

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

API NUMBER: 073 26386

Approval Date: 12/13/2018  
Expiration Date: 06/13/2020

Horizontal Hole Oil & Gas  
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 17N Rge: 7W County: KINGFISHER  
SPOT LOCATION:  SW  SW  SE  SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 250 1363

Lease Name: SMITH 24-17-7 Well No: 2HC Well will be 250 feet from nearest unit or lease boundary.

Operator Name: CHESAPEAKE OPERATING LLC Telephone: 4059357539; 4059358 OTC/OCC Number: 17441 0

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

NORMAN R. SMITH, TRUSTEE  
4804 NW 65TH STREET  
OKLAHOMA CITY OK 73132

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

Name	Depth	Name	Depth
1 OSWEGO	6780	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 671353  
651601

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201808646  
201809904  
201809906  
201809907  
201809908  
201809905  
201809909  
201809903  
201809684

Special Orders:

Total Depth: 20000 Ground Elevation: 1084 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 210

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35844  
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.

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: SALT PLAINS

HORIZONTAL HOLE 1

Sec 12 Twp 17N Rge 7W County KINGFISHER

Spot Location of End Point: SE SW SW NW

Feet From: NORTH 1/4 Section Line: 2540

Feet From: WEST 1/4 Section Line: 400

Depth of Deviation: 6408

Radius of Turn: 477

Direction: 350

Total Length: 12843

Measured Total Depth: 20000

True Vertical Depth: 6806

End Point Location from Lease,  
Unit, or Property Line: 400

Notes:

Category

Description

DEEP SURFACE CASING

11/29/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

11/29/2018 - 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: [OCCEWEB.COM/OG/OGFORMS.HTML](http://OCCEWEB.COM/OG/OGFORMS.HTML); 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: [FRACFOCUS.ORG](http://FRACFOCUS.ORG)

PENDING CD - 201808646

12/13/2018 - G75 - (320)(HOR) W2 24-17N-7W  
VAC 118427 OSWG  
POE TO BHL NLT 660' FB  
(COEXIST SP. ORDER # 40411/42259 OSWG)  
REC 12-3-2018 (THOMAS)

PENDING CD - 201809684

12/13/2018 - G75 - 13-17N-7W  
X671353 OSWG  
2 WELLS  
NO OP. NAMED  
REC 12-11-2018 (JACKSON)

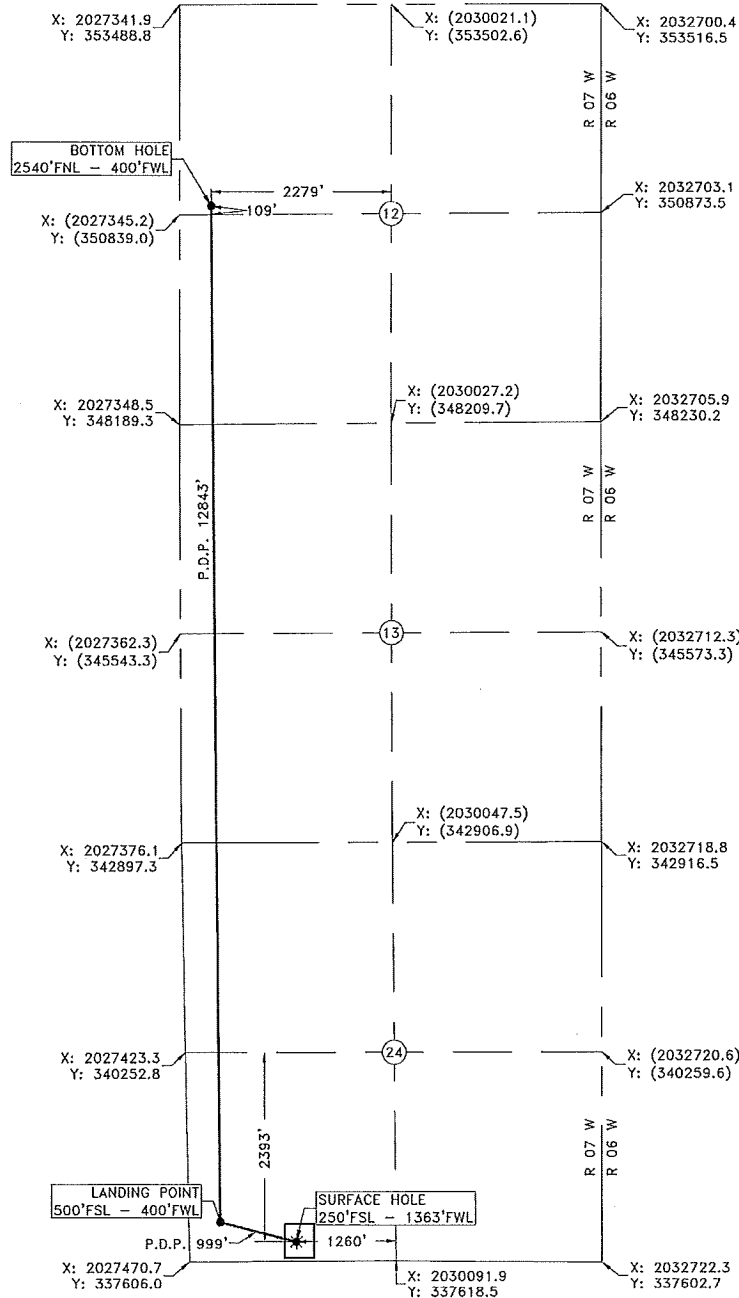
This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.  
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of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

