

API No. <u>42-003-45756</u> Drilling Permit # <u>773026</u> SWR Exception Case/Docket No. <u>0285668</u> (R37)		<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> Permit Status: <b>Approved</b>	
1. RRC Operator No. <div style="text-align: center;">562560</div>		2. Operator's Name (as shown on form P-5, Organization Report) <div style="text-align: center;">MEWBOURNE OIL COMPANY</div>			3. Operator Address (include street, city, state, zip) <div style="text-align: center;">BOX 7698 TYLER, TX 75711-0000</div>		
4. Lease Name <div style="text-align: center;">UNIVERSITY 'B11' '18'</div>		5. Well No. <div style="text-align: center;">3H</div>					
<b>GENERAL INFORMATION</b>							
6. Purpose of filing (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><input checked="" type="checkbox"/> New Drill</span> <span><input type="checkbox"/> Recompletion</span> <span><input type="checkbox"/> Reclass</span> <span><input type="checkbox"/> Field Transfer</span> <span><input type="checkbox"/> Re-Enter</span> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><input type="checkbox"/> Amended</span> <span><input type="checkbox"/> Amended as Drilled (BHL)(Also File Form W-1D)</span> </div>							
7. Wellbore Profile (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><input type="checkbox"/> Vertical</span> <span><input checked="" type="checkbox"/> Horizontal (Also File Form W-1H)</span> <span><input type="checkbox"/> Directional (Also File Form W-1D)</span> <span><input type="checkbox"/> Sidetrack</span> </div>							
8. Total Depth <div style="text-align: center;">8000</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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<b>SURFACE LOCATION AND ACREAGE INFORMATION</b>							
11. RRC District No. <div style="text-align: center;">08</div>		12. County <div style="text-align: center;">ANDREWS</div>		13. Surface Location <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><input checked="" type="checkbox"/> Land</span> <span><input type="checkbox"/> Bay/Estuary</span> <span><input type="checkbox"/> Inland Waterway</span> <span><input type="checkbox"/> Offshore</span> </div>			
14. This well is to be located <u>17.0</u> miles in a <u>SW</u> direction from <u>Frankel City</u> which is the nearest town in the county of the well site.							
15. Section <div style="text-align: center;">18</div>	16. Block <div style="text-align: center;">11</div>	17. Survey <div style="text-align: center;">UNIVERSITY LANDS</div>	18. Abstract No.	19. Distance to nearest lease line: <u>578.0</u> ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <u>925.2</u>		
21. Lease Perpendiculars: <u>100.0</u> ft. from the <u>NORTH</u> line and <u>700.0</u> ft. from the <u>WEST</u> line. 22. Survey Perpendiculars: <u>100.0</u> ft. from the <u>NORTH</u> line and <u>700.0</u> ft. from the <u>WEST</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			
<b>FIELD INFORMATION      List all fields of anticipated completion including Wildcat. List one zone per line.</b>							
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	02596820	ANDECTOR (WICHITA ALBANY)	Oil Well	7167	1262.0	3	
08	00018001	WILDCAT	Oil or Gas Well	8000	0.0	1	
<b>BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS</b>							
<b>Remarks</b> [FILER 11/04/2013 10:09:47 AM]: SWR 37LL & SWR 37BW exceptions required. List of offsets attached. Description of other wells on lease attached.;				<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> <b>RRC User</b>            Name of filer _____             Phone _____         </div> <div> <div style="text-align: right;">11/04/2013</div> <div style="text-align: right;">Date Submitted</div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>_____</div> <div>_____</div> </div>			
<b>RRC Use Only      Date Validation Time Stamp:      Tue, 31 Dec 2013 11:44:31</b>							

## RAILROAD COMMISSION OF TEXAS

## FORM W-1H

Permit Status: Approved

*The RRC has not approved this application. Duplication or distribution of information is at the user's own risk.*

# **OIL & GAS DIVISION**

## **APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-**

*This facsimile W-1 was generated electronically from data submitted to the RRC.  
A certification of the automated data is available in the RRC's Austin office.*

**Supplemental Horizontal Well Information**

Permit # 773026  
Approved Date: 12/06/2013

1. RRC Operator No. 562560	2. Operator's Name (as shown on form P-5, Organization Report) MEWBORNE OIL COMPANY	3. Lease Name UNIVERSITY 'B11' '18'	4 Well No. 3H
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**Lateral Drainhole Location Information**

