

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

API NUMBER: 047 25153

Approval Date: 06/14/2018

Expiration Date: 12/14/2018

Horizontal Hole Injection

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 20N Rge: 7W

County: GARFIELD

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 225 2455

Lease Name: JASPER 20-07-23

Well No: 1H

Well will be 225 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

STACI M. HLADIK KOKOJAN, REMAINDERMAN
7328 WEST WOOD ROAD
WAUKOMIS OK 73773

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	6802	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 626929

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201706116
201804295

Special Orders:

Total Depth: 12321

Ground Elevation: 1171

Surface Casing: 410

Depth to base of Treatable Water-Bearing FM: 360

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: 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 BED AQUIFER

Pit Location Formation: BISON

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34039
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 23 Twp 20N Rge 7W County GARFIELD

Spot Location of End Point: NE NE NE NW

Feet From: NORTH 1/4 Section Line: 172

Feet From: WEST 1/4 Section Line: 2336

Depth of Deviation: 6800

Radius of Turn: 535

Direction: 355

Total Length: 4681

Measured Total Depth: 12321

True Vertical Depth: 7490

End Point Location from Lease,
Unit, or Property Line: 172

Additional Surface Owner	Address	City, State, Zip
HELEN R. CRAUN, LIFE ESTATE	16706 S. OAKWOOD	BISON, OK 73720

Notes:

Category

Description

HYDRAULIC FRACTURING

3/2/2018 - 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

PENDING CD - 201706116

3/19/2018 - G58 - (I.O.) 23-20N-7W
X626929 MSSP**
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FWL
NO OP. NAMED
REC 12/11/2017 (JOHNSON)

**S/B X626929/201804295 MSSP

PENDING CD - 201804295

6/12/2018 - G58 - AMENDS SP. ORDER 626929 TO COEXIST SP. 65632 MNNG
HEARING 6/18/2018
OK'D PER HULLINGER

SPACING - 626929

3/19/2018 - G58 - (640)(HOR) 23-20N-7W
EXT OTHERS
EST MSSP, OTHERS
COMPL. INT. NCT 660' FB
(COEXIST SP. ORDER 62770 MSSLM; SP. ORDER 170081 OTHER**)

**S/B (COEXIST SP ORDER 62770 MSSLM; SP. ORDER 65632 MNNG; SP. ORDER 170081 OTHER (NW4) {SKNR}; SP. ORDER 161290 OTHER (SE4) {SKNR})

PENDING CD 201804295 AMENDS SP ORDER 626929 TO COEXIST SP. ORDER 65632 MNNG;
APPLICATION RECEIVED BY TECHNICAL DEPT. OK'D PER HULLINGER

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

047 25153 JASPER 20-07-23 1H

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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.

