Field name exactly as shown on proration schedule Lin (Wolfcamp)		2. Lease name as shown on proration schedule University 12					
3. Current operator name exactly as shown on P-5 Organization Report Enduring Resources, LLC		4. Operator P-5 no. 252014	5. Oil Lse/Gas ID no.	6. County Reagan	7. RRC district 7C		
8. Operator address including city, state, and zip code 511 - 16th Street, Suite 700 Denver, Colorado 80202		9. Well no(s) (see instruction E) 1001H					
		10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)			11. Effective Date 3-22-13		
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 <input type="checkbox"/> other well (specify) _____ 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"/> 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				100	
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	RRC USE ONLY Reviewer's initials: _____ Approval date: _____	
Freepoint Commodities, LLC					75		
Enterprise Crude Oil, LLC					25		
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.							
Alvin R. (A) Arlian Name (print) Regulatory Specialist Title aarlian@enduringresources.com E-mail Address (optional)				Signature <input checked="" type="checkbox"/> Authorized Employee of current operator <input type="checkbox"/> Authorized agent of current operator (see instruction G) 3-22-13 Date (303) 350-5114 Phone with area code			

Clear Form

STATEMENT OF PRODUCTIVITY OF ACREAGE
ASSIGNED TO PRORATION UNITS

Form P-15
(5-5-71)

The undersigned states that he is authorized to make this statement; that he has knowledge of the facts concerning the Enduring Resources, LLC

University 12 LEASE, OPERATOR No. 1001H 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 _____

300.00 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 3-22-2013

Signature _____

Telephone (303) 350-5114

AREA CODE

Title Regulatory Specialist

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date **June 21, 2012**

GAU File No.: SC- **10950**

***** EXPEDITED APPLICATION *****

API Number **38337902**

Attention: **AL ARLIAN**

RRC Lease No. **742743**

SC_252014_38337902_742743_10950.pdf

**ENDURING RESOURCES LLC
511 16TH ST
STE 700
DENVER CO 80202**

F-5# 252014

--Measured--

999 ft FWL

2189 ft FSL

MRL: SECTION

Digital Map Location:

X-coord/Long **1629982**

Y-coord/Lat **524634**

Datum **27**

Zone **C**

County **REAGAN**

Lease & Well No. **UNIVERSITY 12 #1001H**

Purpose **ND**

Location **SUR-UL,BLK-12,SEC-10,-- [TD=7851], [RRC 7C],**

To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Texas Railroad Commission recommends:

The interval from the land surface to the base of the SANTA ROSA, which is estimated to occur at a depth of 850 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. **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).**

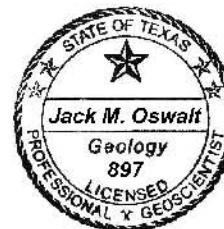
If you have any questions, please contact us at 512-463-2741, gau@rrc.state.tx.us, or by mail.

Sincerely,


Digitally signed by Jack Oswalt
DN: c=US, st=TEXAS, e=Austin, o=Railroad
Commission of Texas, cn=Jack Oswalt,
email=jackoswalt@rrc.state.tx.us
Date: 2012.06.21 13:40:47 -0500

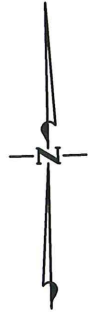
Jack M. Oswalt, P.G.

GEOLOGIST SEAL



Geologist, Groundwater Advisory Unit
Oil & Gas Division

The seal appearing on this document was authorized by Jack M. Oswalt on 6/21/2012
Note: Alteration of this electronic document will invalidate the digital signature.



THIS MAP WAS PREPARED FROM AN ACTUAL ON THE GROUND SURVEY PERFORMED UNDER MY SUPERVISION ON FEBRUARY 1, 2012

HEATHER L. SIDES
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF TEXAS NO. 5997

BEARINGS AND COORDINATES SHOWN ON THIS MAP ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NAD 27.

LATITUDES AND LONGITUDES SHOWN ON THIS MAP ARE BASED ON WGS 84.

THIS MAP WAS PREPARED FOR AREA COMPUTATIONS OF MINERAL OWNERSHIP AND DOES NOT REPRESENT A CURRENT OWNERSHIP BOUNDARY SURVEY.

