

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

API NUMBER: 073 26545

Approval Date: 04/18/2019
Expiration Date: 10/18/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 20N Rge: 9W

County: KINGFISHER

SPOT LOCATION: S2 S2 S2 SW

FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 202 1320

Lease Name: AHUMADO 19-01-03

Well No: 1MH

Well will be 202 feet from nearest unit or lease boundary.

Operator Name: CHISHOLM OIL & GAS OPERATING LLC

Telephone: 9184886400

OTC/OCC Number: 23991 0

CHISHOLM OIL & GAS OPERATING LLC
6100 S YALE AVE STE 1700
TULSA, OK 74136-1921

CATHY HOWARD
5880 E. 590 RD.
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	7270	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 637151

Location Exception Orders: 692111
2612

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 13338

Ground Elevation: 1172

Surface Casing: 380

Depth to base of Treatable Water-Bearing FM: 330

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pit

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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

Approved Method for Disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 19-36501

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Cancel
Permit Per operator
6-21-19 CKL

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 03 Twp 19N Rge 9W County KINGFISHER

Spot Location of End Point: S2 S2 S2 SW

Feet From: SOUTH 1/4 Section Line: 175

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 7550

Radius of Turn: 521

Direction: 180

Total Length: 4970

Measured Total Depth: 13338

True Vertical Depth: 8071

End Point Location from Lease,
Unit, or Property Line: 175

Notes:

Category

Description

EXCEPTION TO RULE - 692612

4/18/2019 - G56 - (I.O.) 3-19N-9W
X165:10-3-28(C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO JACK 3 NO. 1, MARY NO. 1 WELLS
CHISHOLM OIL & GAS OPERATING, LLC
3/8/2019

HYDRAULIC FRACTURING

4/13/2019 - 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

LOCATION EXCEPTION - 692611

4/18/2019 - G56 - (I.O.) 3-19N-9W
X637151 MSSP
COMPL INT NCT 150' FNL, NCT 150' FSL, NCT 330' FWL
CHISHOLM OIL & GAS OPERATING, LLC
3/8/2019

SPACING - 637151

4/18/2019 - G56 - (640)(HOR) 3-19N-9W
EXT 612674 MSSP, OTHERS
COMPL INT NLT 660' FB
(COEXIST WITH SP # 99023/100040 MSSSD, # 100520 MRMC)

