

API No. <u>42-003-47198</u> Drilling Permit # <u>808508</u> SWR Exception Case/Docket No. _____		RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <small>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.</small>				FORM W-1 07/2004 Permit Status: Approved	
1. RRC Operator No. 172232		2. Operator's Name (as shown on form P-5, Organization Report) CONOCOPHILLIPS COMPANY			3. Operator Address (include street, city, state, zip): ATTN ALVA FRANCO P10-03-3002 600 NORTH DAIRY ASHFORD HOUSTON, TX 77079-0000		
4. Lease Name UNIVERSITY -UA-			5. Well No. 5				
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 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							
8. Total Depth 9000		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 ANDREWS		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</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 24		16. Block 11		17. Survey UL		18. Abstract No. A-U344	
				19. Distance to nearest lease line: 1195 ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: 160	
21. Lease Perpendiculars: <u>1270</u> ft from the <u>NORTH</u> line and <u>1195</u> ft from the <u>EAST</u> line. 22. Survey Perpendiculars: <u>1270</u> ft from the <u>NORTH</u> line and <u>1195</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	
08	57774275	MARTIN (CONSOLIDATED)			Oil or Gas Well	8400	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS							
<u>Remarks</u> [RRC STAFF Jul 21, 2015 2:12 PM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Jul 23, 2015 8:19 AM]: Problems identified with this permit are resolved.					<u>Certificate:</u> I certify that information stated in this application is true and complete, to the best of my knowledge. <u>Colleen Reda, Regulatory Specialist</u> <u>Jul 16, 2015</u> Name of filer Date submitted <u>(281)2065219</u> <u>Colleen.Redata@contractor.cop.com</u> Phone E-mail Address (OPTIONAL)		
RRC Use Only Data Validation Time Stamp: Jul 27, 2015 8:44 AM(Current Version)							

**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 <div style="text-align: right;">808508</div>	DATE PERMIT ISSUED OR AMENDED <div style="text-align: center;">Jul 23, 2015</div>	DISTRICT <div style="text-align: center;">* 08</div>																					
API NUMBER <div style="text-align: right;">42-003-47198</div>	FORM W-1 RECEIVED <div style="text-align: center;">Jul 16, 2015</div>	COUNTY <div style="text-align: center;">ANDREWS</div>																					
TYPE OF OPERATION <div style="text-align: center;">NEW DRILL</div>	WELLBORE PROFILE(S) <div style="text-align: center;">Vertical</div>	ACRES <div style="text-align: center;">160</div>																					
OPERATOR <div style="text-align: right;">172232</div> <div style="text-align: center;">CONOCOPHILLIPS COMPANY</div> ATTN ALVA FRANCO P10-03-3002 600 NORTH DAIRY ASHFORD HOUSTON, TX 77079-0000		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: <div style="text-align: center;">(432) 684-5581</div>																					
LEASE NAME <div style="text-align: center;">UNIVERSITY -UA-</div>		WELL NUMBER <div style="text-align: center;">5</div>																					
LOCATION <div style="text-align: center;">16 miles SW direction from ANDREWS</div>		TOTAL DEPTH <div style="text-align: center;">9000</div>																					
Section, Block and/or Survey <div style="display: flex; justify-content: space-between;"> <div>SECTION ◀ 24</div> <div>BLOCK ◀ 11</div> <div>ABSTRACT ◀ U344</div> </div> <div style="display: flex; justify-content: space-between;"> <div>SURVEY ◀ UL</div> <div></div> <div></div> </div>																							
DISTANCE TO SURVEY LINES <div style="text-align: center;">1270 ft. NORTH 1195 ft. EAST</div>		DISTANCE TO NEAREST LEASE LINE <div style="text-align: center;">1195 ft.</div>																					
DISTANCE TO LEASE LINES <div style="text-align: center;">1270 ft. NORTH 1195 ft. EAST</div>		DISTANCE TO NEAREST WELL ON LEASE <div style="text-align: center;">See FIELD(s) Below</div>																					
FIELD(s) and LIMITATIONS: <div style="text-align: center;">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</div>																							
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">FIELD NAME LEASE NAME</th> <th style="text-align: center;">ACRES NEAREST LEASE</th> <th style="text-align: center;">DEPTH</th> <th style="text-align: center;">WELL # NEAREST WE</th> <th style="text-align: center;">DIST</th> </tr> </thead> <tbody> <tr> <td colspan="5"><hr style="border-top: 1px dashed black;"/></td> </tr> <tr> <td>MARTIN (CONSOLIDATED)</td> <td style="text-align: center;">160.00</td> <td style="text-align: center;">8,400</td> <td style="text-align: center;">5</td> <td style="text-align: center;">08</td> </tr> <tr> <td>UNIVERSITY -UA-</td> <td style="text-align: center;">1195</td> <td></td> <td style="text-align: center;">927</td> <td></td> </tr> </tbody> </table>				FIELD NAME LEASE NAME	ACRES NEAREST LEASE	DEPTH	WELL # NEAREST WE	DIST	<hr style="border-top: 1px dashed black;"/>					MARTIN (CONSOLIDATED)	160.00	8,400	5	08	UNIVERSITY -UA-	1195		927	
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UNIVERSITY -UA-	1195		927																				
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.																							
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.																							
This well must comply to the new SWR 3.13 requirements concerning the isolation of any potential flow zones and zones with corrosive formation fluids. See approved permit for those formations that have been identified for the county in which you are drilling the well in.																							

RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION
SWR #13 Formation Data

ANDREWS (003) County

Formation	Shallow Top	Deep Top	Remarks	Geological Order	Effective Date
YATES	2,500	3,200		1	12/17/2013
SEVEN RIVERS	3,000	3,000		2	12/17/2013
QUEEN	3,600	4,800		3	12/17/2013
GRAYBURG	3,100	5,000		4	12/17/2013
SAN ANDRES	3,700	5,300	CO2 flood, high flows, H2S, corrosive	5	12/17/2013
HOLT	5,000	5,500		6	12/17/2013
GLORIETA	5,100	6,000		7	12/17/2013
TUBB	6,100	6,300		8	12/17/2013
CLEARFORK	5,600	7,600		9	12/17/2013
PERMIAN DETRITAL	7,800	7,900		10	12/17/2013
LEON	7,900	7,900		11	12/17/2013
WICHITA ALBANY	6,500	8,100		12	12/17/2013
SPRABERRY	7,300	8,600		13	12/17/2013
DEAN	9,200	9,500		14	12/17/2013
WOLFCAMP	7,500	9,900		15	12/17/2013
CANYON	8,600	10,200		16	12/17/2013
PENNSYLVANIAN	8,700	10,200		17	12/17/2013
MCKEE	8,300	10,600		18	12/17/2013
STRAWN	8,800	11,000		19	12/17/2013
FUSSELMAN	8,400	11,900		20	12/17/2013
DEVONIAN	7,600	12,500		21	12/17/2013
SILURIAN	8,000	12,500		22	12/17/2013
ELLENBURGER	7,900	13,900		23	12/17/2013

The above list may not be all inclusive, and may also include formations that do not intersect all wellbores. Formation "TOP" information listed reflects an estimated range based on geologic variances across the county. To clarify, the "Deep Top" is not the bottom of the formation; it is the deepest depth at which the "TOP" of the formation has been or might be encountered. This is a dynamic list subject to updates and revisions. It is the operator's responsibility to make sure that at the time of spudding the well the most current list is being referenced. Refer to the RRC website at the following address for the most recent information.
<http://www.rrc.state.tx.us/oil-gas/compliance-enforcement/rule-13-geologic-formation-info>

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date April 30, 2012

GAU File No.: SC- 15176

***** EXPEDITED APPLICATION *****

API Number 00300000

Attention: KATHY THOMASSON

RRC Lease No. 000000

SC_172232_00300000_000000_15176.pdf

CONOCOPHILLIPS CO
PO BOX 51810
MIDLAND TX 79710

--Measured--

1195 ft FEL

1270 ft FNL

MRL: SURVEY

Digital Map Location:

X-coord/Long 102.73900

Y-coord/Lat 32.14540

Datum 83

Zone

P-5# 172232

County ANDREWS

Lease & Well No. UNIVERSITY UA #5&ALL (6)

Purpose ND

Location SUR-UL, BLK-11, SEC-24, -- [TD=7500], [RRC 8],

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 250 feet and the ZONE from 925 feet to 1300 feet must be protected.

This recommendation is applicable to all wells within a radius of 1000 FEET feet of this location.

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).

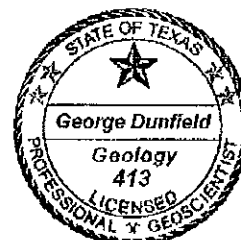
If you have any questions, please contact us at 512-463-2741, gau@rrc.state.tx.us, or by mail.

Sincerely,


Digitally signed by George Dunfield
DN: c=US, st=TEXAS, l=Austin,
o=Railroad Commission of Texas,
cn=George Dunfield,
email=george.dunfield@rrc.state.tx.us
Date: 2012.04.30 12:17:44 -05'00'

George Dunfield, P.G.

GEOLOGIST SEAL



Geologist, Groundwater Advisory Unit
Oil & Gas Division

The seal appearing on this document was authorized by George Dunfield on 4/30/2012
Note: Alteration of this electronic document will invalidate the digital signature.