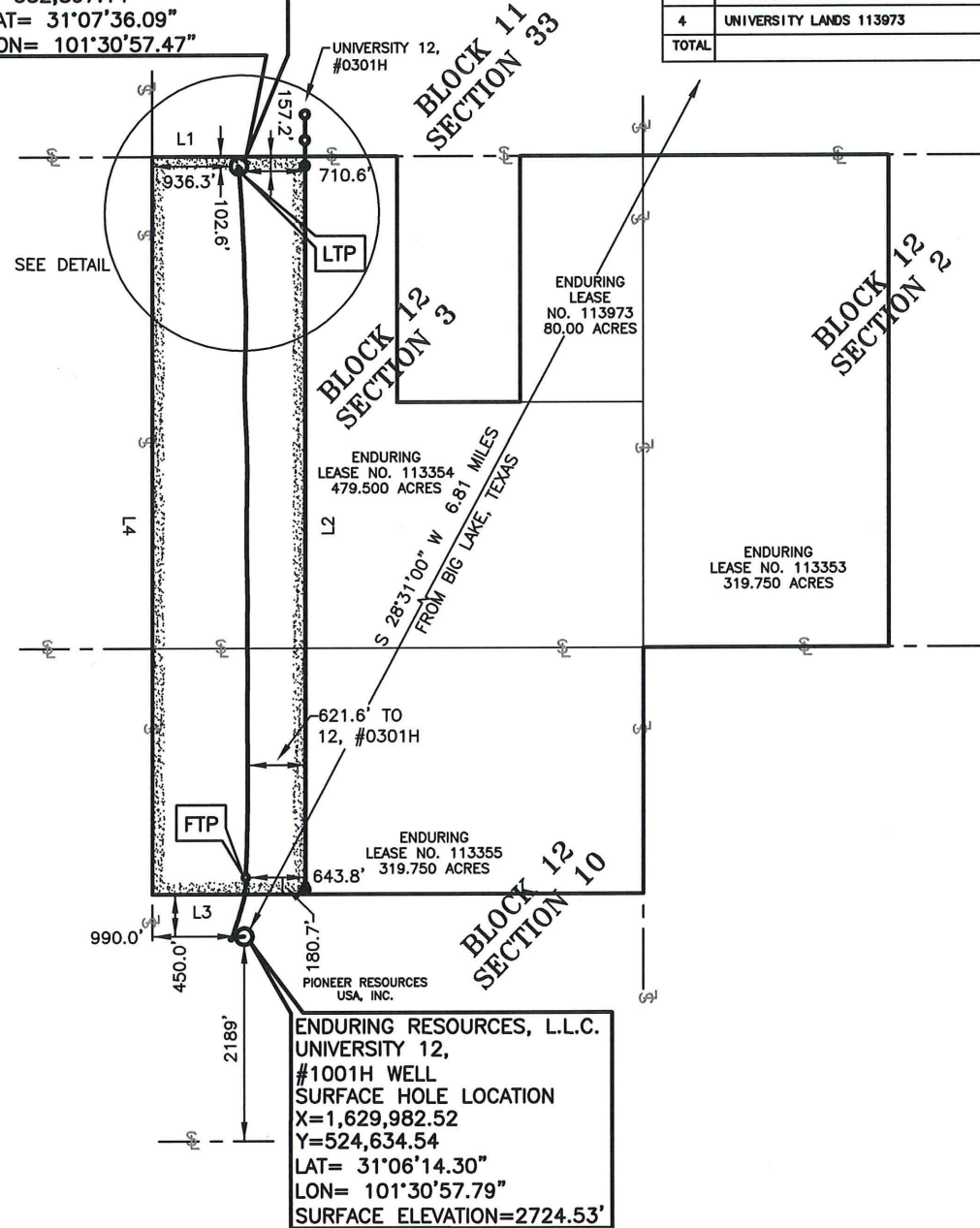
RECORDS RESEARCH WAS PROVIDED BY THE CLIENT OR CLIENT'S REPRESENTATIVES. THE SURVEYOR PERFORMED NO ADDITIONAL RESEARCH.

LESSOR NAMES ARE PROVIDED BY THE CLIENTS REPRESENTATIVE AND NOT BY THE SURVEYOR.

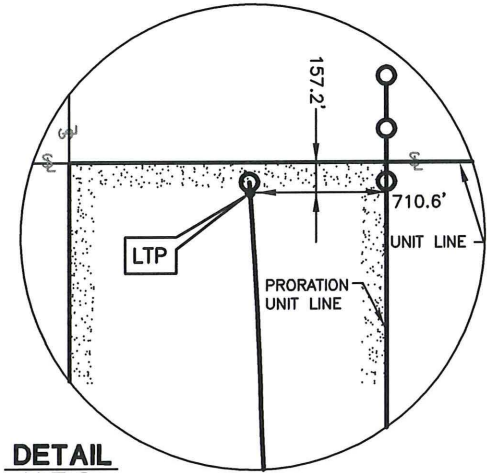
UNDERGROUND LOCATIONS OF DRILL WERE MEASURED FROM THE DRILLER'S "WELL PROFILE DATA" REPORT PROVIDED BY THE CLIENT.

§ = APPROXIMATE SURVEY ABSTRACT LINE

ENDURING RESOURCES, L.L.C.
UNIVERSITY 12,
#1001H WELL
BOTTOM HOLE LOCATION
X=1,630,098.01
Y=532,897.14
LAT= 31°07'36.09"
LON= 101°30'57.47"



TRACT	LEASE #	CALLED ACREAGE	MEASURED ACREAGE	MEASURED PCT.	PRORATION MEASURED ACREAGE	PRORATION MEASURED PCT.
1	UNIVERSITY LANDS 113354	479.500 ACRES	479.832 ACRES	39.997	200.011 ACRES	66.670
2	UNIVERSITY LANDS 113355	319.750 ACRES	319.904 ACRES	28.666	99.989 ACRES	33.330
3	UNIVERSITY LANDS 113353	319.750 ACRES	319.965 ACRES	26.671		
4	UNIVERSITY LANDS 113973	80.00 ACRES	79.972 ACRES	6.666		
TOTAL			1199.673 ACRES	100.000	300.000 ACRES	100.000



DETAIL
N.T.S.

LINE	BEARING	DISTANCE
L1	S 88°49'37\" E	1557.86'
L2	S 01°10'36\" W	7917.89'
L3	N 88°49'24\" W	1557.33'
L4	N 01°10'23\" E	7917.78'

FINAL
ENDURING RESOURCES, L.L.C.
UNIVERSITY 12, #1001H WELL
PRORATION UNIT
300.000 ACRES
REAGAN COUNTY, TEXAS
PERCHERON
SURVEYING, LLC
15411 Vantage Pkwy West
Suite 205
Houston, Texas 77032
(281) 447-6230
MARCH 7, 2013
JOB NO. 140.0023.001