

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

API NUMBER: 073 26345

Approval Date: 11/16/2018

Expiration Date: 05/16/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 17N Rge: 6W

County: KINGFISHER

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 260 180

Lease Name: STITT 7-17-6

Well No: 4HC

Well will be 180 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

JIMMY L. STITT
10896 NORTH 2860 RD.
DOVER OK 73734

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

Name	Depth	Name	Depth
1 OSWEGO	6468	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 651575
652371
686285

Location Exception Orders: 686287
686289

Increased Density Orders: 686286
686288

Pending CD Numbers:

Special Orders:

Total Depth: 14300

Ground Elevation: 1077

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 190

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: 18-35558
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 18 Twp 17N Rge 6W County KINGFISHER

Spot Location of End Point: W2 E2 E2 E2

Feet From: NORTH 1/4 Section Line: 2640

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 6166

Radius of Turn: 382

Direction: 182

Total Length: 7534

Measured Total Depth: 14300

True Vertical Depth: 6577

End Point Location from Lease,
Unit, or Property Line: 380

Notes:

Category	Description
DEEP SURFACE CASING	11/5/2018 - 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	11/5/2018 - 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 ; 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
INCREASED DENSITY - 686286	11/16/2018 - G75 - 7-17N-6W X651575 OSWG 1 WELL CHESAPEAKE OP., L.L.C. 11-7-2018
INCREASED DENSITY - 686288	11/16/2018 - G75 - 18-17N-6W X652371 OSWG 1 WELL CHESAPEAKE OP., L.L.C. 11-7-2018
LOCATION EXCEPTION - 686287	11/16/2018 - G75 - (I.O.) 7-17N-6W X651575 OSWG COMPL. INT. NCT 330' FNL, NCT 0' FSL, NCT 330' FEL CHESAPEAKE OP., L.L.C. 11-7-2018
LOCATION EXCEPTION - 686289	11/16/2018 - G75 - (I.O.) 18-17N-6W X652371 OSWG COMPL. INT. NCT 0' FNL, NCT 330' FSL, NCT 330' FEL CHESAPEAKE OP., L.L.C. 11-7-2018
SPACING - 651575	11/16/2018 - G75 - (640)(HOR) 7-17N-6W EXT 649484 OSWG, OTHER POE TO BHL NCT 660' FB (COEXIST SP. ORDER # 56829 OSWG)
SPACING - 652371	11/16/2018 - G75 - (640)(HOR) 18-17N-6W EST OSWG, OTHERS POE TO BHL NCT 660' FB (COEXIST SP. ORDER # 58569 OSWG)

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.

073 26345 STITT 7-17-6 4HC

Category	Description
SPACING - 686285	11/16/2018 - G75 - (I.O.) 7 & 18-17N-6W EST MULTIUNIT HORIZONTAL WELL X651575 OSWG 7-17N-6W X652372 OSWG 18-17N-6W ** 66.67% 7-17N-6W 33.33% 18-17N-6W CHESAPEAKE OP., L.L.C. 11-7-2018 ** S/B X652371 OSWG 18-17N-6W; TO BE CORRECTED AT HEARING FOR FINAL ORDER PER OPERATOR
SURFACE CASING	11/5/2018 - G71 - MIN. 300' PER ORDER # 23720/41036/42410

TOPOGRAPHIC LAND SURVEYS OF OKLAHOMA

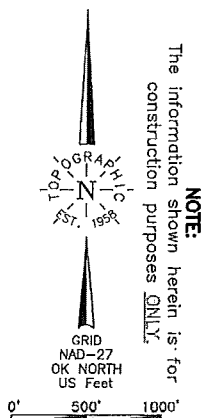
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 • OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

