

Spd: 12/8/07 Serial: 3694 WCH 3864 105885-A11

API No. <u>42-475-35065</u> Application Status # <u>615464</u> SWR Exception Case/Docket No. <u>0246643</u> (R37)		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: Pending Approval <i>The RRC has not approved this application.</i> <i>Duplication or distribution of information is at the user's own risk.</i>	
1. RRC Operator No. <u>147715</u>		2. Operator's Name (as shown on form P-5, Organization Report) <u>CHESAPEAKE OPERATING, INC.</u>		3. Operator Address (include street, city, state, zip):		
4. Lease Name <u>UNIVERSITY 17-18</u>		5. Well No. <u>1 H</u>				
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 checked="" 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 <u>15000</u>		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. <u>08</u>		12. County <u>WARD</u>		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>2.4</u> miles in a <u>W</u> direction from <u>Pyote</u> which is the nearest town in the county of the well site.						
15. Section <u>18</u>	16. Block <u>17</u>	17. Survey <u>UL</u>	18. Abstract No. <u>A-</u>	19. Distance to nearest lease line: <u>467</u> ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <u>640.7</u>	
21. Lease Perpendiculars: <u>1320</u> ft from the <u>E</u> line and <u>1435</u> ft from the <u>S</u> line.		22. Survey Perpendiculars: <u>1320</u> ft from the <u>E</u> line and <u>1435</u> ft from the <u>S</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	32. Number of Wells on this lease in this Reservoir
08	74050166	R. O. C. (ATOKA)	Oil or Gas Well	12264	0.00	1
08	77830700	RODGERS (WOLFCAMP)	Gas Well	12954	0.00	1
08	00018001	WILDCAT	Oil or Gas Well	15000	0.00	1
08	00392037	ABRAXAS (BONE SPRING)	Oil Well	10056	0.00	1
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)						
Remarks [FILER Jan 15, 2007 10:18 AM]: Amended to a horizontal well, Rule 37 NOA			Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge.			
RRC Use Only			Name of filer <u>Bill Spencer</u> Date submitted <u>Jan 15, 2007</u> <u>(512)9181062</u> <u>bgsaustin@sbcglobal.net</u> Phone E-mail Address (OPTIONAL)			

Permit Status: Pending Approval

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**RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION**

APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER

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W-1 Supplemental Field Data

07/2004

Status # 615464

Approved Date:

1. RRC Operator No. 147715	2. Operator's Name (exactly as shown on form P-5, Organization Report) CHESAPEAKE OPERATING, INC.	3. Lease Name UNIVERSITY 17-18	4. County WARD
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ADDITIONAL FIELD INFORMATION (continued from Page 1)

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	09288500	BLOCK 17, SOUTHEAST (DELAWARE)	Oil or Gas Well	5003	0.00	1
08	15499380	CAPRITO (DELAWARE MIDDLE)	Oil or Gas Well	5554	0.00	1
08	74050865	R. O. C. (WOLFCAMP)	Oil Well	10389	0.00	1

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**RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION**

Form W-1H 07/2004
Supplemental Horizontal Well Information

APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER

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Lateral Drainhole Location Information				
5. Field as shown on Form W-1 RODGERS (WOLFCAMP) (Field # 77830700, RRC District 08)				
6. Section 18	7. Block 17	8. Survey UL	9. Abstract	10. County of BHL WARD
11. Terminus Lease Line Perpendiculars 467 ft. from the N line. and 1320 ft. from the E line				
12. Terminus Survey Line Perpendiculars 467 ft. from the N line. and 1320 ft. from the E line				
13. Penetration Point Lease Line Perpendiculars 1535 ft. from the S line. and 1320 ft. from the E line				
5. Field as shown on Form W-1 R. O. C. (ATOKA) (Field # 74050166, RRC District 08)				
6. Section 18	7. Block 17	8. Survey UL	9. Abstract	10. County of BHL WARD
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5. Field as shown on Form W-1 WILDCAT (Field # 00018001, RRC District 08)				
6. Section 18	7. Block 17	8. Survey UL	9. Abstract	10. County of BHL WARD
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Form W-1H 07/2004
Supplemental Horizontal Well Information

