

OKLAHOMA CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
P.O. BOX 52000  
OKLAHOMA CITY, OK 73152-2000  
(Rule 165:10-3-1)

API NUMBER: 153 23631

Approval Date: 08/14/2018  
Expiration Date: 02/14/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 25N Rge: 19W County: WOODWARD  
SPOT LOCATION:  SE  SE  SE  SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 180 283

Lease Name: DAREN MILLER 1-25-19 Well No: 1H Well will be 180 feet from nearest unit or lease boundary.  
Operator Name: CHESAPEAKE OPERATING LLC Telephone: 4059353425; 4059358 OTC/OCC Number: 17441 0

CHESAPEAKE OPERATING LLC  
PO BOX 18496  
OKLAHOMA CITY, OK 73154-0496

MILLER CATTLE COMPANY  
213840 EAST COUNTY ROAD 37  
MOORELAND OK 73852

Formation(s) (Permit Valid for Listed Formations Only):

Name	Depth	Name	Depth
1	MISSISSIPPIAN	6740	6
2			7
3			8
4			9
5			10

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201804869  
201804870  
201804871

Special Orders:

Total Depth: 11500 Ground Elevation: 1848 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 160

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 25000 Average: 8000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: MARLOW

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34840  
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.  
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

HORIZONTAL HOLE 1

Sec 01 Twp 25N Rge 19W County WOODWARD

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 150

Feet From: EAST 1/4 Section Line: 370

Depth of Deviation: 5917

Radius of Turn: 382

Direction: 359

Total Length: 4983

Measured Total Depth: 11500

True Vertical Depth: 6740

End Point Location from Lease,  
Unit, or Property Line: 150

Notes:

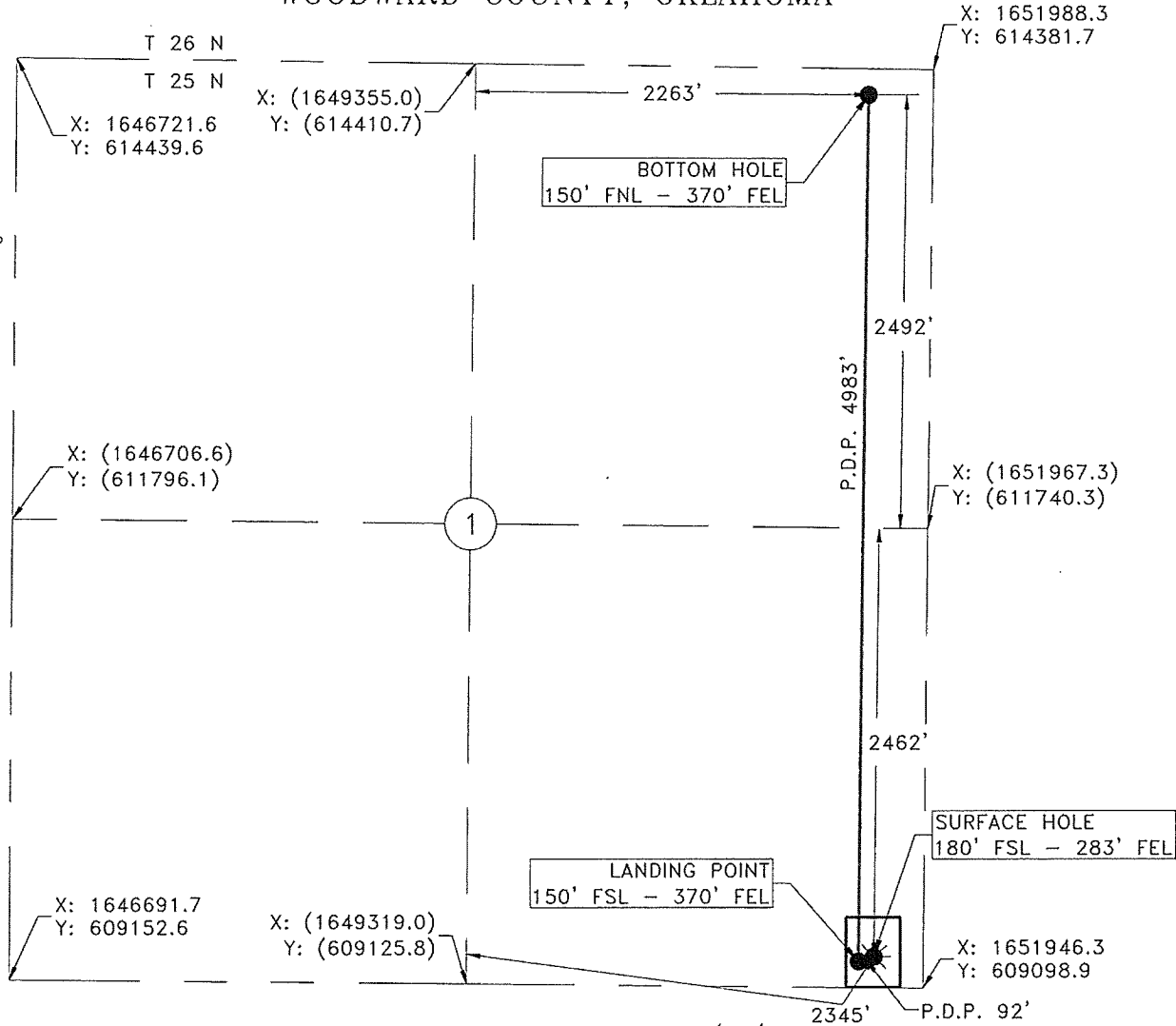
Category	Description
DEEP SURFACE CASING	7/30/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	7/30/2018 - G71 - OCC 165:10-3-10 REQUIRES:  1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;  2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a> ; AND,  3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a>
PENDING CD - 201804869	7/30/2018 - G57 - (640)(HOR) 1-25N-19W EST MSSP POE TO BHL NLT 660' FB (COEXIST W/ SP. ORDER 91284 CSTR, ORDER 255069 MRMC) REC 8-6-2018 (FOREMAN)
PENDING CD - 201804870	7/30/2018 - G57 - (I.O.) 1-25N-19W X201804869 MSSP COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 330' FEL NO OP. NAMED REC 8-6-2018 (FOREMAN)
PENDING CD - 201804871	7/30/2018 - G57 - (I.O.) 1-25N-19W X165:10-3-28(C)(2)(B) MSSP (DAREN MILLER 1-25-19 1H) MAY BE CLOSER THAN 600' FROM THE KARYN SUE 1-1, MILLER CATTLE 3-1, MILLER CATTLE 4-1 NO OP. NAMED REC 8-6-2018 (FOREMAN)

