



SECTION III DATA ON WELL COMPLETION AND LOG (Not Required on Retest)										
24. Type of Completion New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>					25. Permit to Drill, Plug Back or Deepen DATE 06/01/2012 PERMIT NO. 739327 Rule 37 Exception CASE NO.		Water Injection Permit PERMIT NO.			Salt Water Disposal Permit PERMIT NO.
26. Notice of Intention to Drill this well was filed in Name of <b>ENDURING RESOURCES, LLC</b>					29. Date Plug Back, Deepening, Workover or Drilling Operations: Commenced 02/12/2013 Completed 05/01/2013		30. Distance to nearest well, Same Lease & Reservoir 539.8			Other PERMIT NO.
27. Number of producing wells on this lease in this field (reservoir) including this well 12		28. Total number of acres in this lease 2779.956			31. Location of well, relative to nearest lease boundaries 2914.2 Feet From West Line and 7988.0 Feet from North Line of the UNIVERSITY 49 Lease					
32. Elevation (DF, RKB, RT, GR ETC.) 2714 GR				33. Was directional survey made other than inclination (Form W-12)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
34. Top of Pay 6652 MD:6785	35. Total Depth 7193 MD:17995	36. P. B. Depth 7193 MD:17995	37. Surface Casing Determined by Field Rules <input checked="" type="checkbox"/>	Recommendation of T.D.W.R. <input checked="" type="checkbox"/>	Railroad Commission (Special) <input type="checkbox"/>	Dt. of Letter 05/10/2012 Dt. of Letter				
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No										
39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR N/A					GAS ID or OIL LEASE #	Oil-0 Gas-G	Well #			
40. Intervals Drilled by: Rotary Tools <input checked="" type="checkbox"/> Cable Tools	41. Name of Drilling Contractor ENSIGN DRILLING				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	918		CLASS C 725	17 1/2	0	1189.0			
9 5/8	40.0	4850		TXI 1134	12 1/4	150	2193.0			
5 1/2	17.0	17995		50/50 POZ 3875	8 7/8	1150	5759.0			
44. LINER RECORD										
Size	Top	Bottom	Sacks Cement	Screen						
N/A										
45. TUBING RECORD										
Size	Depth Set	Packer Set	46. Producing Interval (this completion) Indicate depth of perforation or open hole From L1 7445			To 17939				
2 7/8	6519		From			To				
			From			To				
			From			To				
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.										
Depth Interval			Amount and Kind of Material Used							
7445.0		17939.0	11,823,252 LBS 100 MESH OTTAWA SAND, AND 13, 336,600 GALS. FLUID							
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)										
Formations	Depth	Formations	Depth							
SPRABERRY	5222.0 MD: 5222.0									
DEAN	6552.0 MD: 6574.0									
WOLFCAMP	6652.0 MD: 6785.0									
REMARKS: N/A										

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

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

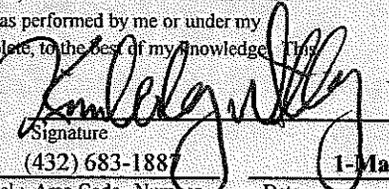
1. Operator's Name (As shown on Form P-5, Organization Report) <b>Enduring Resources</b>		2. RRC Operator No. 252014	3. RRC District No. 07C	4. County of Well Site <b>Reagan</b>
5. Field Name (Wildcat or exactly as shown on RRC records) <b>LIN (WOLFCAMP)</b>			6. API No. <b>41-383-37801</b>	7. Drilling Permit No. 739327
8. Lease Name <b>University 49</b>		9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. <b>0903-H</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				5/1/2013			
13. ●Drilling hole size				8-7/8			
●Est. % wash or hole enlargement				10			
14. Size of casing (in. O.D.)				5-1/2			
15. Top of liner (ft.)							
16. Setting depth (ft.)				<del>14,875</del>	17,995'		
17. Number of centralizers used				53			
18. Hrs. waiting on cement before drill-out							
1st Slurry	19. API cement used: No. of sacks			635			
	Class			TXI			
	Additives			Remarks			
2nd Slurry	No. of sacks			3241			
	Class			50/50 POZ/H			
	Additives			Remarks			
3rd Slurry	No. of sacks						
	Class						
	Additives						
1st	20. Slurry pumped: Volume (cu. ft.)			1740			
	Height (ft.)			6888			
2nd	Volume (cu. ft.)			4019			
	Height (ft.)			15910			
3rd	Volume (cu. ft.)						
	Height (ft.)						
Total	Volume (cu. ft.)			5759			
	Height (ft.)			22798			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?				No			

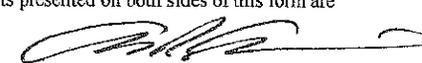
1st 3%D154+8%D20+.7%D13+.4%D207+.4%D65+.2%D46+5PPSD42+.125PPSD130+.2%D208  
2nd .2%D46+.1%D208+.25%D65+.25%D207

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.

