

API No. <u>42-383-38183</u> Drilling Permit # <u>754907</u> SWR Exception Case/Docket No. _____		RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <i>This facsimile W-1 was generated electronically from data submitted to the RRC.</i> <i>A certification of the automated data is available in the RRC's Austin office.</i>				FORM W-1 07/2004 Permit Status: Approved	
1. RRC Operator No. 252014		2. Operator's Name (as shown on form P-5, Organization Report) ENDURING RESOURCES, LLC			3. Operator Address (include street, city, state, zip):		
4. Lease Name UNIVERSITY 47-48		5. Well No. 1809H					
GENERAL INFORMATION							
6. Purpose of filing (mark ALL appropriate boxes): <input checked="" type="checkbox"/> New Drill <input type="checkbox"/> Recompletion <input type="checkbox"/> Reclass <input type="checkbox"/> Field Transfer <input type="checkbox"/> Re-Enter <input type="checkbox"/> Amended <input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D)							
7. Wellbore Profile (mark ALL appropriate boxes): <input type="checkbox"/> Vertical <input checked="" type="checkbox"/> Horizontal (Also File Form W-1H) <input type="checkbox"/> Directional (Also File Form W-1D) <input type="checkbox"/> Sidetrack							
8. Total Depth 7395		9. Do you have the right to develop the minerals under any right-of-way ? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		10. Is this well subject to Statewide Rule 36 (hydrogen sulfide area)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
SURFACE LOCATION AND ACREAGE INFORMATION							
11. RRC District No. 7C		12. County REAGAN		13. Surface Location <input checked="" type="checkbox"/> Land <input type="checkbox"/> Bay/Estuary <input type="checkbox"/> Inland Waterway <input type="checkbox"/> Offshore			
14. This well is to be located <u>9.83</u> miles in a <u>SE</u> direction from <u>BIG LAKE</u> which is the nearest town in the county of the well site.							
15. Section 23		16. Block 48		17. Survey UNIVERSITY LANDS		18. Abstract No. A-	
				19. Distance to nearest lease line: 100 ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: 479.92	
21. Lease Perpendiculars: <u>450</u> ft from the <u>N (OFFLEASE)</u> line and <u>1632</u> ft from the <u>W (OFF LEASE)</u> line. 22. Survey Perpendiculars: <u>450</u> ft from the <u>N (OFFLEASE)</u> line and <u>1632</u> ft from the <u>W (OFFLEASE)</u> line.							
23. Is this a pooled unit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		24. Unitization Docket No:		25. Are you applying for Substandard Acreage Field? <input type="checkbox"/> Yes (attach Form W-1A) <input checked="" type="checkbox"/> No			
FIELD INFORMATION List all fields of anticipated completion including Wildcat. List one zone per line.							
26. RRC District No.	27. Field No.	28. Field Name (exactly as shown in RRC records)		29. Well Type	30. Completion Depth	31. Distance to Nearest Well in this Reservoir	
7C	53613750	LIN (WOLFCAMP)		Oil or Gas Well	6895	0.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
Remarks 				Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge.			
				<div style="display: flex; justify-content: space-between;"> <div> <u>Alvin Arlian, Regulatory Specialist</u> Name of filer </div> <div> <u>Jan 16, 2013</u> Date submitted </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <u>(303)3505114</u> Phone </div> <div> <u>aarlian@enduringresources.com</u> E-mail Address (OPTIONAL) </div> </div>			
RRC Use Only Data Validation Time Stamp: Jan 22, 2013 4:52 PM('As Approved' Version)							

Permit Status: Approved <i>The RRC has not approved this application. Duplication or distribution of information is at the user's own risk.</i>

**RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION**

APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER

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 A certification of the automated data is available in the RRC's Austin office.*

Permit #	754907
Approved Date: Jan 22, 2013	

1. RRC Operator No. 252014	2. Operator's Name (exactly as shown on form P-5, Organization Report) ENDURING RESOURCES, LLC	3. Lease Name UNIVERSITY 47-48	4. Well No. 1809H
Lateral Drainhole Location Information			
5. Field as shown on Form W-1 LIN (WOLFCAMP) (Field # 53613750, RRC District 7C)			
6. Section 13	7. Block 48	8. Survey UNIVERSITY LANDS	9. Abstract
		10. County of BHL REAGAN	
11. Terminus Lease Line Perpendiculars 100 ft. from the NORTH line. and 990 ft. from the EAST line			
12. Terminus Survey Line Perpendiculars 2591 ft. from the SOUTH line. and 1559 ft. from the WEST line			
13. Penetration Point Lease Line Perpendiculars 175 ft. from the N (OFFLEASE) line. and 1632 ft. from the W (off lease) line			