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

6. Section 19	7. Block 11	8. Survey UNIVERSITY LANDS	9. Abstract	10. County of BHL ANDREWS
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11. Terminus Lease Line Perpendiculars

3351.0 ft. from the SOUTH line and 700.0 ft. from the WEST line

12. Terminus Survey Line Perpendiculars

2000.0 ft. from the NORTH line and 700.0 ft. from the WEST line

13. Penetration Point Lease Line Perpendiculars

578.0 ft. from the NORTH line and 700.0 ft. from the WEST line

5. Field as shown on Form W-1 ANDECTOR (WICHITA ALBANY) ( Field # 02596820, RRC District 08 )

6. Section 19	7. Block 11	8. Survey UNIVERSITY LANDS	9. Abstract	10. County of BHL ANDREWS
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11. Terminus Lease Line Perpendiculars

3351.0 ft. from the SOUTH line and 700.0 ft. from the WEST line

12. Terminus Survey Line Perpendiculars

2000.0 ft. from the NORTH line and 700.0 ft. from the WEST line

13. Penetration Point Lease Line Perpendiculars

578.0 ft. from the NORTH line and 700.0 ft. from the WEST 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 773026	DATE PERMIT ISSUED OR AMENDED Dec 06, 2013	DISTRICT * 08			
API NUMBER 42-003-45756	FORM W-1 RECEIVED Nov 04, 2013	COUNTY ANDREWS			
TYPE OF OPERATION NEW DRILL	WELLBORE PROFILE(S) Horizontal	ACRES 925.2			
OPERATOR MEWBOURNE OIL COMPANY BOX 7698 TYLER, TX 75711		562560  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 'B11' '18'		WELL NUMBER 3H			
LOCATION 17 miles SW direction from FRANKEL CITY		TOTAL DEPTH 8000			
Section, Block and/or Survey SECTION ⤵ 18                      BLOCK ⤵ 11                      ABSTRACT ⤵ SURVEY ⤵ UNIVERSITY LANDS					
DISTANCE TO SURVEY LINES 100 ft. NORTH    700 ft. WEST		DISTANCE TO NEAREST LEASE LINE 578 ft.			
DISTANCE TO LEASE LINES 100 ft. NORTH    700 ft. WEST		DISTANCE TO NEAREST WELL ON LEASE See FIELD(s) Below			
FIELD(s) and LIMITATIONS: * SEE FIELD DISTRICT FOR REPORTING PURPOSES * ** THIS PERMIT IS GRANTED PURSUANT TO STATEWIDE RULE 37(h)(2)(A) ** CASE NO. 0285668					
FIELD NAME LEASE NAME		ACRES NEAREST LEASE	DEPTH NEAREST WE	WELL # NEAREST WE	DIST
** ANDECTOR (WICHITA ALBANY) UNIVERSITY 'B11' '18'		925.20 578	7,167	3H 1262	08
----- WELLBORE PROFILE(s) FOR FIELD: Horizontal -----					
RESTRICTIONS: This is a hydrogen sulfide field. Hydrogen Sulfide Fields with perforations must be isolated and tested per State Wide Rule 36 and a Form H-9 filed with the district office. Fields with SWR 10 authority to downhole commingle must be isolated and tested individually prior to commingling production.  Lateral: TH1 Penetration Point Location Lease Lines: 578.0 F NORTH L 700.0 F WEST L  Terminus Location BH County: ANDREWS Section: 19                      Block: 11                      Abstract: Survey: UNIVERSITY LANDS Lease Lines: 3351.0 F SOUTH L 700.0 F WEST L Survey Lines: 2000.0 F NORTH L 700.0 F WEST L					
WILDCAT UNIVERSITY 'B11' '18'		925.20 578	8,000	3H 0	08
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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 773026	DATE PERMIT ISSUED OR AMENDED Dec 06, 2013	DISTRICT * 08
API NUMBER 42-003-45756	FORM W-1 RECEIVED Nov 04, 2013	COUNTY ANDREWS
TYPE OF OPERATION NEW DRILL	WELLBORE PROFILE(S) Horizontal	ACRES 925.2
OPERATOR MEWBOURNE OIL COMPANY BOX 7698 TYLER, TX 75711 562560		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 'B11' '18'		WELL NUMBER 3H
LOCATION 17 miles SW direction from FRANKEL CITY		TOTAL DEPTH 8000
Section, Block and/or Survey SECTION ⤵ 18                      BLOCK ⤵ 11                      ABSTRACT ⤵ SURVEY ⤵ UNIVERSITY LANDS		
DISTANCE TO SURVEY LINES 100 ft. NORTH    700 ft. WEST		DISTANCE TO NEAREST LEASE LINE 578 ft.
DISTANCE TO LEASE LINES 100 ft. NORTH    700 ft. WEST		DISTANCE TO NEAREST WELL ON LEASE See FIELD(s) Below
FIELD(s) and LIMITATIONS: * SEE FIELD DISTRICT FOR REPORTING PURPOSES * ** THIS PERMIT IS GRANTED PURSUANT TO STATEWIDE RULE 37(h)(2)(A) ** CASE NO. 0285668		
FIELD NAME LEASE NAME		ACRES      DEPTH      WELL #      DIST NEAREST LEASE      NEAREST WE
WELLBORE PROFILE(s) FOR FIELD: Horizontal -----		
RESTRICTIONS: This is a hydrogen sulfide field. Hydrogen Sulfide Fields with perforations must be isolated and tested per State Wide Rule 36 and a Form H-9 filed with the district office. Fields with SWR 10 authority to downhole commingle must be isolated and tested individually prior to commingling production.  Lateral: TH1 Penetration Point Location Lease Lines:                      578.0 F NORTH L 700.0 F WEST L  Terminus Location BH County: ANDREWS Section: 19                      Block: 11                      Abstract: Survey: UNIVERSITY LANDS Lease Lines:                      3351.0 F SOUTH L 700.0 F WEST L Survey Lines:                      2000.0 F NORTH L 700.0 F WEST L		
'**' PRECEDING FIELD NAME INDICATES RULE (R37)		
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.		



