

API No. <u>42-383-38000</u> Drilling Permit # <u>746918</u> SWR Exception Case/Docket No. _____		<b>RAILROAD COMMISSION OF TEXAS</b> <b>OIL &amp; GAS DIVISION</b> <b>APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER</b> <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>			<b>FORM W-1</b> 07/2004 Permit Status: <b>Approved</b>	
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 09B</b>		5. Well No. <b>1103H</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 checked="" 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>8230</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>REAGAN</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>4.8</u> miles in a <u>NE</u> direction from <u>Texon</u> which is the nearest town in the county of the well site.						
15. Section <b>11</b>	16. Block <b>9</b>	17. Survey <b>UNIVERSITY LAND</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>524.15</b>						
21. Lease Perpendiculars: <u>2218</u> ft from the <u>S (OFF LEASE)</u> line and <u>1430</u> ft from the <u>W (OFF LEASE)</u> line.						
22. Survey Perpendiculars: <u>2218</u> ft from the <u>SOUTH</u> line and <u>1430</u> ft from the <u>EAST</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		
<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	
<b>7C</b>	<b>53613750</b>	<b>LIN (WOLFCAMP)</b>		<b>Oil or Gas Well</b>	<b>8230</b>	
<b>BOTTOMHOLE LOCATION INFORMATION</b> is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)						
<b>Remarks</b>				<b>Certificate:</b> 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>Renee Jarratt, Sr. Regulatory Analyst</u>            Name of filer  <u>(432)6863684</u>            Phone         </div> <div> <u>Sep 25, 2012</u>            Date submitted  <u>Renee_Jarratt@eogresources.com</u>            E-mail Address (OPTIONAL)         </div> </div>		
<b>RRC Use Only</b> Data Validation Time Stamp:    Oct 4, 2012 8:17 AM( Current 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**

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

**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 #	746918
Approved Date:	Oct 03, 2012

1. RRC Operator No. 253162	2. Operator's Name (exactly as shown on form P-5, Organization Report) EOG RESOURCES, INC.	3. Lease Name UNIVERSITY 09B	4. Well No. 1103H
<b>Lateral Drainhole Location Information</b>			
5. Field as shown on Form W-1 LIN (WOLFCAMP) (Field # 53613750, RRC District 7C)			
6. Section 22	7. Block 58	8. Survey UNIVERSITY LAND	9. Abstract
		10. County of BHL REAGAN	
11. Terminus Lease Line Perpendiculars 100 ft. from the North line. and 330 ft. from the West line			
12. Terminus Survey Line Perpendiculars 557 ft. from the South line. and 2309 ft. from the East line			
13. Penetration Point Lease Line Perpendiculars 2218 ft. from the S (OFF LEASE) line. and 1430 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 <b>746918</b>	DATE PERMIT ISSUED OR AMENDED (AMENDED) <b>Oct 03, 2012</b>	DISTRICT <b>* 7C</b>	
API NUMBER <b>42-383-38000</b>	FORM W-1 RECEIVED <b>Sep 25, 2012</b>	COUNTY <b>REAGAN</b>	
TYPE OF OPERATION <b>NEW DRILL</b>	WELLBORE PROFILE(S) <b>Horizontal</b>	ACRES <b>524.15</b>	
OPERATOR <b>EOG RESOURCES, INC.</b>		253162	
		<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 09B</b>		WELL NUMBER <b>1103H</b>	
LOCATION <b>4.8 miles NE direction from TEXON</b>		TOTAL DEPTH <b>8230</b>	
Section, Block and/or Survey SECTION ◀ <b>11</b> BLOCK ◀ <b>9</b> ABSTRACT ◀ SURVEY ◀ <b>UNIVERSITY LAND</b>			
DISTANCE TO SURVEY LINES <b>2218 ft. SOUTH    1430 ft. EAST</b>		DISTANCE TO NEAREST LEASE LINE <b>100 ft.</b>	
DISTANCE TO LEASE LINES <b>2218 ft. S (OFF LEASE)    1430 ft. W (OFF LEASE)</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 WE
----- <b>LIN (WOLFCAMP)</b> <b>UNIVERSITY 09B</b> -----		<b>524.15</b> <b>100</b>	<b>8,230</b> <b>100</b>
		<b>1103H</b>	<b>7C</b>
----- <b>WELLBORE PROFILE(s) FOR FIELD: Horizontal</b> -----			
RESTRICTIONS:    Lateral: TH1 Penetration Point Location Lease Lines:        2218.0 F S (OFF LEASE) L 1430.0 F W (OFF LEASE) L Terminus Location BH County: REAGAN Section: 22                      Block: 58                      Abstract: Survey: UNIVERSITY LAND Lease Lines:                100.0 F NORTH L 330.0 F WEST L Survey Lines:                557.0 F SOUTH L 2309.0 F EAST L			
<p align="center"><b>THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS</b></p> <p>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.</p>			



LEASE NAME & WELL NO.:

**UNIVERSITY 09B #1103H**

TOPOGRAPHY & VEGETATION:

**NATURAL MESQUITE PASTURE**

NEAREST TOWN IN COUNTY:

**±4.8 MILES NORTHEAST OF TEXON, TEXAS**

DESCRIPTION:

**SHL & FTP: SECTION 11, BLOCK 9, UNIVERSITY LAND  
THL: SECTION 22, BLOCK 58, UNIVERSITY LAND  
REAGAN COUNTY, TEXAS**

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 plat 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.

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 plat is for Texas Railroad Commission permitting only.

**TOPOGRAPHIC**  
SURVEYING • MAPPING • GIS • GPS

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



**Surface Hole Location:**

2218' FSL & 1430' FEL  
SHL Ground Elevation: 2630'  
X = 1591924 Y = 589102  
LAT.: N 31.2798873 LONG.: W 101.6396743  
NAD 83 TX-C ZONE  
X = 1888392 Y = 10431679  
LAT.: N 31.2800375 LONG.: W 101.6400728

**First Take Point:**

100' FSL & 1154' FWL  
X = 1591881 Y = 589650  
LAT.: N 31.2813908 LONG.: W 101.6398345  
NAD 83 TX-C ZONE  
X = 1888349 Y = 10432226  
LAT.: N 31.2815410 LONG.: W 101.6402330

**Terminus Hole Location:**

557' FSL & 2309' FEL (SEC. 22)  
X = 1591227 Y = 598116  
LAT.: N 31.3046466 LONG.: W 101.6422444  
NAD 83 TX-C ZONE  
X = 1887695 Y = 10440693  
LAT.: N 31.3047960 LONG.: W 101.6426430

ORIGINAL DOC. SIZE: 8.5"x14"

SCALE:	1" = 2000'
DATE:	JULY 24, 2012
COGO:	519-89429
LO_UNIVERSITY9B_1103H_REV2	
DRAWN BY:	ACP; 7-26-12

REV#	BY	DATE REVISED
1-ACP		7-30-12
2-ACP		9-5-12

**LEGEND:**

— x — Fence  
— E — Powerline  
— W — Water Line  
— P — Pipeline  
== == == Lease Road

