

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

API NUMBER: 073 25904

Approval Date: 01/24/2018

Expiration Date: 07/24/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 16N Rge: 6W

County: KINGFISHER

SPOT LOCATION:  SE  SE  SW  SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 300 1260

Lease Name: JOHN 15-16-6

Well No: 1HC

Well will be 300 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

JOHN F. EMMERICH  
21023 STATE HWY. 33  
KINGFISHER OK 73750

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

Name	Depth	Name	Depth
1 OSWEGO	6600	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 654841

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201708251  
201708252  
201708253  
201708254

Special Orders:

Total Depth: 17250

Ground Elevation: 1107

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 270

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-33731  
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 10 Twp 16N Rge 6W County KINGFISHER

Spot Location of End Point: E2 NW NW NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 390

Depth of Deviation: 6091

Radius of Turn: 900

Direction: 351

Total Length: 9745

Measured Total Depth: 17250

True Vertical Depth: 6750

End Point Location from Lease,  
Unit, or Property Line: 330

Notes:

Category

Description

DEEP SURFACE CASING

1/18/2018 - 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

1/18/2018 - 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 - 201708251

1/19/2018 - G75 - (640)(HOR) 15-16N-6W  
EXT 654841 OSWG, OTHER  
POE TO BHL NCT 660' FB  
(COEXIST SP. ORDER # 62116/124683 OSWG)  
REC 1-22-2018 (MILLER)

PENDING CD - 201708252

1/19/2018 - G75 - (I.O.) 15 & 10-16N-6W  
EST MULTIUNIT HORIZONTAL WELL  
X654841 OSWG 10-16N-6W  
X201708251 OSWG 15-16N-6W  
50% 15-16N-6W  
50% 10-16N-6W  
NO OP. NAMED  
REC 1-22-2018 (MILLER)

PENDING CD - 201708253

1/19/2018 - G75 - (I.O.) 15-16N-6W  
X201708251 OSWG, OTHER  
COMPL. INT. NCT 330' FSL, NCT 0' FNL, NCT 330' FWL  
NO OP. NAMED  
REC 1-22-2018 (MILLER)

PENDING CD - 201708254

1/19/2018 - G75 - (I.O.) 10-16N-6W  
X654841 OSWG, OTHER  
COMPL. INT. NCT 0' FSL, NCT 330' FNL, NCT 330' FWL  
NO OP. NAMED  
REC 1-22-2018 (MILLER)

SPACING - 654841

1/19/2018 - G75 - (640)(HOR) 10-16N-6W  
EST OSWG, OTHER  
POE TO BHL NCT 660' FB  
(COEXIST SP. ORDER # 62116 OSWG)

