

API No. <u>42-003-04646</u> Drilling Permit # <u>649607</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. <div style="text-align: center;">810874</div>		2. Operator's Name (as shown on form P-5, Organization Report) <div style="text-align: center;">ST. MARY LAND & EXPLORATION CO.</div>		3. Operator Address (include street, city, state, zip): 		
4. Lease Name <div style="text-align: center;">UNIVERSITY ANDREWS</div>		5. Well No. <div style="text-align: center;">43</div>				
GENERAL INFORMATION						
6. Purpose of filing (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> New Drill <input checked="" type="checkbox"/> Amended </div> <div> <input checked="" type="checkbox"/> Recompletion <input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D) </div> <div> <input type="checkbox"/> Reclass <input type="checkbox"/> Field Transfer </div> <div> <input type="checkbox"/> Re-Enter </div> </div>						
7. Wellbore Profile (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> Vertical </div> <div> <input type="checkbox"/> Horizontal (Also File Form W-1H) </div> <div> <input type="checkbox"/> Directional (Also File Form W-1D) </div> <div> <input type="checkbox"/> Sidetrack </div> </div>						
8. Total Depth <div style="text-align: center;">4000</div>		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. <div style="text-align: center;">08</div>		12. County <div style="text-align: center;">ANDREWS</div>		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>16.8</u> miles in a <u>SW</u> direction from <u>Andrews</u> which is the nearest town in the county of the well site.						
15. Section <div style="text-align: center;">30</div>	16. Block <div style="text-align: center;">10</div>	17. Survey <div style="text-align: center;">UL</div>	18. Abstract No. <div style="text-align: center;">A-</div>	19. Distance to nearest lease line: <div style="text-align: center;">658 ft.</div>	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <div style="text-align: center;">40</div>	
21. Lease Perpendiculars: <u>658</u> ft from the <u>WEST</u> line and <u>658</u> ft from the <u>NORTH</u> line.		22. Survey Perpendiculars: <u>658</u> ft from the <u>WEST</u> line and <u>1982</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	
08	28843777	EMBAR (YATES)	Gas Well	3200	0.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS						
Remarks [FILER Dec 26, 2007 12:19 PM]: Amend well name, acres, lease line distances.			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>Ann Ritchie</u> Name of filer </div> <div> <u>Dec 26, 2007</u> Date submitted </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <u>(432)6846381</u> Phone </div> <div> <u>ann.ritchie@wtor.net</u> E-mail Address (OPTIONAL) </div> </div>			
RRC Use Only Data Validation Time Stamp: Feb 9, 2008 1:32 PM('As Approved' Version)						

TOPOGRAPHIC LAND SURVEYORS OF TEXAS

Surveying and Mapping for the Energy Industry
2903 N. BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONES: (432) 682-1653 • (800) 767-1653 • FAX (432) 682-1743

