

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

API NUMBER: 073 26660

Approval Date: 01/03/2020

Expiration Date: 07/03/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 18N Rge: 6W

County: KINGFISHER

SPOT LOCATION: ☐ SE ☐ SE ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 255 1180

Lease Name: RITA 27-18-6

Well No: 1HC

Well will be 255 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

RITA ANN BROWN
748 WEST BOUNDARY
DOVER OK 73734

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

Name	Depth	Name	Depth
1 OSWEGO	6310	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 655776
699038
699467

Location Exception Orders: 696100
699468
698977
699872
699873

Increased Density Orders: 695847

Pending CD Numbers:

Special Orders:

Total Depth: 16400

Ground Elevation: 1136

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 120

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 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: 19-37137
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 18N 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: 380

Depth of Deviation: 5965

Radius of Turn: 500

Direction: 338

Total Length: 9649

Measured Total Depth: 16400

True Vertical Depth: 6470

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

Notes:

Category	Description
DEEP SURFACE CASING	12/19/2019 - 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 OT RULE - 699873 (201903448)	1/3/2020 - GB6 - (I.O.) 22-18N-6W X165:10-3-28(C)(2)(B) OSWG (RITA 27-18-6 1HC) MAY BE CLOSER THAN 600' TO INGLE 1 (API 35-073-24258) CHESAPEAKE EXPLORATION, L.L.C. AND/OR CHESAPEAKE OPERATING, L.L.C 07/29/2019
EXCEPTION TO RULE - 698977 (201902695)	1/2/2020 - GB6 - (I.O.) 27-18N-6W X165:10-3-28(C)(2)(B) OSWG (RITA 27-18-6 1HC) MAY BE CLOSER THAN 600' TO PHILLIPS UNIT #1 (API 35-073-30180) AND PHILLIPS UNIT 3 (API 35-073-23287) CHESAPEAKE EXPLORATION, L.L.C. AND/OR CHESAPEAKE OPERATING, L.L.C 07/10/2019
EXCEPTION TO RULE - 699872 (201903447)	1/3/2020 - GB6 - (I.O.) 27-18N-6W X165:10-3-28(C)(2)(B) OSWG (RITA 27-18-6 1HC) MAY BE CLOSER THAN 600' TO THEIMS 1-27 (API 35-073-23127) CHESAPEAKE EXPLORATION, L.L.C. AND/OR CHESAPEAKE OPERATING, L.L.C 07/29/2019
HYDRAULIC FRACTURING	12/19/2019 - 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 - 695847 (201902083)	1/3/2020 - GB6 - 22-18N-6W X655776 OSWG 1 WELL CHESAPEAKE EXPLORATION, L.L.C. AND/OR CHESAPEAKE OPERATING, L.L.C 05/08/2019
LOCATION EXCEPTION - 696100 (201902084)	1/2/2020 - GB6 - (I.O.) 22-18N-6W X655776 OSWG COMPL. INT. NCT 0' FSL, NCT 330' FNL, NCT 330' FEL, NCT 330' FWL NO OP. NAMED 05/14/2019

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

073 26660 RITA 27-18-6 1HC

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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.