Groundwater  
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date **November 8, 2013**

GAU File No.: SC- **16173**

\*\*\*\*\* EXPEDITED APPLICATION \*\*\*\*\*

API Number **00300000**

Attention: **REBECCA DUNN**

RRC Lease No. **000000**

SC\_562560\_00300000\_000000\_16173.pdf

MEWBOURNE OIL CO  
P O BOX 7698  
TYLER TX 75711

--Measured--

700 ft FWL

100 ft FNL

MRL: SECTION

Digital Map Location:

X-coord/Long **102.83567**

Y-coord/Lat **32.14107**

Datum **83**

Zone

P-5# 562560

County **ANDREWS**

Lease & Well No. **UNIVERSITY B11 -18- #3H&ALL**

Purpose **ND**

Location **SUR-UL, BLK-11, SEC-18, --[TD=8000], [RRC 10],**

To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Texas Railroad Commission recommends:

The interval from the land surface to a depth of 300 feet and the ZONE from 1000 feet to 1400 feet must be protected.

This recommendation is applicable to all wells drilled in this NW 1/4 SECTION 18 ON THIS LEASE.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area wide use. This recommendation is intended for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).

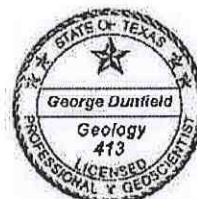
If you have any questions, please contact us at 512-463-2741, [gau@rrc.state.tx.us](mailto:gau@rrc.state.tx.us), or by mail.

Sincerely,

  
George Dunfield, P.G.

Digitally signed by George Dunfield  
DN: cn=US, st=TEXAS, o=Austin, ou=RRC  
Commission of Texas, ou=Groundwater  
Advisory Unit, ou=George Dunfield,  
email=george.dunfield@rrc.state.tx.us  
Date: 2013.11.08 18:25:15 -0600