<b>Kimberly Milling, FE</b>	<b>Dowell Schlumberger</b>	
Name and title of cementer's representative	Cementing Company	Signature
32 E. Industrial Loop	Midland, Texas 79701	(432) 683-1887
Address	City, State, Zip Code	Tel.: Area Code Number
		Date: <b>1-May-13</b>
		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.

<b>Alvin R. (Al) Arlian</b>	<b>Regulatory Specialist</b>	
Typed or printed name of operator's representative	Title	Signature
511-16th Street, Suite 700, Denver, Colorado 80202		303-350-5114
Address	City, State, Zip Code	Tel.: Area Code Number
		Date: <b>6-26-2013</b>
		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).

- 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 cements approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

Tracking No.: 91958

*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: ENDURING RESOURCES, LLC	District No. 7C	Completion Date: 06/19/2013
Field Name LIN (WOLFCAMP)	Drilling Permit No. 739327	
Lease Name UNIVERSITY 49	Lease/ID No. 17919	Well No. 0903H
County REAGAN	API No. 42- 383-37801	

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

Alvin Arlian  
 \_\_\_\_\_  
 Signature  
 ENDURING RESOURCES, LLC  
 \_\_\_\_\_  
 Name (print)

Regulatory Specialist  
 \_\_\_\_\_  
 Title  
 (303) 350-5114  
 \_\_\_\_\_  
 Phone  
 11/25/2013  
 \_\_\_\_\_  
 Date

-FOR RAILROAD COMMISSION USE ONLY-

STATEMENT OF PRODUCTIVITY OF ACREAGE  
ASSIGNED TO PRORATION UNITS

Form P-15

Tracking No.: 91958

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 ENDURING RESOURCES, LLC ,

UNIVERSITY 49 , No. 0903H ; that such well is  
LEASE OPERATOR WELL

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 \_\_\_\_\_

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

- CERTIFICATE -

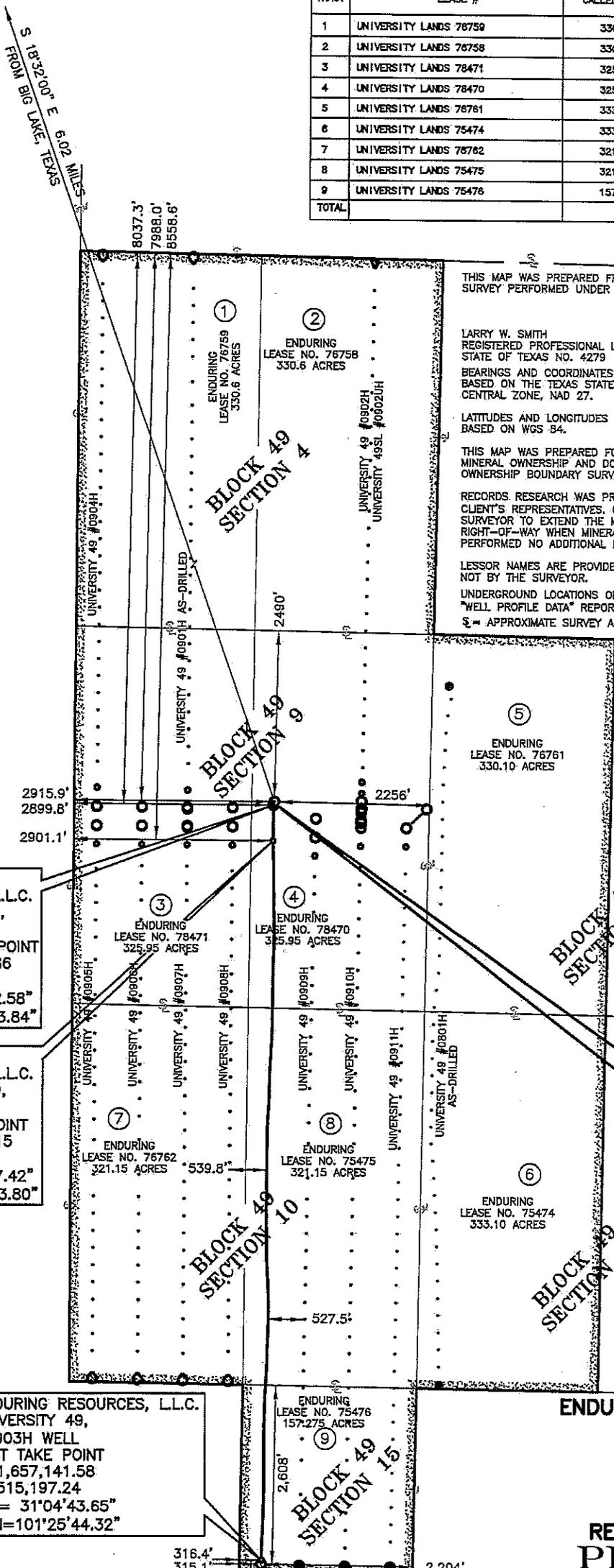
*I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge,*