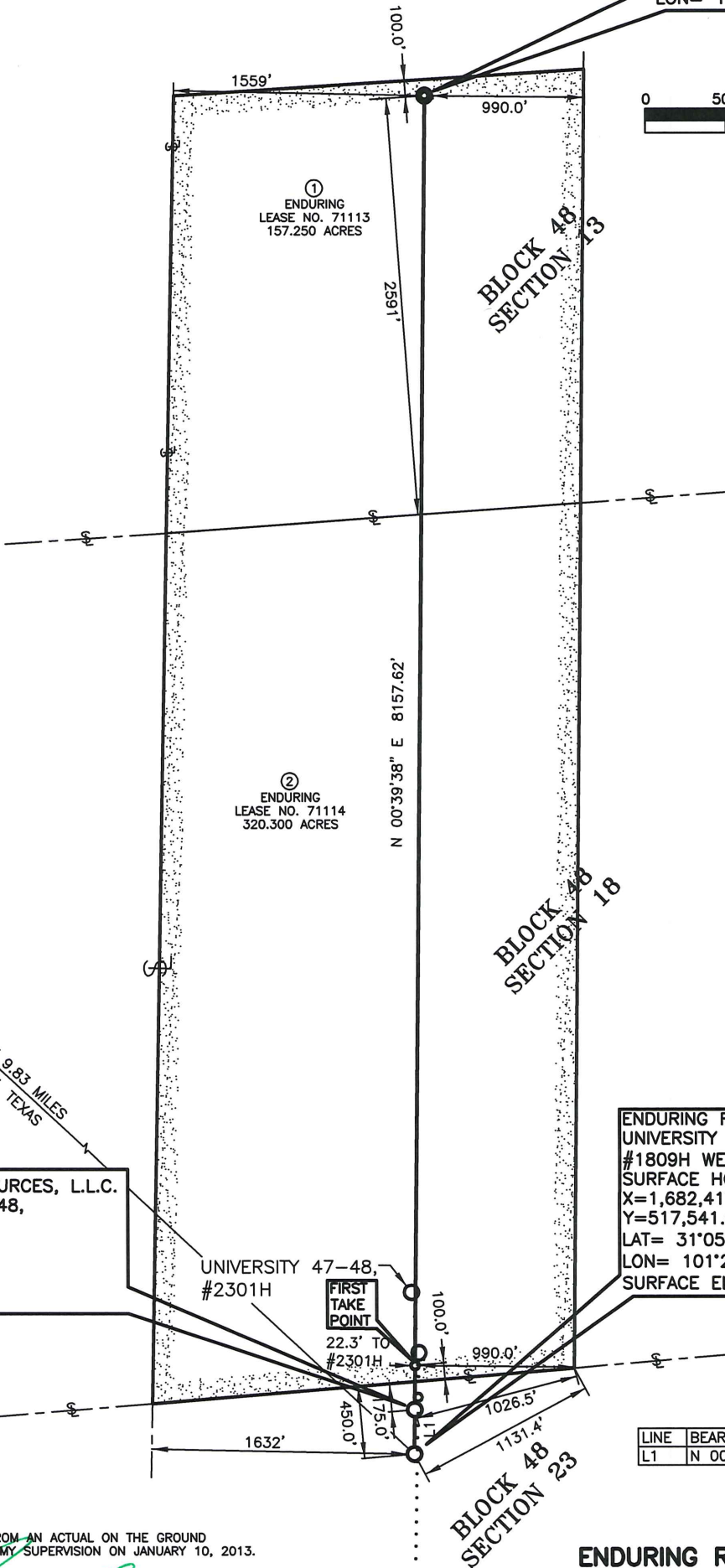
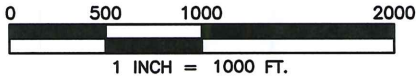
RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

