

API No. <u>42-235-35000</u>		<b>RAILROAD COMMISSION OF TEXAS OIL &amp; GAS DIVISION</b>				<b>FORM W-1</b> 07/2004		
Drilling Permit # <u>734051</u>		<b>APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER</b>				Permit Status: <b>Approved</b>		
SWR Exception Case/Docket No. _____		<i>This facsimile W-1 was generated electronically from data submitted to the RRC. A certification of the automated data is available in the RRC's Austin office.</i>						
1. RRC Operator No. <b>253162</b>		2. Operator's Name (as shown on form P-5, Organization Report) <b>EOG RESOURCES, INC.</b>			3. Operator Address (include street, city, state, zip):			
4. Lease Name <b>UNIVERSITY 43</b>			5. Well No. <b>1011H</b>					
<b>GENERAL INFORMATION</b>								
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 <b>6750</b>		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			
<b>SURFACE LOCATION AND ACREAGE INFORMATION</b>								
11. RRC District No. <b>7C</b>		12. County <b>IRION</b>		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>2.7</u> miles in a <u>W</u> direction from <u>Barnhart</u> which is the nearest town in the county of the well site.								
15. Section <b>10</b>	16. Block <b>43</b>	17. Survey <b>UL</b>		18. Abstract No. <b>A-</b>	19. Distance to nearest lease line: <b>100</b> ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <b>4827.8</b>		
21. Lease Perpendiculars: <u>7451</u> ft from the <u>SOUTH</u> line and <u>4868</u> ft from the <u>EAST</u> line.								
22. Survey Perpendiculars: <u>2120</u> ft from the <u>SOUTH</u> line and <u>1017</u> ft from the <u>WEST</u> line.								
23. Is this a pooled unit? <input type="checkbox"/> Yes <input checked="" 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				
<b>FIELD INFORMATION</b> 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	32. Number of Wells on this lease in this Reservoir
7C	53613750	LIN (WOLFCAMP)			Oil or Gas Well	6720	87.00	18
<b>BOTTOMHOLE LOCATION INFORMATION</b> is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)								
<b>Remarks</b> [RRC STAFF Feb 29, 2012 10:24 AM]: Manual review ok, density met.					<b>Certificate:</b> I certify that information stated in this application is true and complete, to the best of my knowledge.			
					<u>Renee Jarratt, Sr. Regulatory Analyst</u> <u>Feb 16, 2012</u> Name of filer    Date submitted			
<b>RRC Use Only</b> Data Validation Time Stamp: Feb 29, 2012 1:02 PM( Current Version )					<u>(432)6863684</u> <u>Renee_Jarratt@eogresources.com</u> Phone    E-mail Address (OPTIONAL)			

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

**Form W-1H** 07/2004  
Supplemental Horizontal Well Information

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

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

*This facsimile W-1 was generated electronically from data submitted to the RRC.  
A certification of the automated data is available in the RRC's Austin office.*

Permit # **734051**  
Approved Date: **Feb 29, 2012**

1. RRC Operator No. <b>253162</b>	2. Operator's Name (exactly as shown on fom P-5, Organization Report) <b>EOG RESOURCES, INC.</b>	3. Lease Name <b>UNIVERSITY 43</b>	4. Well No. <b>1011H</b>
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**Lateral Drainhole Location Information**

