

API No. <u>42-389-33919</u> Drilling Permit # <u>768455</u> SWR Exception Case/Docket No. <u>0284275 (R37)</u>	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
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1. RRC Operator No. 643401	2. Operator's Name (as shown on form P-5, Organization Report) PATRIOT RESOURCES, INC.	3. Operator Address (include street, city, state, zip): 110 W LOUISIANA SUITE 500 MIDLAND, TX 79701
4. Lease Name LEOPARD 5	5. Well No. 3H	

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 13000	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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

SURFACE LOCATION AND ACREAGE INFORMATION

11. RRC District No. 08	12. County REEVES	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>22.3</u> miles in a <u>SE</u> direction from <u>Pecos</u> which is the nearest town in the county of the well site.				
15. Section 8	16. Block C1	17. Survey PSL/ EDDINS, L	18. Abstract No. A-4538	19. Distance to nearest lease line: 100 ft.
20. Number of contiguous acres in lease, pooled unit, or unitized tract: 638.2				
21. Lease Perpendiculars: <u>520</u> ft from the <u>N OFF LEASE</u> line and <u>1980</u> ft from the <u>W OFF LEASE</u> line.				
22. Survey Perpendiculars: <u>1980</u> ft from the <u>WEST</u> line and <u>520</u> ft from the <u>NORTH</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				

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	32. Number of Wells on this lease in this Reservoir
08	98359800	WOLFBONE (TREND AREA)	Oil or Gas Well	13000	1100.00	3
08	00018001	WILDCAT	Oil or Gas Well	13000	0.00	1

BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)

Remarks [RRC STAFF Aug 21, 2013 5:29 PM]: WILDCAT FIELD ADDED PER FILER.	Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge. <div style="text-align: right;"> <u>Ann Ritchie</u> <u>Aug 16, 2013</u> Name of filer Date submitted </div> <div style="text-align: right;"> <u>(432)6846381</u> <u>ann.wtor@gmail.com</u> Phone E-mail Address (OPTIONAL) </div>
RRC Use Only Data Validation Time Stamp: Sep 20, 2013 10:30 AM('As Approved' Version)	

**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

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Permit # **768455**
Approved Date: **Sep 20, 2013**

1. RRC Operator No. 643401	2. Operator's Name (exactly as shown on form P-5, Organization Report) PATRIOT RESOURCES, INC.	3. Lease Name LEOPARD 5	4. Well No. 3H
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Lateral Drainhole Location Information

5. Field as shown on Form W-1 **WOLFBONE (TREND AREA) (Field # 98359800, RRC District 08)**

6. Section 5	7. Block C1	8. Survey PSL/ HORNSBY, A D	9. Abstract 1228	10. County of BHL REEVES
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11. Terminus Lease Line Perpendiculars 335 ft. from the North line. and 1980 ft. from the West line
12. Terminus Survey Line Perpendiculars 335 ft. from the North line. and 1980 ft. from the West line
13. Penetration Point Lease Line Perpendiculars 100 ft. from the South line. and 1980 ft. from the West line

5. Field as shown on Form W-1 **WILDCAT (Field # 00018001, RRC District 08)**

6. Section 5	7. Block C1	8. Survey PSL/ HORNSBY, A D	9. Abstract 1228	10. County of BHL REEVES
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11. Terminus Lease Line Perpendiculars 335 ft. from the North line. and 1980 ft. from the West line
12. Terminus Survey Line Perpendiculars 335 ft. from the North line. and 1980 ft. from the West line
13. Penetration Point Lease Line Perpendiculars 100 ft. from the South line. and 1980 ft. from the West line

SECTION 5
BLOCK C-5, PSL
638.20 ACRES
GLO #143748

Apache Corporation
A-4820

1/2" REBAR
IN CONC.