KINGFISHER

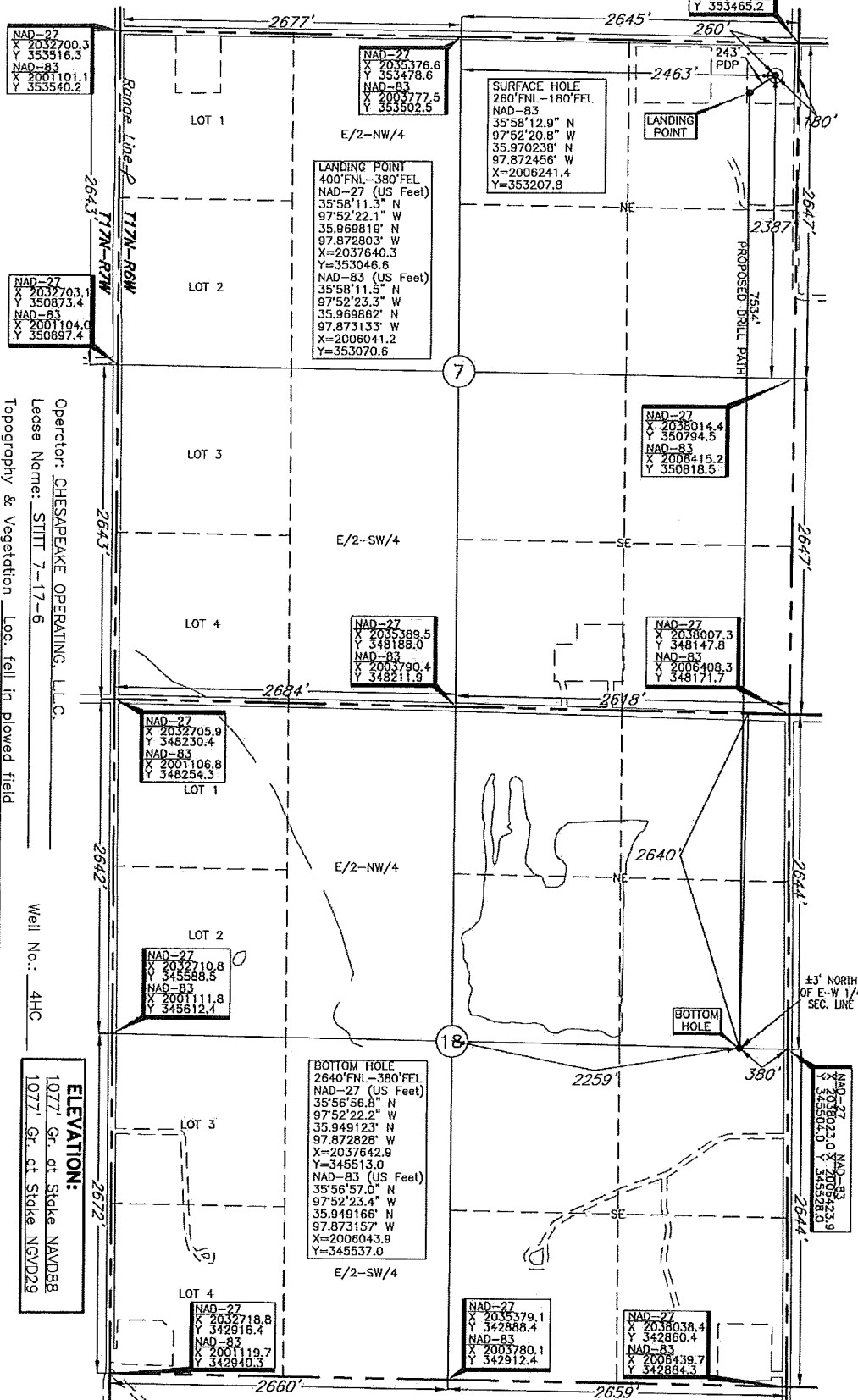
County, Oklahoma

260' FNL - 180' FEL Section 7 Township 17N Range 6W I.M.

API 073-26345



NOTE:
The information shown herein is for construction purposes ONLY.



Operator: CHESAPEAKE OPERATING, L.L.C.
Lease Name: STIT 7-17-6
Topography & Vegetation Loc. fell in plowed field
Well No.: 4HC
ELEVATION: 1077' Gr. at Stake NAVD88 1077' Gr. at Stake NGVD29

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From North of county road
Distance & Direction from Hwy Jet or Town From Dover, OK. go ± 1.7 mi. South, then ± 1.5 mi. East, then ± 1.0 mi. North, then ± 1.0 mi. East to the NE Cor. of Sec. 7-T17N-R6W

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

DATUM: NAD-27
LAT: 35°58'12.7"N
LONG: 97°52'19.7"W
LAT: 35.970195° N
LONG: 97.872126° W
STATE PLANE COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2037840.5
Y: 353183.9

Invoice # 301985 Date of Drawing: Sep. 10, 2018
Date Staked: Sep. 04, 2018

CERTIFICATE:

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

Thomas L. Howell
Oklahoma Lic. No. 1433