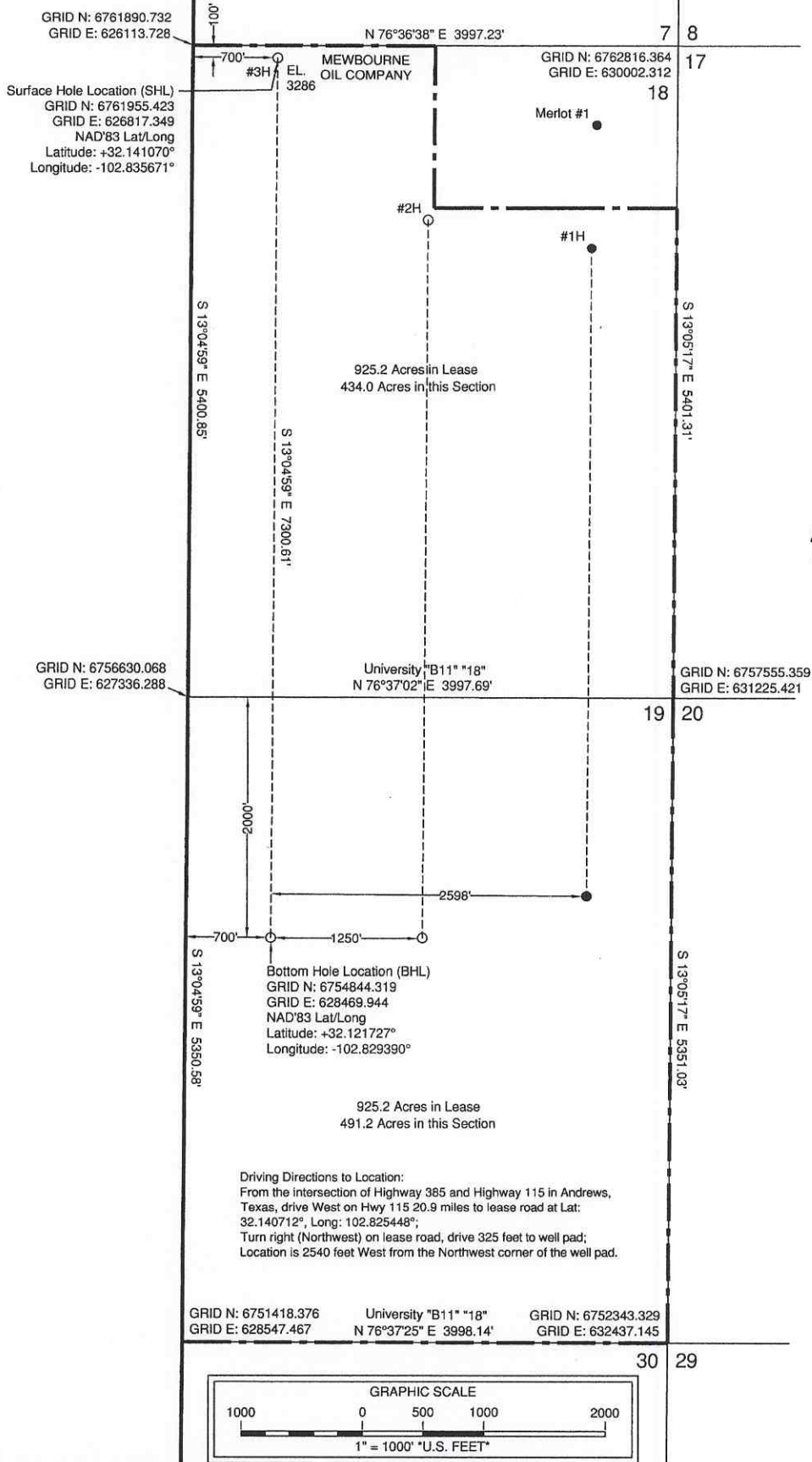
GEOLOGIST SEAL



Geologist, Groundwater Advisory Unit  
Oil & Gas Division

The seal appearing on this document was authorized by George Dunfield on 11/8/2013  
Note: Alteration of this electronic document will invalidate the digital signature.

Block 11, University Lands Survey  
Andrews County, Texas



Note: Well location is 17.0 miles South-Southwest of the city of Frankel City, Texas.  
 Note: Survey Reconstruction filed in the Office of Pennell & Marlowe Land Surveyors, Inc.  
 Note: Acreages shown have been converted to surface acreages.  
 Note: Bearings and distances are based on The Texas Coordinate System of 1983, North Central Zone.  
 Note: Coordinates shown herein are on The Texas Coordinate System of 1983, North Central Zone.



*Stephen P. Marlowe*  
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 5715



May 3, 2011

11050387

USGS Quadrangle Sheets: Sand Ranch & Bedford Ranch, Tex.

Railroad Commission Permit Plat

MEWBOURNE OIL COMPANY

University "B11" "18" #3H

100' FROM NORTH LINE

700' FROM WEST LINE  
University "R11" "18" Lease

University "B11" - 18" Lease  
925.2 Acres being all, Save & Except the  
N/2 NE/4, of Section 18 & all of

Section 19, Block 11

University Lands Survey  
 Andrew G. ...

Andrews County, Texas

Scale: 1" = 1000'