

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

API NUMBER: 073 26057

Approval Date: 05/18/2018

Expiration Date: 11/18/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 19N Rge: 6W

County: KINGFISHER

SPOT LOCATION: ☐ SW ☐ SW ☐ SE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 280 1145

Lease Name: GABRIEL 34-19-6

Well No: 3HC

Well will be 280 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

RANDALL & MARTHA GABRIEL  
18329 S. 54TH STREET  
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1 OSWEGO	6170	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 652255  
676909  
677385

Location Exception Orders: 676694  
676693  
676695  
677324

Increased Density Orders: 676689  
677322

Pending CD Numbers:

Special Orders:

Total Depth: 16500

Ground Elevation: 1165

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 200

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34365  
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 27 Twp 19N Rge 6W County KINGFISHER

Spot Location of End Point: E2 NW NW NE

Feet From: NORTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 2260

Depth of Deviation: 5908

Radius of Turn: 477

Direction: 349

Total Length: 9843

Measured Total Depth: 16500

True Vertical Depth: 6336

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

## Notes:

Category	Description
DEEP SURFACE CASING	5/3/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
EXCEPTION TO RULE - 676693	5/4/2018 - G75 - (I.O.) E2 34-19N-6W X165:10-3-28(C)(2)(B) OSWG (GABRIEL 34-19-6 3HC) MAY BE CLOSER THAN 600' TO CHARLES J. MCCULLY 3-34, CHARLES J. MCCULLY 2-34 & MCCULLY A-3 CHESAPEAKE OP., L.L.C. 4-23-2018
EXCEPTION TO RULE - 676695	5/4/2018 - G75 - (I.O.) E2 27-19N-6W X165:10-3-28(C)(2)(B) OSWG (GABRIEL 34-19-6 3HC) MAY BE CLOSER THAN 600' TO ANN FELDER 3-27 CHESAPEAKE OP., L.L.C. 4-23-2018
HYDRAULIC FRACTURING	5/3/2018 - 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>
INCREASED DENSITY - 676689	5/4/2018 - G75 - E2 27-19N-6W X652255 OSWG 2 WELLS CHESAPEAKE OP., L.L.C. 4-23-2018
INCREASED DENSITY - 677322	5/4/2018 - G75 - E2 34-19N-6W X676909 OSWG 2 WELLS CHESAPEAKE OP., L.L.C. 5-4-2018
LOCATION EXCEPTION - 676694	5/4/2018 - G75 - (I.O.) E2 27-19N-6W X652255 OSWG, OTHER COMPL. INT. NCT 0' FSL, NCT 330' FNL, NCT 330' FWL CHESAPEAKE OP., L.L.C. 4-23-2018

This permit does not address the right of entry or settlement of surface damages.