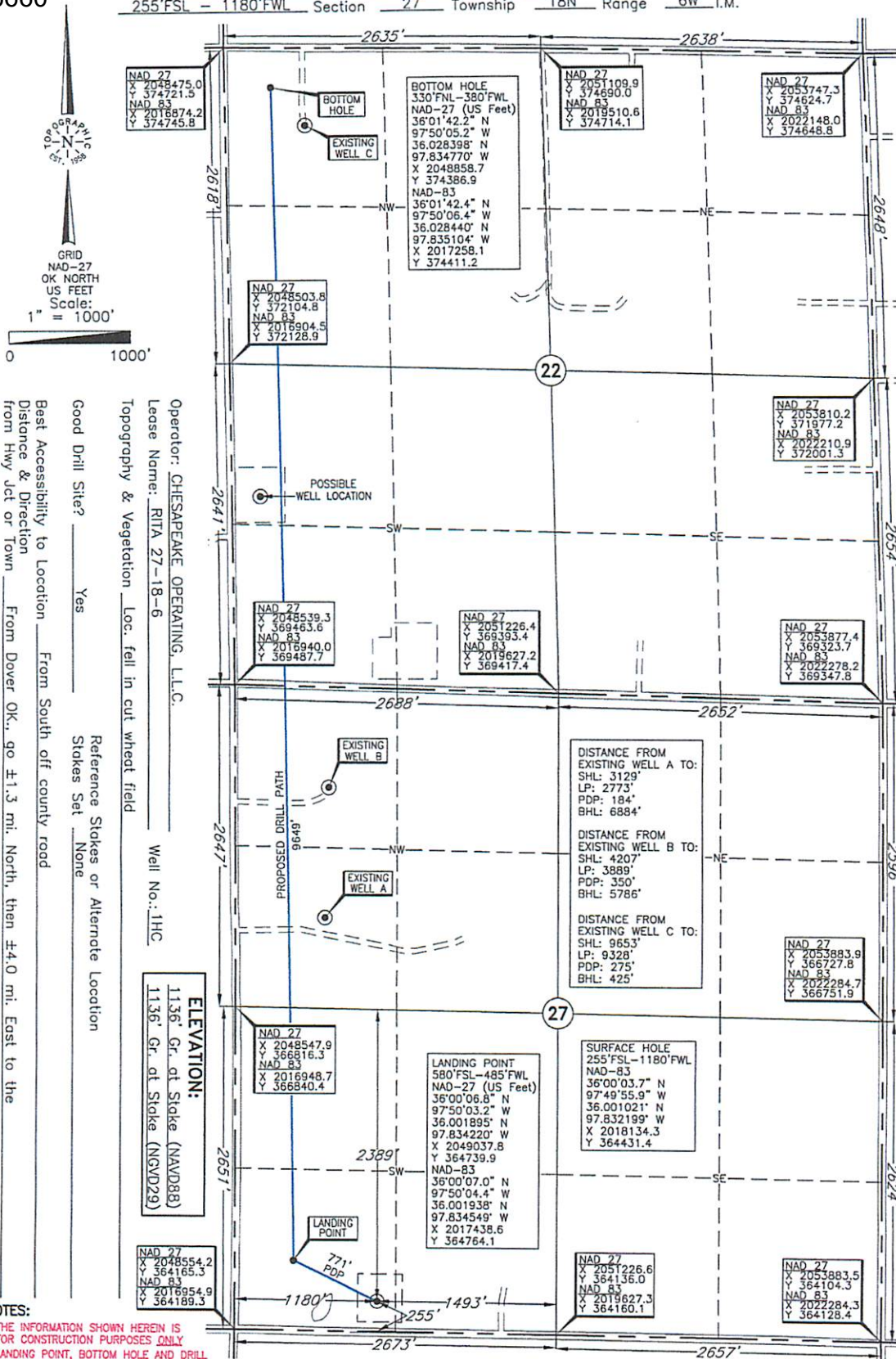
LOCATION EXCEPTION - 699468 (201902082)	1/2/2020 - GB6 - (I.O.) 27-18N-6W X699038 OSWG COMPL. INT. NCT 330' FSL, NCT 0' FNL, NCT 330' FEL, NCT 330' FWL NO OP. NAMED 07/22/2019
SPACING - 655776	1/2/2020 - GB6 - (640)(HOR) 22-18N-6W EXT 630826 OSWG, OTHER COMPL. INT. NCT 660' FB (COEXIST SP. ORDER # 51905 OSWG)
SPACING - 699038	1/2/2020 - GB6 - (640)(HOR) 27-18N-6W EXT 655776 OSWG COMPL. INT. NCT 660' FB (COEXIST SP. ORDER # 53420 OSWG)
SPACING - 699467 (201902073)	1/2/2020 - GB6 - (I.O.) 27 & 22 -18N-6W EST MULTIUNIT HORIZONTAL WELL X699038 OSWG 27-18N-6W X655776 OSWG 22-18N-6W 50% 27-18N-6W 50% 22-18N-6W 07/22/2019

API 073-26660

KINGFISHER

County, Oklahoma

255' FSL - 1180' FWL Section 27 Township 18N Range 6W I.M.



Operator: CHESAPEAKE OPERATING, L.L.C.
Lease Name: RTA 27-18-6
Topography & Vegetation Loc. fell in cut wheat field
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 Jct or Town From Dover OK., go ± 1.3 mi. North, then ± 4.0 mi. East to the SW Cor. of Sec. 27-18N-R6W

ELEVATION:
1136' Gr. at Stake (NAVD83)
1136' Gr. at Stake (NGVD29)

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: 36°00'03.5"N
LONG: 97°49'54.7"W
LAT: 36.000979° N
LONG: 97.831870° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2049733.5
Y: 364407.4

Revision ☒ A Date of Drawing: Dec 05, 2019
Project # 126528 Date Staked: Dec 04, 2019 AC

CERTIFICATE:

I, DAN W. ROGERS, an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Dan W. Rogers
Oklahoma Lic. No. 1200