5. Field as shown on Form W-1 **LIN (WOLFCAMP) (Field # 53613750, RRC District 7C)**

6. Section <b>1</b>	7. Block <b>43</b>	8. Survey <b>UL</b>	9. Abstract	10. County of BHL <b>IRION</b>
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11. Terminus Lease Line Perpendiculars <b>100</b> ft. from the <b>North</b> line. and <b>4940</b> ft. from the <b>East</b> line
12. Terminus Survey Line Perpendiculars <b>100</b> ft. from the <b>North</b> line. and <b>1017</b> ft. from the <b>West</b> line
13. Penetration Point Lease Line Perpendiculars <b>7451</b> ft. from the <b>South</b> line. and <b>4868</b> ft. from the <b>East</b> 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 <b>734051</b>	DATE PERMIT ISSUED OR AMENDED <b>Feb 29, 2012</b>	DISTRICT <b>* 7C</b>	
API NUMBER <b>42-235-35000</b>	FORM W-1 RECEIVED <b>Feb 16, 2012</b>	COUNTY <b>IRION</b>	
TYPE OF OPERATION <b>NEW DRILL</b>	WELLBORE PROFILE(S) <b>Horizontal</b>	ACRES <b>4827.8</b>	
OPERATOR <b>EOG RESOURCES, INC.</b>	<b>253162</b>	<b>NOTICE</b> This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. <b>District Office Telephone No:</b> <b>(325) 657-7450</b>	
LEASE NAME <b>UNIVERSITY 43</b>		WELL NUMBER <b>1011H</b>	
LOCATION <b>2.7 miles W direction from BARNHART</b>		TOTAL DEPTH <b>6750</b>	
Section, Block and/or Survey SECTION ← <b>10</b> BLOCK ← <b>43</b> ABSTRACT ← SURVEY ← <b>UL</b>			
DISTANCE TO SURVEY LINES <b>2120 ft. SOUTH    1017 ft. WEST</b>		DISTANCE TO NEAREST LEASE LINE <b>100 ft.</b>	
DISTANCE TO LEASE LINES <b>7451 ft. SOUTH    4868 ft. EAST</b>		DISTANCE TO NEAREST WELL ON LEASE <b>See FIELD(s) Below</b>	
FIELD(s) and LIMITATIONS: <p align="center"><b>* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</b></p>			
FIELD NAME LEASE NAME	ACRES NEAREST LEASE	DEPTH NEAREST LEASE	
	WELL # NEAREST WE	DIST	
----- LIN (WOLFCAMP) <b>UNIVERSITY 43</b>	<b>4827.80</b> <b>100</b>	<b>6,720</b> <b>87</b>	<b>1011H</b> <b>7C</b>
----- WELLBORE PROFILE(s) FOR FIELD: <b>Horizontal</b> -----			
RESTRICTIONS:    Lateral: TH1 Penetration Point Location Lease Lines:        7451.0 F SOUTH L 4868.0 F EAST L Terminus Location BH County: IRION Section: 1                      Block: 43                      Abstract: Survey: UL Lease Lines:        100.0 F NORTH L 4940.0 F EAST L Survey Lines:       100.0 F NORTH L 1017.0 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.			

# eog resources, inc.

LEASE NAME & WELL NO.:

**UNIVERSITY 43 #1011H**

TOPOGRAPHY & VEGETATION:

**NATURAL MESQUITE PASTURE**

NEAREST TOWN IN COUNTY:

**±2.7 MILES WEST OF BARNHART, TEXAS**

DESCRIPTION:

**SECTION 10, BLOCK 43, UNIVERSITY LAND  
IRION COUNTY, TEXAS**



NAD 27  
GRID BEARINGS

This location has been very carefully staked on the ground according to the best official survey records, maps, and other data available to us. This plot does not in any way represent a "Boundary Survey", and does not comply with correct T.B.P.L.S. Minimum Standards of Procedures for Boundary Surveys.

**LEGEND:**

- x—x— Fence
- E—E— Powerline
- v—v— Water Line
- |—|— Pipeline
- ==== Lease Road

**CERTIFICATION:**



*William J. Keating*  
Texas Reg. No. 5041

I, William J. Keating, a Registered Professional Land Surveyor, and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein. This plot is for Texas Railroad Commission permitting only.

**Surface Hole Location:**

2120' FSL & 1017' FWL  
SHL Ground Elevation: 2654'  
X = 1720132 Y = 530936  
LAT.: N 31.1234538 LONG.: W 101.2277774  
NAD 83 TX-C ZONE  
X = 2016599 Y = 10373514  
LAT.: N 31.1236141 LONG.: W 101.2281694