PILE OF
STONES

N 88°23'02" W 5276.19'

1980.00'

335.00'

BOTTOM HOLE LOCATION #1
335.00' FNL &
1980.00' FWL
N/Y: 10432831.68
E/X: 1401984.06
LAT: 31°15'29.31"
LONG: 103°11'48.49"

LEOPARD 5 NO. 3H
ELEV: 2686.5'
SECTION 8 & 5
BLOCK C-1, PSL
638.2 ACRES
GLO #075946
A-1288

SURFACE HOLE LOCATION
1927 N.A.D-CENTRAL
N/Y: 584795.88
E/X: 1105365.67
27801898 Sq. Feet
638.2 Acres

POINT OF PENETRATION
100.00' FSL &
1980.00' FWL
N/Y: 10427990.35
E/X: 1401847.95
LAT: 31°14'41".37"
LONG: 103°11'48.62"

LEOPARD 5 NO. 3H SURFACE HOLE LOCATION
520.00" FNL & 1980' FWL
N/Y: 10427370.60
E/X: 1401830.53
LAT: 31°14'35.23"
LONG: 103°11'48.64"

GLO #135694
A-4538

Patriot Resources

NOTES:

1.) BEARINGS & COORDINATES SHOWN HEREON ARE REFERENCED TO THE TEXAS STATE PLANE COORDINATE SYSTEM, NAD 83 (2011) CENTRAL ZONE DERIVED FROM GPS OBSERVATIONS AND ARE BASED ON NGS MONUMENT "CABLE", REEVES COUNTY (X=1,395,401.45, Y=10,426,615.90)

2.) LATITUDE & LONGITUDE ARE NAD 83 (2011) GEOGRAPHIC.

3.) THIS IS A PROPOSED WELL PLAT AND DOES NOT REPRESENT A TRUE BOUNDARY SURVEY. THIS SURVEY IS BASED ON OWNERSHIP AND EASEMENT INFORMATION PROVIDED BY PATRIOT RESOURCES AS RECORD DATA (DATA). SURVEYOR DID NOT ABSTRACT SUBJECT TRACT AND THERE MAY BE EASEMENTS OR OTHER ENCUMBRANCES THAT AFFECT THE SUBJECT TRACT THAT ARE NOT SHOWN HEREON. EXISTING UTILITIES ARE SHOWN PER ABOVE GROUND EVIDENCE ONLY.



Raymond R. Williams 7-11-13
Raymond R. Williams, RPLS 1666

LOCATION IN SURVEY: 520.00 FNL & 1980.00 FWL
LOCATION IN LEASE: 520.00 FNL & 1980.00' FWL

NEAREST POST OFFICE: 22.30 MILES NORTHWEST TO PECOS, TEXAS

THIS DRAWING IS NOT VALID UNLESS BEARING AN ORIGINAL SIGNATURE, DATE AND EMBOSSED SURVEYOR'S SEAL. BEARINGS ARE BASED ON TEXAS STATE PLANE COORDINATE SYSTEM, NAD 83 (2011), CENTRAL ZONE (2-4203). THIS SURVEY IS VALID FOR THIS TRANSACTION ONLY. © 2013, NAUTICAL SURVEYING AND MAPPING, LLC

PATRIOT RESOURCES, INC.
110 W. LOUISIANA
SUITE 500
MIDLAND, TEXAS 79701

LEOPARD 5 NO. 3H
PUBLIC SCHOOL LANDS
REEVES COUNTY, TEXAS

REV.	DATE	BY:	DESCRIPTION	CHK
			PROJECT NO. 1306009	



NAUTICAL SURVEYING & MAPPING SERVICES, LLC

360 N. DOUGLAS ST BURLINGTON, TEXAS 76028
P.O. BOX 2406 BURLINGTON, TEXAS 76097
Phone: (817) 945-1767 Fax: (817) 945-1768
www.NauticalSurveying.com

DRAWN BY: DC	DATE: 07-08-13	DWG. NO.	REV.
CHECKED BY: KY	DATE: 07-08-13	1 OF 1	0
SCALE: 1"=1000'	APP.:		

Sec 5C