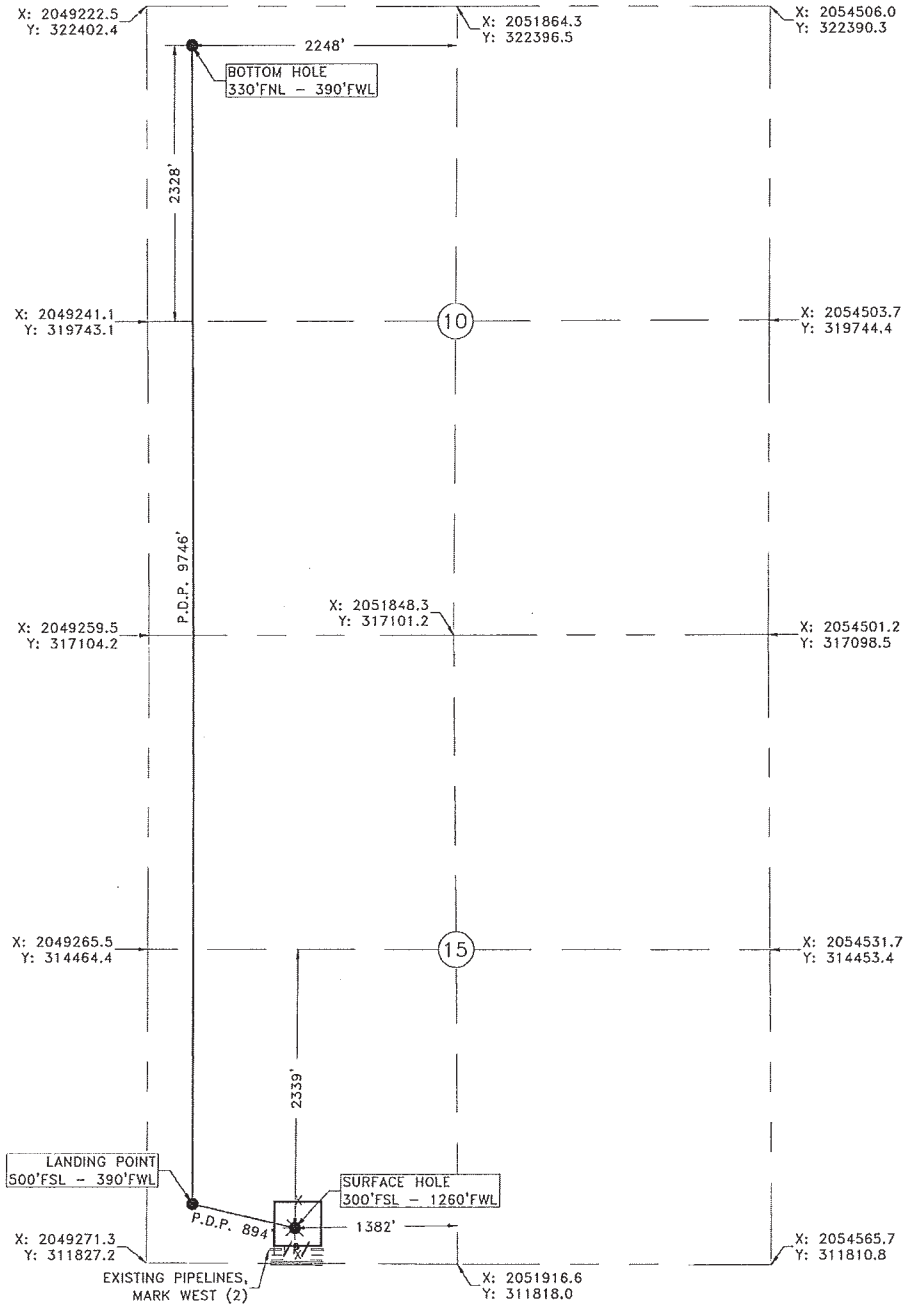
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Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

SECTIONS 10 AND 15, T 16 N - R 06 W, I.M.,  
KINGFISHER COUNTY, OKLAHOMA

BEARINGS AND GRID  
OKLAHOMA SFC. NAD 87, NORTH ZONE



Operator: CHESAPEAKE OPERATING, L.L.C. Date Staked: 11/2/17  
 Lease Name: JOHN 15-16-6 Well No.: 1HC Elevation: 1107'  
 Topography and Vegetation: CULTIVATION  
 Good Drill Site? YES Reference or All. Location Stakes Set: NONE  
 Best Accessibility to Location: FROM COUNTY ROAD  
 Distance and Direction from Hwy, Jct. or town: FROM THE JUNCTION OF US HWY. 81 AND ST. HWY. 33  
IN KINGFISHER, OK, HEAD EAST ON ST. HWY. 33 3.8 MILES, TURN NORTH INTO LOCATION.

*F.A.S.* 12-1-2017  
 FRED ANTHONY SELENSKY  
 OKLAHOMA L.P.L.S. NO.: 1860

NOTE:  
 This is a plat of a proposed well location and does not represent a true boundary survey. The information shown herein 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 (parenthesis) 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.

**LEGEND**

- EXISTING WELL LOC. WITH MEASUREMENTS POINT
- PROPOSED WELL PATH
- EXISTING FENCE
- ELECTRIC LINE
- OVERHEAD POWER
- FENCE

Chesapeake Operating, L.L.C. Chesapeake Energy

Gateway Services Group, LLC

PO. BOX 660  
 MEeker, OK 74855  
 OFF. (405) 273-0264  
 FAX (405) 273-0500  
 C.A. NO. 4091 (15)  
 EXP. DATE 6-30-2018

**EXHIBIT "A" PRELIMINARY**  
 JOHN 15-16-6 1HC  
 500'FSL - 1260'FWL  
 SW/4 SECTION 15, T 16 N - R 06 W, I.M.,  
 KINGFISHER COUNTY, OKLAHOMA

DRAWN BY: <u>JE</u>	DATE: <u>11/3/17</u>	CHK'D: <u>RLG</u>
GATEWAY NO.: <u>17-0705-10381</u>	SCALE: <u>1"=1000'</u>	
PAD P/N: <u>520878</u>	WELL P/N: <u>660503</u>	
REV. <u>1</u> <u>DN</u>	DESCRIPTION	DATE
1	CLC NAME CHANGE	11/30/17