

API No. <u>42-419-31608</u> Drilling Permit # <u>698579</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. 810874		2. Operator's Name (as shown on form P-5, Organization Report) ST. MARY LAND & EXPLORATION CO.		3. Operator Address (include street, city, state, zip): 330 MARSHALL STREET SUITE 1200 SHREVEPORT, LA 71101			
4. Lease Name BOONE		5. Well No. 1H					
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
SURFACE LOCATION AND ACREAGE INFORMATION							
11. RRC District No. 06		12. County SHELBY		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>13.5</u> miles in a <u>SE</u> direction from <u>CENTER</u> which is the nearest town in the county of the well site.							
15. Section		16. Block		17. Survey DAVIS, N		18. Abstract No. A-147	
				19. Distance to nearest lease line: 330 ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: 559.19	
21. Lease Perpendiculars: <u>1823</u> ft from the <u>SOUTH</u> line and <u>16523</u> ft from the <u>WLYW</u> line. 22. Survey Perpendiculars: <u>1823</u> ft from the <u>SOUTH</u> line and <u>16523</u> ft from the <u>WLYW</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	
06	16032300	CARTHAGE (HAYNESVILLE SHALE)		Gas Well	10750	0.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
Remarks [FILER Jul 1, 2010 12:53 PM]: SURFACE LOCATION IS OFF LEASE				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>Charla Rolph, Agent</u> Name of filer </div> <div> <u>Jul 06, 2010</u> Date submitted </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <u>(903)9843443</u> Phone </div> <div> <u>watsonreport@cablelynx.com</u> E-mail Address (OPTIONAL) </div> </div>			
RRC Use Only Data Validation Time Stamp: Jul 7, 2010 11:32 AM('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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Permit #	698579
Approved Date:	Jul 07, 2010

1. RRC Operator No. 810874	2. Operator's Name (exactly as shown on form P-5, Organization Report) ST. MARY LAND & EXPLORATION CO.	3. Lease Name BOONE	4. Well No. 1H
Lateral Drainhole Location Information			
5. Field as shown on Form W-1 CARTHAGE (HAYNESVILLE SHALE) (Field # 16032300, RRC District 06)			
6. Section	7. Block	8. Survey DAVIS, N	9. Abstract 147
10. County of BHL SHELBY			
11. Terminus Lease Line Perpendiculars 2759 ft. from the NORTH line. and 1358 ft. from the EAST line			
12. Terminus Survey Line Perpendiculars 32 ft. from the NORTH line. and 9190 ft. from the ELYW line			
13. Penetration Point Lease Line Perpendiculars 330 ft. from the SOUTH line. and 458 ft. from the EAST line			

This plot is NOT intended to represent a "BOUNDARY SURVEY". This plot was prepared for the sale use of St. Mary Land & Exploration Company. The tract outlines and acreage shown are based upon information provided by St. Mary Land & Expl. Co. Location staked from tract lines as evidenced by occupation.

FC = Fence Corner
IP = Found Iron Rod
CM = Found Concrete Monument



TRACT	ACRES
1	31
2	31
3	42
4	36
5	6.03
6	2.16
7	1.5
8	19.93
9	5.62
10	21.4
11	2.0
12	6.5
13	1
14	47.5
15	125
16	100
17	62.55
TOTAL	559.19 Acres

PROPOSED SURFACE LOCATION
X= 3,949,186'
Y= 767,571'
Lot= 31.6261820°N
Lon= 94.0676897°W
Ground Elevation = 327

PROPOSED FIRST TAKE POINT
X= 3,949,309'
Y= 768,163'
Lot= 31.6277869°N
Lon= 94.0671888°W

PROPOSED END OF LATERAL
X= 3,950,501'
Y= 773,908'
Lot= 31.6433727°N
Lon= 94.0623257°W

I hereby certify that the proposed location is correctly shown hereon to the best of my knowledge and belief.

Ronald E. Prather

RONALD E. PRATHER
PROFESSIONAL LAND SURVEYOR
TEXAS REGISTRATION NO. 5200
PREPARED BY:

C&C Technologies
SURVEY SERVICES

720 E. WALSH ROAD, LARVETTE, LA (337) 261-0899
REGISTRATION NUMBER: 1002 16-0

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ST. MARY
LAND
EXPLORATION
COMPANY

ST. MARY LAND & EXPLORATION COMPANY
330 MARSHALL STREET, SUITE 1200
SHREVEPORT, LOUISIANA 71101

BOONE NO. 1-H

NATHAN DAVIS SURVEY A-147

SHELBY COUNTY, TEXAS
DATE: MARCH 5, 2010 REVISED: MAY 26, 2010

PLAN 1000'
SCALE IN FEET