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Lateral Drainhole Location Information

5. Field as shown on Form W-1 ABRAXAS (BONE SPRING) (Field # 00392037, RRC District 08)

6. Section 18	7. Block 17	8. Survey UL	9. Abstract	10. County of BHL WARD
11. Terminus Lease Line Perpendiculars 467 ft. from the N line. and 1320 ft. from the E line				
12. Terminus Survey Line Perpendiculars 467 ft. from the N line. and 1320 ft. from the E line				
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5. Field as shown on Form W-1 BLOCK 17, SOUTHEAST (DELAWARE) (Field # 09288500, RRC District 08)

6. Section 18	7. Block 17	8. Survey UL	9. Abstract	10. County of BHL WARD
11. Terminus Lease Line Perpendiculars 467 ft. from the N line. and 1320 ft. from the E line				
12. Terminus Survey Line Perpendiculars 467 ft. from the N line. and 1320 ft. from the E line				
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5. Field as shown on Form W-1 CAPRITO (DELAWARE MIDDLE) (Field # 15499380, RRC District 08)

6. Section 18	7. Block 17	8. Survey UL	9. Abstract	10. County of BHL WARD
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OIL & GAS DIVISION**

Form W-1H 07/2004
Supplemental Horizontal Well Information

APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER

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Lateral Drainhole Location Information			
5. Field as shown on Form W-1 R. O. C. (WOLFCAMP) (Field # 74050865, RRC District 08)			
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SEE NOTE 6

N73°42'30"E - 5280.0'

CHESAPEAKE OPERATING, INC.

B.H.
Y=701825.5 N
X=1118601.4 E

PENETRATION POINT
Y=698673.3 N
X=1119521.9 E

GEODETIC COORDINATES
NAD 27 TXO
SURF
Y=698677.3 N
X=1119549.9 E

LAT.=31.556701° N
LONG.=103.160278° W

AZ = 307°45'33"
H. DIST = 3285.6'

UNIV. CONC. MON. W/B.P.

UNIVERSITY 17-18 #11H
GR. ELEV. = 2647.9'

cat

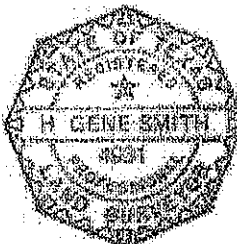
SEE NOTE 5

cat

APACHE

○ DENOTES PROPOSED WELL LOCATION
● DENOTES FOUND MONUMENT AS NOTED
⊙ DENOTES CALCULATED CORNER

1. THIS LOCATION IS APPROXIMATELY 2.4 MILES NORTHWEST OF PYTE, TEXAS.
2. SEE DOCUMENTS FILED FOR RECORD IN THIS OFFICE, WHICH DESCRIBES THE RECONSTRUCTION OF THIS SECTION.
3. BEARINGS SHOWN HEREON ARE LAMBERT GRID AND CONFORM TO THE "TEXAS COORDINATE SYSTEM" TEXAS CENTRAL ZONE, NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.
4. CALC. CORNER FROM WHICH A UNIV. MON. AT THE NEQ 4 BRG. N10°16'31"W 5282.6' AND N73°42'18"E 5280.2'.
5. CALC. CORNER FROM WHICH A UNIV. MON. AT THE SEC 3 BRG. N73°42'41"E 5279.8'.
6. CALC. CORNER FROM WHICH A UNIV. MON. AT THE NWC 17 BRG. N10°16'37"W 5282.3'.



UNIVERSITY 17-18 #1H
LOCATED 1435 FEET FROM THE SOUTH LINE
AND 1320 FEET FROM EAST LINE OF
SECTION 18, BLOCK 17,
UNIVERSITY LAND SURVEY,
WARD COUNTY, TEXAS



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PISO
HOUSTON, TEX. 77002
(713) 383-3117

Survey Date: 2/17/06	Sheet 1 of 1 Sheets
W.O. Number: 07130853	Drawn By: J.R. REV: 01/11/07
Date: 2/27/06 DISK:CD#6	07130053 Scale: 1"=100'

