

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

API NUMBER: 073 26127 A

Approval Date: 12/06/2019
Expiration Date: 06/06/2021

Horizontal Hole
Multi Unit
Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 17N Rge: 7W

County: KINGFISHER

SPOT LOCATION: ☐ SE ☐ SW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 270 1828

Lease Name: BEVERLY 27-17-7

Well No: 2HC

Well will be 270 feet from nearest unit or lease boundary.

Operator CHESAPEAKE OPERATING LLC
Name:

Telephone: 4059357539; 4059358

OTC/OCC Number: 17441 0

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

MARY J. PENNDORF REVOCABLE TRUST
12169 SOUTH EASE 172ND LANE
SUMMERFIELD FL 34491

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

Name	Depth	Name	Depth
1 OSWEGO	6818	6	
2		7	
3		8	
4		9	
5		10	
Spacing Orders: 641398	Location Exception Orders: 695380	Increased Density Orders: 674154	
644145	699420	692625	
699419	674123	699418	
	692628		

Pending CD Numbers:

Special Orders:

Total Depth: 16800

Ground Elevation: 1069

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 220

Deep surface casing has been approved

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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: 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 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: BISON

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34741
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 18 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 22 Twp 17N Rge 7W County KINGFISHER

Spot Location of End Point: C N2 N2 N2

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 2640

Depth of Deviation: 5643

Radius of Turn: 800

Direction: 10

Total Length: 9900

Measured Total Depth: 16800

True Vertical Depth: 6857

End Point Location from Lease,

Unit, or Property Line: 330

Notes:

Category	Description
DEEP SURFACE CASING	11/22/2019 - 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
EXCEPTION TO RULE - 674123 (201800106)	12/6/2019 - GB1 - (I.O.) 22-17N-7W X165:10-3-28(C)(2)(B) OSWG (BEVERLY 22-17-7 2H)*** MAY BE CLOSER THAN 600' TO THE RODNEY HOBBS UNIT 1 CHESAPEAKE OPERATING, LLC. 2-27-2018 *** S/B BEVERLY 27-17-7 2HC; WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY FOR OPR
EXCEPTION TO RULE - 692628 (201800106)	12/6/2019 - GB1 - EXT OF TIME FOR ORDER # 674123 UNTIL 2/27/2020
HYDRAULIC FRACTURING	11/22/2019 - 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 - 674154 (201800103)	12/6/2019 - GB1 - 22-17N-7W X641398 OSWG 2 WELLS CHESAPEAKE OPERATING, LLC. 2-28-2018
INCREASED DENSITY - 692625 (201800103)	12/6/2019 - GB1 - EXT OF TIME FOR ORDER # 674154 UNTIL 2/28/2020
INCREASED DENSITY - 699418 (201901876)	12/6/2019 - GB1 - 27-17N-7W X644145 OSWG 1 WELL CHESAPEAKE OPERATING LLC 7/19/2019
LOCATION EXCEPTION - 695380 (201901879)	12/6/2019 - GB1 - (I.O.) 22-17N-7W X641398 OSWG COMPL. INT. NCT 330' FNL, NCT 0' FSL, NCT 1320' FEL OR FWL NO OP. NAMED 4/30/2019

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

073 26127 BEVERLY 27-17-7 2HC

The duration of this permit is 18 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.

LOCATION EXCEPTION - 699420 (201901878)	12/6/2019 - GB1 - (I.O.) 27-17N-7W X644145 OSWG COMPL. INT. NCT 0' FNL, NCT 330' FSL, NCT 1320' FEL OR FWL NO OP. NAMED 7/19/2019
SPACING - 641398	12/5/2019 - GB1 - (640)(HOR) 22-17N-7W VAC 242914 OWSG, OTHER VAC 109727 OWSG NW4 VAC 40411/42259 OSWG N2 NE4 EST OSWG, OTHER COMPL INT NLT 660' FB (COEXIST SP. ORDER #40411/42259 OWSG S2 NE4, N2 SE4, S2 SE4, & SP# 109727 OSWG N2 SW4, S2 SW4)
SPACING - 644145	12/5/2019 - GB1 - (640)(HOR) 27-17N-7W VAC 40411/42259 OSWG S2 & N2 NW4 VAC OTHERS EST OSWG, OTHERS COMPL INT NLT 660' FB (COEXIST SP # 40411/42259 S2 NW4, N2 NE4, S2 NE4)
SPACING - 699419 (201901877)	12/6/2019 - GB1 - (I.O.) 27 & 22-17N-7W EST MULTIUNIT HORIZONTAL WELL X644145 OSWG 27-17N-7W X641398 OSWG 22-17N-7W 50% 27-17N-7W 50% 22-17N-7W CHESAPEAKE OPERATING, LLC 7/19/2019

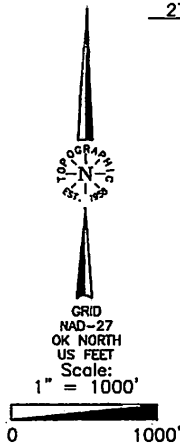
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

KINGFISHER

County, Oklahoma

270° FSL - 1828° FWL Section 27 Township 17N Range 7W I.M.



