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|--|--|--|--|---|--|--|
| API No. <u>42-003-04694</u> Drilling Permit # <u>649934</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> | | | <div style="font-size: 1.2em; font-weight: bold;">44569 - SE14</div> 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 D</div> | | 5. Well No. <div style="text-align: center;">87</div> | | | | |
| GENERAL INFORMATION | | | | | | |
| 6. Purpose of filing (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input type="checkbox"/> New Drill <input checked="" type="checkbox"/> Recompletion <input type="checkbox"/> Reclass <input type="checkbox"/> Field Transfer <input type="checkbox"/> Re-Enter </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input checked="" type="checkbox"/> Amended <input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D) </div> | | | | | | |
| 7. Wellbore Profile (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Horizontal (Also File Form W-1H) <input type="checkbox"/> Directional (Also File Form W-1D) <input type="checkbox"/> Sidetrack </div> | | | | | | |
| 8. Total Depth <div style="text-align: center;">3950</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>17.8</u> miles in a <u>S</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;">36</div> | 16. Block <div style="text-align: center;">11</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;">606 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>606</u> ft from the <u>WEST</u> line and <u>649</u> ft from the <u>NORTH</u> line. | | 22. Survey Perpendiculars: <u>1991</u> ft from the <u>SOUTH</u> line and <u>2034</u> ft from the <u>EAST</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 Jan 7, 2008 3:15 PM]: Need to amend acreage to 40 acres. | | | 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; margin-top: 20px;"> <div> <u>Ann Ritchie</u> Name of filer </div> <div> <u>Jan 07, 2008</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: Apr 14, 2008 4:24 PM(Current Version) | | | | | | |

TOPOGRAPHIC LAND SURVEYORS OF TEXAS

Surveying and Mapping for the Energy Industry

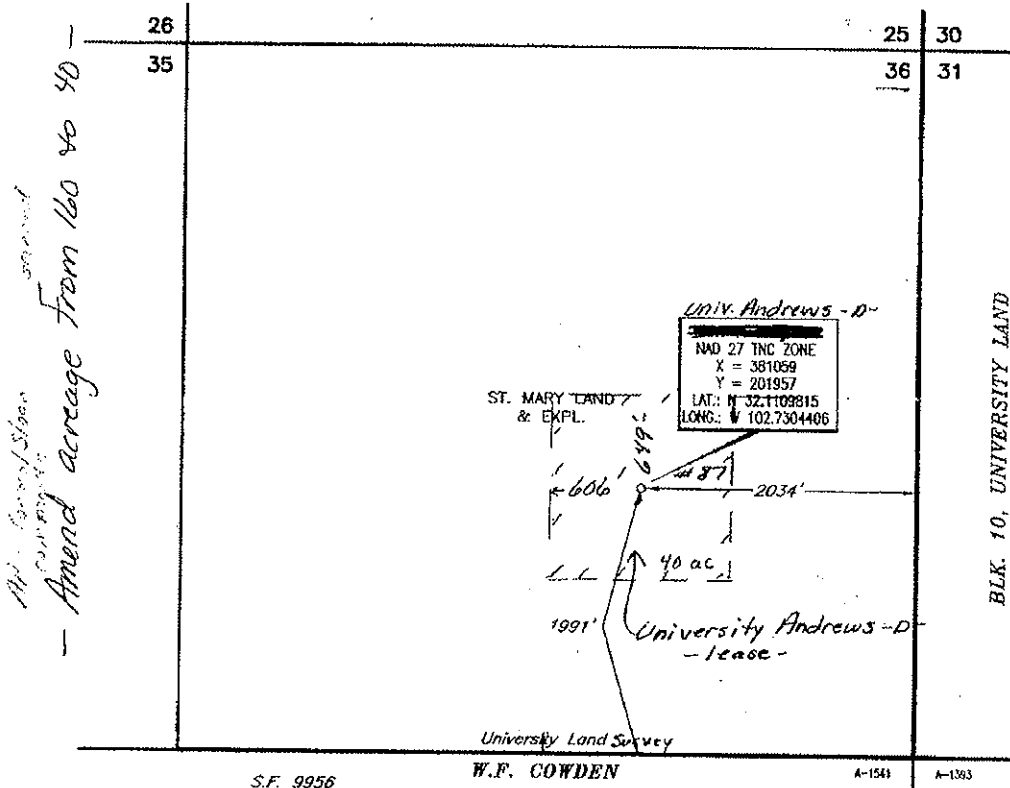
2903 N. 6th SPRING • MIDLAND, TEXAS 79705
TELEPHONES: (432) 682-1853 • (800) 767-1853 • FAX (432) 682-1743

ANDREWS County, Texas

Description 1991' FSL & 2034' FFL

SECTION 25 BLOCK 11, UNIVERSITY LAND

NAD 27 GRID COORDINATES



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&EPLS Minimum Standards of Procedure for Boundary Surveys.

Date Staked NOVEMBER 6, 2007

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

Operator ST. MARY LAND & EXPL.

Lease Name & Well No. UNIVERSITY 44 OF #3602 University Andrews, well #87

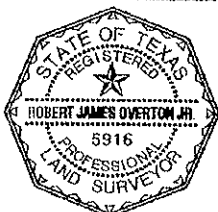
Ground Elev. 3250' Reference Stokes or NONE

Good Drill Site? YES Alternate Location Stakes Set ±17.8 MILES SOUTH OF ANDREWS, TEXAS

Topography & Vegetation EXISTING WELL PAD Plug back

Best Accessibility to Location FROM N-S LEASE ROAD EAST OF WELL

Distance & Direction from Hwy Jct. or Town FROM THE JCT. OF HWY. 181 & COYOTE CORNER ROAD, GO NORTH 0.4 MILES ON HWY. 181, THENCE WEST 0.3 MILES TO WELL #3602.



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 # 129125/726NW
L.A.S.

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 649934 | DATE PERMIT ISSUED OR AMENDED (AMENDED) Apr 01, 2008 | DISTRICT * 08 | |
| API NUMBER 42-003-04694 | FORM W-1 RECEIVED Jan 07, 2008 | 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 D | | WELL NUMBER 87 | |
| LOCATION 17.8 miles S direction from ANDREWS | | TOTAL DEPTH 3950 | |
| Section, Block and/or Survey SECTION ◀ 36 BLOCK ◀ 11 ABSTRACT ◀ SURVEY ◀ UL | | | |
| DISTANCE TO SURVEY LINES 1991 ft. SOUTH 2034 ft. EAST | | DISTANCE TO NEAREST LEASE LINE 606 ft. | |
| DISTANCE TO LEASE LINES 606 ft. WEST 649 ft. NORTH | | DISTANCE TO NEAREST WELL ON LEASE See FIELD(s) Below | |
| FIELD(s) and LIMITATIONS: <p align="center">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</p> | | | |
| FIELD NAME LEASE NAME | | ACRES NEAREST LEASE | DEPTH WELL # NEAREST WE DIST |
| ----- | | ----- | ----- |
| EMBAR (YATES) | | 40.00 | 3,200 87 08 |
| UNIVERSITY ANDREWS D | | 606 | 0 |
| <p align="center">THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS</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> | | | |