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 615464	DATE PERMIT ISSUED OR AMENDED (AMENDED) Feb 12, 2007	DISTRICT * 08
API NUMBER 42-475-35065	FORM W-1 RECEIVED Jan 15, 2007	COUNTY WARD
TYPE OF OPERATION NEW DRILL	WELLBORE PROFILE(S) Horizontal	ACRES 640.7
OPERATOR CHESAPEAKE OPERATING, INC.		147715 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 17-18		WELL NUMBER 1
LOCATION 2.4 miles W direction from PYOTE		TOTAL DEPTH 15000
Section, Block and/or Survey SECTION ◀ 18 BLOCK ◀ 17 ABSTRACT ◀ SURVEY ◀ UL		
DISTANCE TO SURVEY LINES 1320 ft. E 1435 ft. S		DISTANCE TO NEAREST LEASE LINE 467 ft.
DISTANCE TO LEASE LINES 1320 ft. E 1435 ft. S		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)(B) ** CASE NO. 0246643		
FIELD NAME LEASE NAME	ACRES NEAREST LEASE	DEPTH NEAREST WELL
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** R. O. C. (ATOKA)	640.70	12,264
UNIVERSITY 17-18	467	0

WELLBORE PROFILE(s) FOR FIELD: Horizontal		

RESTRICTIONS: Lateral: TH1 Penetration Point Location Lease Lines: 1535.0 F S L 1320.0 F E L Terminus Location BH County: WARD Section: 18 Block: 17 Abstract: Survey: UL Lease Lines: 467.0 F N L 1320.0 F E L Survey Lines: 467.0 F N L 1320.0 F E L		

** BLOCK 17, SOUTHEAST (DELAWARE)	640.70	5,003
UNIVERSITY 17-18	467	0

WELLBORE PROFILE(s) FOR FIELD: Horizontal		

RESTRICTIONS: This is a hydrogen sulfide field. This well shall be drilled in accordance with SWR 36. Lateral: TH1 Penetration Point Location		

RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

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RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

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TYPE OF OPERATION NEW DRILL	WELLBORE PROFILE(S) Horizontal	ACRES 640.7
OPERATOR CHESAPEAKE OPERATING, INC.		147715 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 17-18		WELL NUMBER 1
LOCATION 2.4 miles W direction from PYOTE		TOTAL DEPTH 15000
Section, Block and/or Survey SECTION ◀ 18 BLOCK ◀ 17 ABSTRACT ◀ SURVEY ◀ UL		
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FIELD NAME LEASE NAME	ACRES NEAREST LEASE	DEPTH NEAREST LEASE
WELL # NEAREST WELL	DIST DIST	
CAPRITO (DELAWARE MIDDLE)	640.70	5,554
UNIVERSITY 17-18	467	0

WELLBORE PROFILE(s) FOR FIELD: Horizontal		

RESTRICTIONS: This is a hydrogen sulfide field. This well shall be drilled in accordance with SWR 36. Lateral: TH1 Penetration Point Location Lease Lines: 1535.0 F S L 1320.0 F E L Terminus Location BH County: WARD Section: 18 Block: 17 Abstract: Survey: UL Lease Lines: 467.0 F N L 1320.0 F E L Survey Lines: 467.0 F N L 1320.0 F E L		

ABRAXAS (BONE SPRING)	640.70	10,056
UNIVERSITY 17-18	467	0

WELLBORE PROFILE(s) FOR FIELD: Horizontal		

RESTRICTIONS: This is a hydrogen sulfide field. This well shall be drilled in accordance with SWR 36. Lateral: TH1		

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RESTRICTIONS: This is a hydrogen sulfide field. This well shall be drilled in accordance with SWR 36. Lateral: TH1 Penetration Point Location Lease Lines: 1535.0 F S L 1320.0 F E L Terminus Location BH County: WARD Section: 18 Block: 17 Abstract: Survey: UL Lease Lines: 467.0 F N L																											