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Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

153 23631 DAREN MILLER 1-25-19 1H

SECTION 1, T 25 N - R 19 W, I.M.,  
WOODWARD COUNTY, OKLAHOMA

BEARINGS ARE GRID  
OKLAHOMA SPC, NAD 27, NORTH ZONE



Operator: CHESAPEAKE OPERATING, L.L.C. Date Staked: 02/15/18  
 Lease Name: DAREN MILLER 1-25-19 Well No.: 1H Elevation: 1848'  
 Topography and Vegetation: CULTIVATED FIELD  
 Good Drill Site? YES Reference or Alt. Location Stakes Set: NONE  
 Best Accessibility to Location: FROM LEASE ROAD  
 Distance and Direction from Hwy. Jct. or town: FROM FREEDOM HEAD SOUTH ON ST. HWY 50 FOR 7 MILES, TURN WEST ON CO. RD. E0230 FOR .8 MILES, TURN SOUTH ON CO. RD. N2150 FOR .6 MILES, TURN WEST ON LEASE ROAD, CONTINUE IN A SOUTHERLY DIRECTION INTO LOCATION.

**LEGEND**  
 SURFACE LOCATION \*  
 EXISTING WELL \*  
 PROPOSED DRILL PATH - - -  
 EXISTING PIPELINE - M-M-M-M-M-M-M-M-  
 ELECTRIC LINE - E-E-E-E-E-E-E-E-E-  
 OVERHEAD POWER - O-P-O-P-O-P-O-P-O-P-O-P-  
 FENCE - X-X-X-X-X-X-X-X-X-X-

Chesapeake Operating, L.L.C. Chesapeake ENERGY

Gateway Gateway Services Group, LLC  
 PO, BOX 960  
 MEEKER, OK 74855  
 OFF. (405) 273-0954  
 FAX (405) 273-0580  
 C.A. NO. 4091 (LS)  
 EXP. DATE 6-30-2018

*Fred A. Selensky*  
 FRED ANTHONY SELENSKY  
 OKLAHOMA L.P.L.S. NO.: 1860  
 DATE: 4-20-2018



**NOTE:**  
 This is a plat of a proposed well location and does not represent a true boundary survey. The information shown hereon shall not be relied upon for the location or establishment of land boundary lines. All of the positions shown hereon have not been verified as being actual Section, Quarter or Property corners. Positions shown in (Parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distances. Review this plat and notify Gateway Services Group, LLC immediately of any possible discrepancy.

**EXHIBIT "A" PRELIMINARY**  
 DAREN MILLER 1-25-19 1H  
 180' FSL - 283' FEL  
 SECTION 1, T 25 N - R 19 W, I.M.,  
 WOODWARD COUNTY, OKLAHOMA

DRAWN BY: CLC		DATE: 02/18/18	CHK'D: RLG
GATEWAY NO.: 18-0061-104R2		SCALE: 1"=1000'	
PAD PN#: 929992		WELL PN#: 664573	
REV.	DWN.	DESCRIPTION	DATE
1	CLC	LP AND BHL MOVE	02/28/18
2	CLC	MOVED WORKING LIMITS	04/20/18