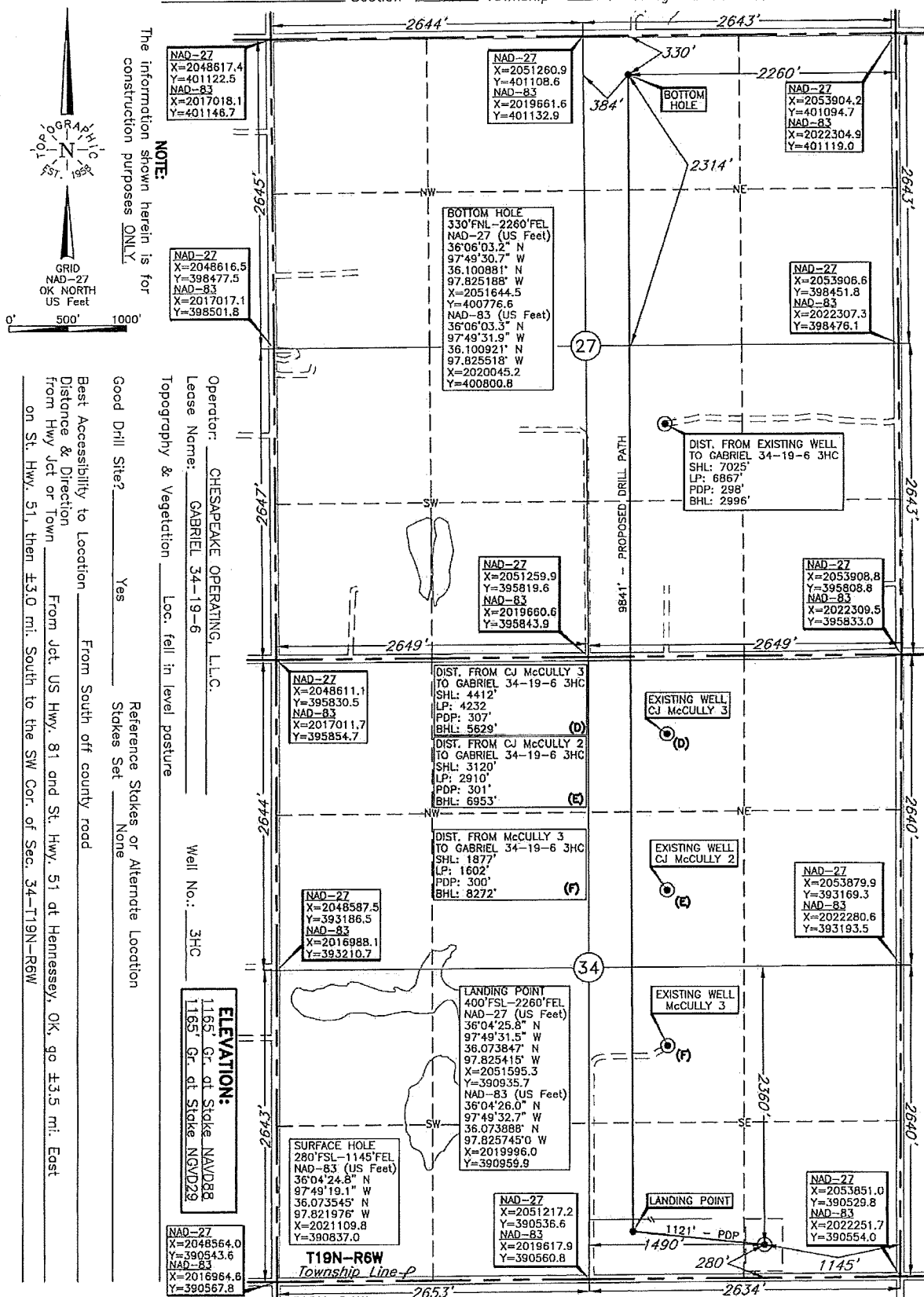
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073 26057 GABRIEL 34-19-6 3HC

Category	Description
LOCATION EXCEPTION - 677324	5/4/2018 - G75 - (I.O.) E2 34-19N-6W X676909 OSWG, OTHER COMPL. INT. NCT 330' FSL, NCT 0' FNL, NCT 330' FWL CHESAPEAKE OP., L.L.C. 5-4-2018
SPACING - 652255	5/4/2018 - G75 - (320)(HOR) E2 27-19N-6W EST OSWG, OTHER POE TO BHL NCT 660' FB (COEXIST SP. ORDER #46857 OSWG)
SPACING - 676909	5/4/2018 - G75 - (320)(HOR) E2 34-19N-6W EST OSWG, OTHER POE TO BHL NCT 660' FB (COEXIST SP. ORDER # 46739 OSWG)
SPACING - 677385	5/18/2018 - G75 - (I.O.) E2 34 & E2 27-19N-6W EST MULTIUNIT HORIZONTAL WELL X676909 OSWG E2 34-19N-6W X652255 OSWG E2 27-19N-6W 50% E2 34-19N-6W 50% E2 27-19N-6W CHESAPEAKE OP., L.L.C. 5-7-2018

KINGFISHER County, Oklahoma  
280'FSL - 1145'FEL Section 34 Township 19N Range 6W I.M.



Operator: CHESAPEAKE OPERATING, L.L.C.  
Lease Name: GABRIEL 34-19-6  
Topography & Vegetation: Loc. fell in level pasture  
Well No.: 3HC  
ELEVATION: 1165' Gr. at Stake NAVD83  
1165' Gr. at Stake NGVD29

Good Drill Site? Yes  
Reference Stakes or Alternate Location: Stakes Set None

Best Accessibility to Location: From South off county road  
Distance & Direction: From Jct. US Hwy. 81 and St. Hwy. 51 at Hennessey, OK, go ±3.5 mi. East on St. Hwy. 51, then ±3.0 mi. South to the SW Cor. of Sec. 34-T19N-R6W

LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Revision ☒ A Date of Drawing: May 16, 2018  
Invoice # 286881B Date Staked: Jan. 26, 2018

CERTIFICATE:

I, Thomas L. Howell, an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Thomas L. Howell  
Oklahoma Lic. No. 1433

Information was gathered with a GPS receiver using real time kinematic (RTK) technology.  
DATUM: NAD-27  
LAT: 36°04'24.6"N  
LONG: 97°49'17.9"W  
LAT: 36°07'35.04" N  
LONG: 97°49'17.9" W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 2052709.1  
Y: 390812.8