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 615464	DATE PERMIT ISSUED OR AMENDED (AMENDED) Feb 12, 2007	DISTRICT * 08
API NUMBER 42-475-35065	FORM W-1 RECEIVED Jan 15, 2007	COUNTY WARD
TYPE OF OPERATION NEW DRILL	WELLBORE PROFILE(S) Horizontal	ACRES 640.7
OPERATOR CHESAPEAKE OPERATING, INC. 147715		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 17-18		WELL NUMBER 1
LOCATION 2.4 miles W direction from PYOTE		TOTAL DEPTH 15000
Section, Block and/or Survey SECTION ◀ 18 BLOCK ◀ 17 ABSTRACT ◀ SURVEY ◀ UL		
DISTANCE TO SURVEY LINES 1320 ft. E 1435 ft. S		DISTANCE TO NEAREST LEASE LINE 467 ft.
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FIELD NAME LEASE NAME 1320.0 F E L Survey Lines: 467.0 F N L 1320.0 F E L		ACRES DEPTH WELL.# DIST NEAREST LEASE NEAREST WELL ** RODGERS (WOLFCAMP) 640.70 12,954 1 08 467 0 WELLBORE PROFILE(s) FOR FIELD: Horizontal
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' * ' PRECEDING FIELD NAME INDICATES RULE (R37) <p align="center">THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS</p>		

RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

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FIELD NAME	ACRES	DEPTH	WELL #	DIST								
LEASE NAME	NEAREST LEASE		NEAREST WELL									

APPLICATION FOR ALTERNATE SURFACE CASING PROGRAM
Statewide Rule 13(b)(2)(g)
RRC District 8/8A

Operator's Name and Address: CHESAPEAKE OPERATING, INC. 2010 RANKIN HWY MIDLAND, TX 79701	Lease: UNIVERSITY 17-18	Well No.: 1H
	Field: R.O.C. (ATOKA)	
	Drilling Permit No.: 615464	
	County: WARD	RRC District: 08
	Location: Sec. 18 Block 17 Sur. BL Twp.	
Proposed TD:		

Distance and Direction from nearest town: 2.4 MILES WEST FROM PYOTE

Proposed injection or disposal well? ☐ Yes ☒ No NOTE: Special conditions may apply. See PROVISIONS below.

Usable-quality water strata (as determined by TCEQ "Waterboard" letter) occur to a depth of 1050 ft, and from LS ft to 300 ft, and from ft to ft.

Note: Please submit copy of TCEQ "Waterboard" letter with this request. Request cannot be processed without this information.

Distance and direction of nearest water well (within 1/4 mile): about 1/2 mile

Type of water well (domestic, public, irrigation, stock, etc.): Depth:

Proposed Casing and Cementing Program

Note: You may attach a wellbore diagram or cementing proposal to this application.

This application is for (check applicable boxes): ☐ Short surface casing ☒ Excess surface casing ☐ No surface casing

The proposed surface casing depth: 4930' Multi-Stage tool depth (if applicable): 1500'

Intermediate or production casing depth: 11,700' (Est.) Multi-Stage tool depth (if applicable): N/A

Centralizer number and placement: 34, 3 on Shoe Track, 1 every 1/2 hr to DV, 1 every 3rd to the Surf.

Does the cement across the critical zone have 72-hr compressive strength of at least 1,200 psi? ☒ Yes ☐ No

Does the filler cement have 24-hr compressive strength of at least 250 psi? ☒ Yes ☐ No

Do you plan on circulating cement to the surface on all casing strings protecting usable-quality water? ☒ Yes ☐ No

Reason for this request: Standard Well Design for CMC Water acc. this well

was not included in the Extension Approval earlier in the year

PROVISIONS APPLICABLE TO RULE 13 EXCEPTIONS:

1. Caution: If this well is being drilled for injection or disposal purposes, an injection or disposal well permit may be denied unless surface casing is set and cemented through all zones of usable-quality groundwater.
2. Centralizers must be used through all usable-quality waters. Refer to Rule 13(b)(2)(F).
3. Notify District Office 8 hours prior to setting casing.

Signature: Daniel C. Overgaard Print Name: Daniel C. Overgaard Date: 12/5/07 Phone: (409) 767-4118
SR. DRILLING ENGINEER

IF CEMENT IS NOT CIRCULATED TO THE GROUND SURFACE AS REQUIRED BY THIS EXCEPTION, YOU MUST IMMEDIATELY CONTACT THE DISTRICT 8/8A OFFICE AT 432-684-5581, AND FOLLOW THE PROCEDURES AS SET OUT IN RULE 13(B)(2)(g)(III) OR AS RECOMMENDED BY THE DISTRICT OFFICE.