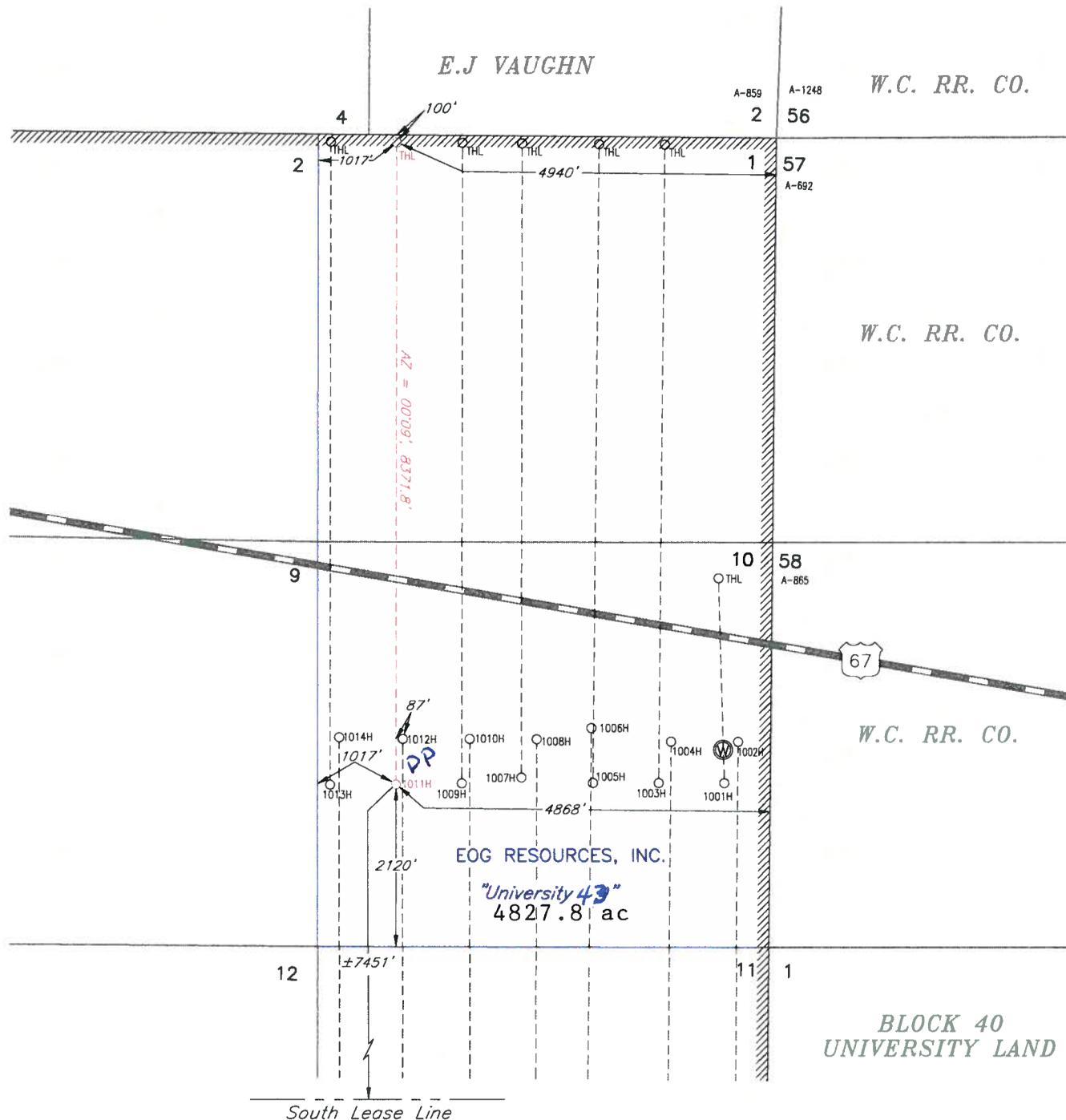
**Terminus Hole Location:**

100' FNL & 1017' FWL (SEC. 1)  
X = 1720153 Y = 539308  
LAT.: N 31.1464727 LONG.: W 101.2279255  
NAD 83 TX-C ZONE  
X = 2016620 Y = 10381886  
LAT.: N 31.1466322 LONG.: W 101.2283175

All Coordinates are in NAD 27 TX-C Zone unless otherwise noted

ORIGINAL DOC. SIZE: 8.5"x14"

SCALE:	1" = 1000'
DATE:	FEBRUARY 2, 2012
COGO:	IRION_REAGAN_CROCKETT_SCHLEICHER/ 518-124590
	LO_UNIVERSITY_1011H
INVOICE #:	179027
DRAWN BY:	A.C.P.



## TOPOGRAPHIC

SURVEYING • MAPPING • GIS • GPS

2903 N. BIG SPRING \* MIDLAND, TEXAS 79705  
TELEPHONE: (432) 682-1653 (800) 767-1653 \* FAX (432) 682-1743