Operator: CHESAPEAKE OPERATING, L.L.C.
 Lease Name: BEVERLY 27-17-7
 Topography & Vegetation: Location fall in terraced wheat field, E-W Fe. ±226' South, NW-SE Pipeline ±564' SW.
 Good Drill Site? Yes
 Reference Stakes or Alternate Location: Stakes Set None
 Best Accessibility to Location: From South off county road
 Distance & Direction from Hwy Jet or Town: The Jct. of U.S. Hwy. 81 and E-W 760 county road is the S/4 Corner of Section 27, T17N - R7W.

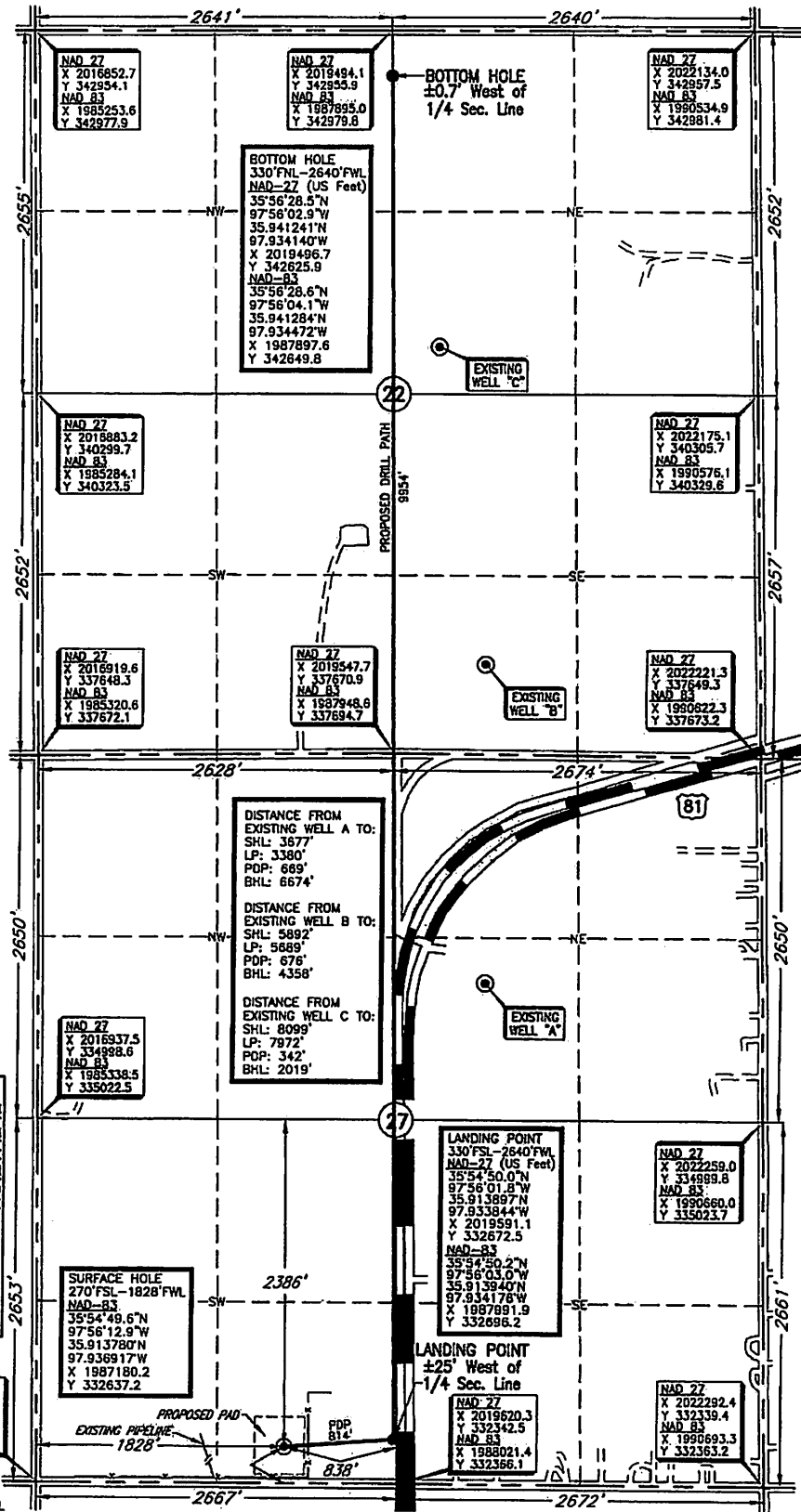
ELEVATION:

1069' Gr. at Stake (NAD83)
1069' Gr. at Stake (NAD29)NAD 27
X 2016953.0
Y 332345.7
NAD 83
X 1985353.7
Y 332369.5

NOTES:

- THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY
- LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

DATUM: NAD-27
 LAT: 35°54'49.4"N
 LONG: 97°56'11.7"W
 LAT: 35.913736°N
 LONG: 97.936586°W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 2018779.1
 Y: 332613.3



Date of Drawing: September 12, 2019
 Project # 126994A Date Staked: September 27, 2018

RKM/AC

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