Date 11/25/2013 Signature Alvin Arlian

Telephone (303) 350-5114 Title Regulatory Specialist  
AREA CODE



TRACT	LEASE #	CALLED ACREAGE	MEASURED ACREAGE	MEASURED PCT.
1	UNIVERSITY LANDS 78759	330.6 ACRES	330.772 ACRES	11.888
2	UNIVERSITY LANDS 78758	330.6 ACRES	330.901 ACRES	11.903
3	UNIVERSITY LANDS 78471	325.95 ACRES	326.114 ACRES	11.731
4	UNIVERSITY LANDS 78470	325.95 ACRES	326.315 ACRES	11.738
5	UNIVERSITY LANDS 78761	333.10 ACRES	332.823 ACRES	11.972
6	UNIVERSITY LANDS 75474	333.10 ACRES	332.857 ACRES	11.973
7	UNIVERSITY LANDS 78782	321.15 ACRES	321.380 ACRES	11.580
8	UNIVERSITY LANDS 75475	321.15 ACRES	321.408 ACRES	11.582
9	UNIVERSITY LANDS 75476	157.275 ACRES	157.406 ACRES	5.862
TOTAL			2779.956 ACRES	100.000



THIS MAP WAS PREPARED FROM AN ACTUAL ON THE GROUND SURVEY PERFORMED UNDER MY SUPERVISION ON JANUARY 24, 2013.

LARRY W. SMITH  
REGISTERED PROFESSIONAL LAND SURVEYOR  
STATE OF TEXAS NO. 4279

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.

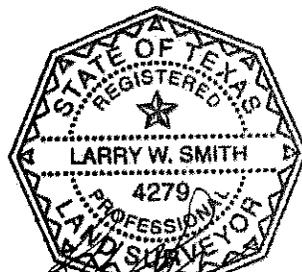
THIS MAP WAS PREPARED FOR AREA COMPUTATIONS OF MINERAL OWNERSHIP AND DOES NOT REPRESENT A CURRENT OWNERSHIP BOUNDARY SURVEY.

RECORDS RESEARCH WAS PROVIDED BY THE CLIENT OR CLIENT'S REPRESENTATIVES. CLIENTS REPRESENTATIVE DIRECT THE SURVEYOR TO EXTEND THE MINERAL DEEDS TO THE CENTERLINE OF THE RIGHT-OF-WAY WHEN MINERAL DEEDS ARE NOT PROVIDED. 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 49,  
#0903H WELL  
PENETRATION POINT  
X=1,657,291.86  
Y=526,201.44  
LAT= 31°06'32.58"  
LON=101°25'43.84"

ENDURING RESOURCES, L.L.C.  
UNIVERSITY 49,  
#0903H WELL  
FIRST TAKE POINT  
X=1,657,290.15  
Y=525,680.16  
LAT= 31°06'27.42"  
LON=101°25'43.80"

ENDURING RESOURCES, L.L.C.  
UNIVERSITY 49,  
#0903H WELL  
SURFACE HOLE LOCATION  
X=1,657,308.25  
Y=526,250.45  
LAT= 31°06'33.06"  
LON= 101°25'43.66"  
SURFACE ELEVATION=2,714.51'

ENDURING RESOURCES, L.L.C.  
UNIVERSITY 49,  
#0903H WELL  
LAST TAKE POINT  
X=1,657,141.58  
Y=515,197.24  
LAT= 31°04'43.65"  
LON=101°25'44.32"

ENDURING RESOURCES, L.L.C.  
UNIVERSITY 49,  
#0903H WELL  
BOTTOM HOLE LOCATION  
X=1,657,139.25  
Y=515,136.48  
LAT= 31°04'43.05"  
LON=101°25'44.34"

**FINAL**  
**ENDURING RESOURCES, L.L.C.**  
**UNIVERSITY 49,**  
**#0903H WELL**  
**AS-DRILLED**  
**2779.956 ACRES**  
**REAGAN COUNTY, TEXAS**  
**PERCHERON**

SURVEY, LLC  
15411 Vantage Pkwy West  
Suite 205  
Houston, Texas 77032  
(281) 447-6230  
Texas Surveying Firm License  
No. 10020700, Expires 12/31/2013  
NOVEMBER 25, 2013  
PROJECT 140.0004.005