PERMIT NUMBER 754907	DATE PERMIT ISSUED OR AMENDED Jan 22, 2013	DISTRICT * 7C	
API NUMBER 42-383-38183	FORM W-1 RECEIVED Jan 16, 2013	COUNTY REAGAN	
TYPE OF OPERATION NEW DRILL	WELLBORE PROFILE(S) Horizontal	ACRES 479.92	
OPERATOR ENDURING RESOURCES, LLC		NOTICE This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. District Office Telephone No: (325) 657-7450	
LEASE NAME UNIVERSITY 47-48		WELL NUMBER 1809H	
LOCATION 9.83 miles SE direction from BIG LAKE		TOTAL DEPTH 7395	
Section, Block and/or Survey SECTION 23 BLOCK 48 ABSTRACT SURVEY UNIVERSITY LANDS			
DISTANCE TO SURVEY LINES 450 ft. N (OFFLEASE) 1632 ft. W (OFFLEASE)		DISTANCE TO NEAREST LEASE LINE 100 ft.	
DISTANCE TO LEASE LINES 450 ft. N (OFFLEASE) 1632 ft. W (OFF LEASE)		DISTANCE TO NEAREST WELL ON LEASE See FIELD(s) Below	
FIELD(s) and LIMITATIONS: <p style="text-align: center;">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</p>			
FIELD NAME LEASE NAME		ACRES NEAREST LEASE	DEPTH NEAREST WE
----- LIN (WOLFCAMP) UNIVERSITY 47-48 -----		479.92 100	6,895 0
----- WELLBORE PROFILE(s) FOR FIELD: Horizontal -----			
RESTRICTIONS: Lateral: TH1 Penetration Point Location Lease Lines: 175.0 F N (OFFLEASE) L 1632.0 F W (OFF LEASE) L Terminus Location BH County: REAGAN Section: 13 Block: 48 Abstract: Survey: UNIVERSITY LANDS Lease Lines: 100.0 F NORTH L 990.0 F EAST L Survey Lines: 2591.0 F SOUTH L 1559.0 F WEST L			
THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS			
This well shall be completed and produced in compliance with applicable special field or statewide spacing and density rules. If this well is to be used for brine mining, underground storage of liquid hydrocarbons in salt formations, or underground storage of gas in salt formations, a permit for that specific purpose must be obtained from Environmental Services prior to construction, including drilling, of the well in accordance with Statewide Rules 81, 95, and 97.			

TRACT	LEASE #	CALLED ACREAGE	MEASURED ACREAGE	MEASURED PCT.
1	UNIVERSITY LANDS 71113	157.250 ACRES	158.925 ACRES	33.115
2	UNIVERSITY LANDS 71114	320.300 ACRES	320.999 ACRES	66.885
TOTAL			479.924 ACRES	100.000

ENDURING RESOURCES, L.L.C.
UNIVERSITY 47-48,
#1809H WELL
BOTTOM HOLE/LAST TAKE
POINT LOCATION
X=1,682,515.09
Y=525,972.30
LAT= 31°06'32.68"
LON= 101°20'53.67"



ENDURING RESOURCES, L.L.C.
UNIVERSITY 47-48,
No.1809H WELL
PENETRATION
POINT LOCATION
X=1,682,421.08
Y=517,817.21

ENDURING RESOURCES, L.L.C.
UNIVERSITY 47-48,
#1809H WELL
SURFACE HOLE LOCATION
X=1,682,417.80
Y=517,541.02
LAT= 31°05'09.22"
LON= 101°20'53.90"
SURFACE ELEVATION=2750.50'

LINE	BEARING	DISTANCE
L1	N 00°40'51" E	276.28'

THIS MAP WAS PREPARED FROM AN ACTUAL ON THE GROUND
SURVEY PERFORMED UNDER MY SUPERVISION ON JANUARY 10, 2013.

HEATHER L. PASSMORE
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.

§ = APPROXIMATE SURVEY ABSTRACT LINE



FINAL
ENDURING RESOURCES, L.L.C.
UNIVERSITY 47-48,
#1809H WELL
479.924 ACRES
REAGAN COUNTY, TEXAS

PERCHERON
SURVEYING, LLC

15411 Vantage Pkwy West
Suite 205
Houston, Texas 77032
(281) 447-6230

JANUARY 16, 2013
JOB NO. 140.0028.001 REV. 1

SHEET 1 OF 1