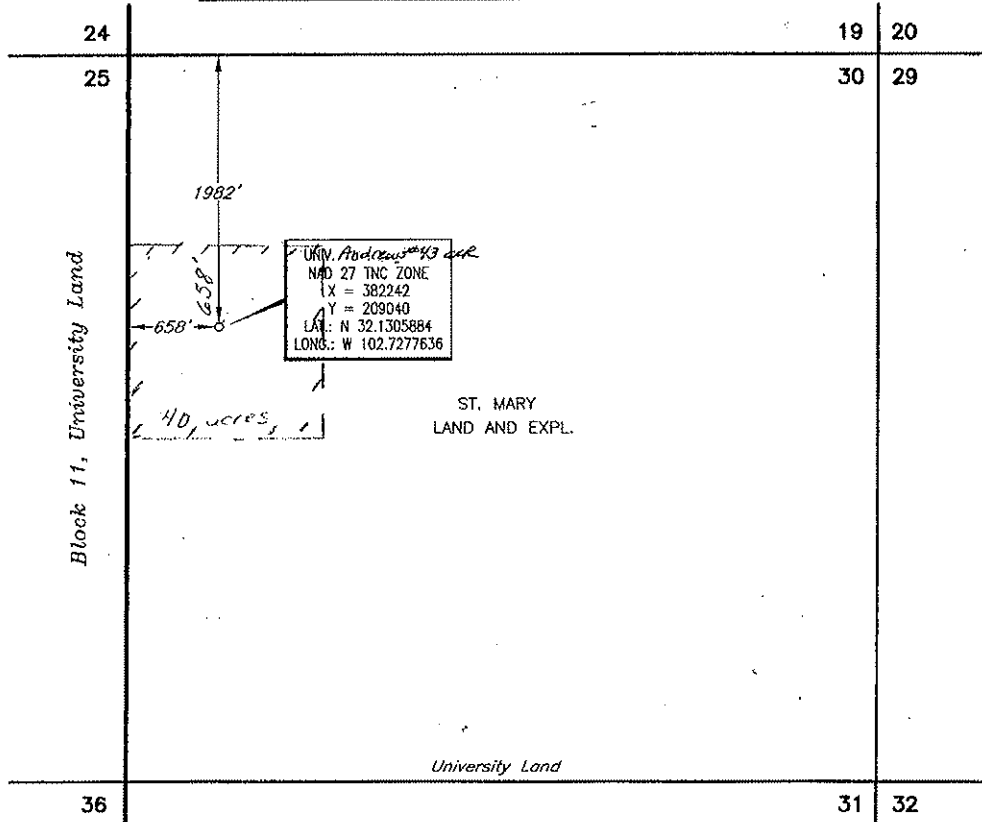
ANDREWS County, Texas

Description 1982' FNL & 658' FWL

SECTION 30, BLOCK 10, UNIVERSITY LAND SURVEY

*Amended
acreage/
lease lines
name*

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 current T.B.P.L.S. Minimum Standards of Procedures for Boundary Surveys.

Scale: 1" = 1000'

Date Staked NOVEMBER 6, 2007

SCALE: 1" = 1000'
0' 500' 1000'

Operator ST. MARY LAND AND EXPL.

Lease Name & Well No. UNIVERSITY Andrews #43

Plug back to title

Ground Elev. 3251' Reference Stakes or NONE

Cold Phillips Univ Andrews #43

Alternate Location

Good Drill Site? YES

Stakes Set

±16.8 MILES SOUTHWEST OF ANDREWS, TEXAS

Topography & Vegetation EXISTING WELL PAD

Best Accessibility to Location FROM LEASE ROAD EAST & WEST OF THE LOCATION

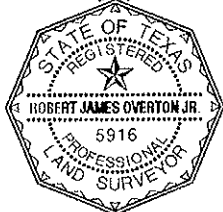
Distance & Direction

from Hwy Jct. or Town FROM JCT. OF HWY 181 & COYOTE CORNER ROAD, GO NORTH 2.1 MILES ON HWY.

181, THENCE EAST 0.3 MILES ON LEASE ROAD, THENCE SOUTH 0.5 MILES, THENCE WEST 0.2 MILES TO

WELL #2003 43

Initially permitted University is NW #2003 A-Plugback #649607 4000' TD



CERTIFICATION:

I, Robert J. Overton Jr., 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.

Robert J. Overton Jr.

Texas Reg. No. 5916

Invoice # 129126/726NW
E.U.O.

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 649607	DATE PERMIT ISSUED OR AMENDED (AMENDED) Feb 09, 2008	DISTRICT * 08
API NUMBER 42-003-04646	FORM W-1 RECEIVED Dec 26, 2007	COUNTY ANDREWS
TYPE OF OPERATION RECOMPLETION	WELLBORE PROFILE(S) Vertical	ACRES 40
OPERATOR ST. MARY LAND & EXPLORATION CO. 810874		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: (432) 684-5581
LEASE NAME UNIVERSITY ANDREWS		WELL NUMBER 43
LOCATION 16.8 miles SW direction from ANDREWS		TOTAL DEPTH 4000
Section, Block and/or Survey SECTION ◀ 30 BLOCK ◀ 10 ABSTRACT ◀ SURVEY ◀ UL		
DISTANCE TO SURVEY LINES 658 ft. WEST 1982 ft. NORTH		DISTANCE TO NEAREST LEASE LINE 658 ft.
DISTANCE TO LEASE LINES 658 ft. WEST 658 ft. NORTH		DISTANCE TO NEAREST WELL ON LEASE See FIELD(s) Below
FIELD(s) and LIMITATIONS: * SEE FIELD DISTRICT FOR REPORTING PURPOSES *		
FIELD NAME LEASE NAME	ACRES NEAREST LEASE	DEPTH NEAREST LEASE
	WELL # NEAREST WE	DIST
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EMBAR (YATES)	40.00	3,200
UNIVERSITY ANDREWS	658	0
		43
		08

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.