RRC Use Only

RRC District Office Action:		Date:
<input type="checkbox"/> Approved <input type="checkbox"/> Approved as Modified <input type="checkbox"/> Denied	By:	
Remarks/Modifications:		

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DEC 07 2007
O&G
MIDLAND

2077

DEPTH OF SAFE QUALITY GROUND WATER - PROTECTED

PLEASE
DO NOT STAPLE

PLEASE READ ALL INSTRUCTIONS

This form is requested or answered in order for the agency to provide an appropriate response. Please allow for receipt of this form in the office at least two weeks before the response is required. Due to the volume of these requests, it may be difficult for us to handle telephone inquiries. Complete, even the bottom sheet (90000000) for the top 3 sheets of the 4-sheet set of carbon-backed forms with a map to the address below. Our sheet bearing our response will be returned to you. Another copy will be sent to the appropriate district office of the Railroad Commission. Individuals are entitled to request and review their personal information that the agency gathers on us. If you also have any errors in their information corrected. To review such information, contact us at 512/239-3362. If you have questions on how to fill out this form or the Surface Casing program, please contact us at 512/239-6518.

Surface Casing - MC 151

Date 03/06/2008

TCEQ File No.: SC-

TCEQ

P.O. Box 13087

Austin, TX 78711-3088

Ms. Sophia Logan

Name of person preparing this request & phone No. (with area code)

Chesapeake Operating, Inc.

Company operator's name as on RRC form W-1)

P.O. Box 11050

Mailing address

Midland, Texas 79702-8050

City and State

ZIP Code

FOR TCEQ USE ONLY

ALWAYS INCLUDE A MAP SHOWING YOUR WELL SITE AND ALL SURROUNDING SURVEYS

FOLO

TYPE OR PRINT IN INK

County		Ward		Survey Name		UL	
Block		17		Township		Section or Survey No. 18 (or) Lot No.	
Abstract No. A-		LEASE Name		University 17-18		Well No. 1	
Distances, in feet, and directions measured at right angles from each of two intersecting <input checked="" type="checkbox"/> Section or <input type="checkbox"/> Survey lines							
(NORTH EAST LINES) 1320 feet from East line and 1435 feet from South line.							
Distance (in miles) and direction from a nearby town in this County (name the town)							
2.4 Northwest of Poyote							
THE ABOVE INFORMATION IN THIS BLOCK MUST BE COMPLETE AND CORRECT							
AP		RRC Lease No.		RRC Dist. No. 8			
GP		Elev. 2647.9		Total Depth 20000		Geologic Fm. at T.D. Atoka	
Purp. of the Request:		<input checked="" type="checkbox"/> New Drill <input type="checkbox"/> Re-entry <input type="checkbox"/> Plug & Abandon <input type="checkbox"/> Other (specify)		Previous File No. for this well: SC-			
Is this a recommended request?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
<input type="checkbox"/> Log included of same or nearby well (The applicable type of well log that shows the aquifers.) Please provide a location map or APW for							

ALWAYS attach the electric log of any well that is to be reentered.

Add the remarks:

To protect usable-quality ground water at this location, the TEXAS COMMISSION ON ENVIRONMENTAL QUALITY recommends:

FOLO

DO NOT WRITE HERE
FOR TCEQ USE ONLY

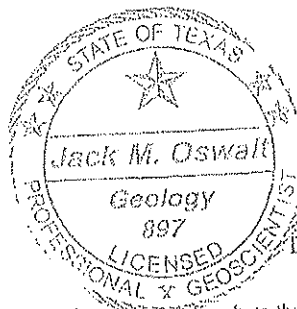
Very truly yours,



Geology, Surface Casing, TCEQ

NOT unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Approval of the well completion method for protection of this ground water falls under the jurisdiction of the Railroad Commission of Texas. This recommendation is intended for the normal drilling, production and plugging operations only. It does not apply to saltwater disposal operations into a nonproductive zone (RRC W-14)

TCEQ-0051 (Rev. 02-13-2003)



Date

March 6, 2008
typed by TCEQ

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CRAWFORD