

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

API NUMBER: 073 26644

Approval Date: 12/10/2019

Expiration Date: 06/10/2021

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: 240 1828

Lease Name: BEVERLY 27-17-7

Well No: 3HC

Well will be 240 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

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

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

Name	Depth	Name	Depth
1 OSWEGO	6705	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 644145
641398
701734

Location Exception Orders: 701736
701738
704130

Increased Density Orders: 701735
701737

Pending CD Numbers:

Special Orders:

Total Depth: 17700

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: 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: BISON

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-37127
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: E2 NW NW NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 360

Depth of Deviation: 7015

Radius of Turn: 500

Direction: 350

Total Length: 9900

Measured Total Depth: 17700

True Vertical Depth: 6916

End Point Location from Lease,

Unit, or Property Line: 330

Notes:

Category	Description
DEEP SURFACE CASING	12/3/2019 - 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 - 704130 (201904774)	12/10/2019 - GB1 - (I.O.) 27-17N-7W X165:10-3-28 (C)(2)(B) OSWG (BEVERLY 27-17-7 3HC) MAY BE CLOSER THAN 600' TO MAE 1-27 AND JENNY 27-1 CHESAPEAKE OPERATING, LLC 10/23/2019
HYDRAULIC FRACTURING	12/3/2019 - 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: OCCWEB.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 - 701735 (201903993)	12/10/2019 - GB1 - 27-17N-7W X644145 OSWG 1 WELL NO OP. NAMED 9/4/2019
INCREASED DENSITY - 701737 (201903995)	12/10/2019 - GB1 - 22-17N-7W X641398 OSWG 1 WELL NO OP. NAMED 9/4/2019
LOCATION EXCEPTION - 701736 (201903994)	12/10/2019 - GB1 - (I.O.) 27-17N-7W X644145 OSWG COMPL. INT. NCT 0' FNL, NCT 330' FSL, NCT 330' FWL NO OP. NAMED 7/19/2019
LOCATION EXCEPTION - 701738 (201903996)	12/10/2019 - GB1 - (I.O.) 22-17N-7W X641398 OSWG COMPL. INT. NCT 330' FNL, NCT 0' FSL, NCT 330' FWL NO OP. NAMED 9/7/2019