Category	Description
PENDING CD - 201809903	12/13/2018 - G75 - (E.O.) W2 24, 13 & 12-17N-7W EST MULTIUNIT HORIZONTAL WELL X201808646 OSWG W2 24-17N-7W X671353 OSWG 13-17N-7W X651601 OSWG 12-17N-7W 40% W2 24-17N-7W 40% 13-17N-7W 20% 12-17N-7W CHESAPEAKE OP., L.L.C. REC 12-3-2018 (NORRIS)
PENDING CD - 201809904	12/13/2018 - G75 - (E.O.) W2 24-17N-7W X201808646 OSWG 1 WELL CHESAPEAKE OP., L.L.C. REC 12-3-2018 (NORRIS)
PENDING CD - 201809905	12/13/2018 - G75 - (E.O.) W2 24-17N-7W X201808646 OSWG COMPL. INT. NCT 330' FSL, NCT 0' FNL, NCT 330' FWL CHESAPEAKE OP., L.L.C. REC 12-3-2018 (NORRIS)
PENDING CD - 201809906	12/13/2018 - G75 - (E.O.) W2 24-17N-7W X165:10-3-28(C)(2)(B) OSWG (SMITH 24-17-7 2HC) MAY BE CLOSER THAN 600' TO HIGGINS 1 (API 073-00070) CHESAPEAKE OP., L.L.C. REC 12-3-2018 (NORRIS)
PENDING CD - 201809907	12/13/2018 - G75 - (E.O.) 13-17N-7W X671353 OSWG COMPL. INT. NCT 0' FSL, NCT 0' FNL, NCT 330' FWL CHESAPEAKE OP., L.L.C. REC 12-3-2018 (NORRIS)
PENDING CD - 201809908	12/13/2018 - G75 - (E.O.) 12-17N-7W X651601 OSWG 1 WELL CHESAPEAKE OP., L.L.C. REC 12-3-2018 (NORRIS)
PENDING CD - 201809909	12/13/2018 - G75 - (E.O.) 12-17N-7W X651601 OSWG COMPL. INT. NCT 0' FSL, NCT 2540' FNL, NCT 330' FWL CHESAPEAKE OP., L.L.C. REC 12-3-2018 (NORRIS)
SPACING - 651601	12/13/2018 - G75 - (640)(HOR) 12-17N-7W VAC OTHER VAC 40411/42259 OSWG N2 NW4, SE4, S2 SW4 EST OSWG, OTHER COMPL. INT. NLT 660' FB (COEXIST SP. ORDER # 40411/42259 OSWG S2 NW4, NE4 & N2 SW4)
SPACING - 671353	12/13/2018 - G75 - (640)(HOR) 13-17N-7W EXT 652371 OSWG, OTHER POE TO BHL NCT 660' FB (COEXIST SP. ORDER # 40411/42259 OSWG)

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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.

SECTIONS 12, 13 AND 24, T 17 N - R 07 W, I.M.,  
KINGFISHER COUNTY, OKLAHOMA

BEARINGS ARE GRID  
OKLAHOMA S.P.C. NAD 87, NORTH ZONE



Operator: CHESAPEAKE OPERATING, L.L.C. Date Slotted: 1/16/2018  
 Lease Name: SMITH 24-17-7 Well No.: 2HC Elevation: 1084'  
 Topography and Vegetation: CULTIVATED FIELD  
 Grid Drill Site? YES Reference or Alt. Location Stakes Set: NONE  
 Best Accessibility to Location: FROM COUNTY ROAD  
 Distance and Direction from Hwy, Jct, or town: FROM TOWER, OK, HEAD SOUTH 27 WALK ON US HWY. AL TERN EAST 0.4  
 MI. ON CO. RD. 107A, THEN SOUTH 1/4 W-E ON CO. RD. 24250, THEN EAST 0.1 MI. ON CO. RD. 10750, THEN NORTH INTO LOCATION.

*Fred Anthony Selesky*  
 FRED ANTHONY SELENSKY 11-20-2018  
 OKLAHOMA L.P.L.S. NO.: 1860

NOTE:  
 This is a plot 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 plot and notify Gateway Services Group, LLC immediately of any possible discrepancy.

LEGEND  
 SURFACE LOCATION \*  
 EXISTING WELL WITH WITHIN HOLDING ROAD ●  
 PROPOSED DRILL PATH ---  
 EXISTING FENCE LINE - - - - -  
 ELECTRIC LINE - - - - -  
 OVERHEAD POWER - - - - -  
 FENCE - - - - -



Chesapeake Operating, L.L.C. Chesapeake ENERGY

Gateway Gateway Services Group, LLC  
 PO. BOX 910  
 WEEKSD, OK 74858  
 OFF. (405) 273-0554  
 FAX (405) 273-0550  
 C.A. NO. 4091 (05)  
 EXP. DATE 6-30-2018

EXHIBIT "A" PRELIMINARY  
 SMITH 24-17-7 2HC  
 250'FSL - 1363'FWL  
 SECTIONS 12, 13 AND 24, T 17 N - R 07 W, I.M.,  
 KINGFISHER COUNTY, OKLAHOMA

DRAWN BY: JE	DATE: 1/19/18	CHK'D: CWP
GATEWAY NO.: 18-0041-204R1	SCALE: 1"=1500'	
PLD PWA: 229883	WELL PWF: 860510	
REV. DWN	DESCRIPTION	DATE
1	APR BORE PATH EXTENSION	11/19/18