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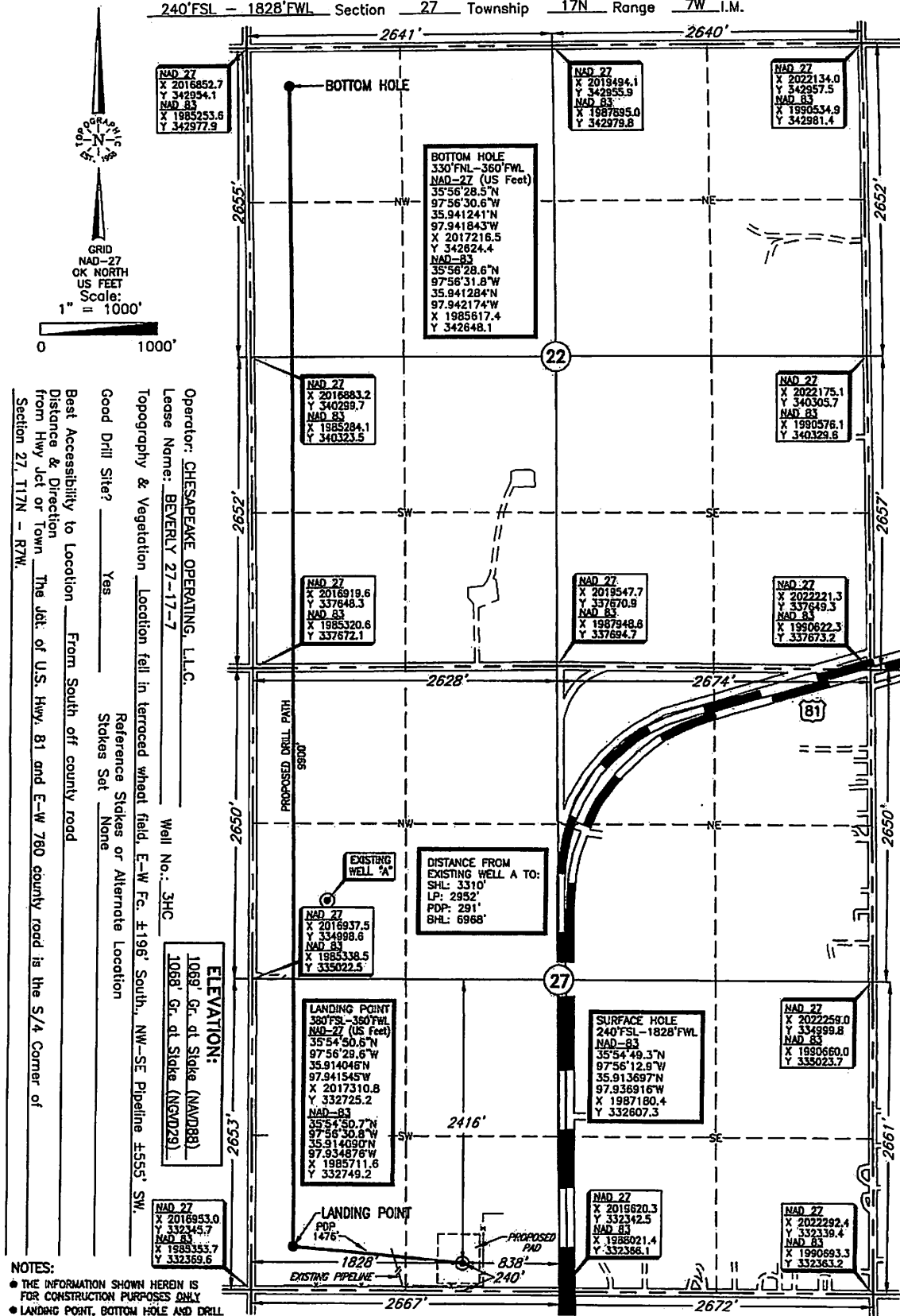
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

073 26644 BEVERLY 27-17-7 3HC

SPACING - 641398	12/10/2019 - GB1 - (640)(HOR) 22-17N-7W VAC 242914 OWSG, OTHER VAC 109727 OWSG NW4 VAC 40411/42259 OWSG N2 NE4 EST OWSG, OTHER COMPL INT NLT 660' FB (COEXIST SP. ORDER #40411/42259 OWSG S2 NE4, N2 SE4, S2 SE4, & SP# 109727 OWSG N2 SW4, S2 SW4)
SPACING - 644145	12/10/2019 - GB1 - (640)(HOR) 27-17N-7W VAC 40411/42259 OWSG S2 & N2 NW4 VAC OTHERS EST OWSG, OTHERS COMPL INT NLT 660' FB (COEXIST SP # 40411/42259 S2 NW4, N2 NE4, S2 NE4)
SPACING - 701734 (201903992)	12/10/2019 - GB1 - (I.O.) 27 & 22-17N-7W EST MULTIUNIT HORIZONTAL WELL X644145 OWSG 27-17N-7W X641398 OWSG 22-17N-7W 50% 27-17N-7W 50% 22-17N-7W CHESAPEAKE OPERATING, LLC 9/4/2019

County, Oklahoma

240' FSL - 1828' FWL Section 27 Township 17N Range 7W I.M.



NOTES:

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

DATE: 11/11/2018
TIME: 11:00
LOCATION: 35°54'49.2"N
97°56'11.7"W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2018779.3
Y: 332583.4

Project # 126994 Date of Drawing: September 13, 2019
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

Theron L. Hines
Oklahoma Lic. No. 1433

