

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

API NUMBER: 073 26638

Approval Date: 10/31/2019

Expiration Date: 04/30/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 19N Rge: 7W County: KINGFISHER

SPOT LOCATION: ☐ NE ☐ NW ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 200 850

Lease Name: MILES CITY 20-07-32

Well No: 1MH

Well will be 200 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

MICKEY JAY BULLIS
10 COUNTRY CLUB DRIVE
HENNESSEY OK 73742

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	7114	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 702499

Location Exception Orders: 704219

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12716

Ground Elevation: 1117

Surface Casing: 400

Depth to base of Treatable Water-Bearing FM: 350

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 BED AQUIFER

Pit Location Formation: BISON

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-37006
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 32 Twp 20N Rge 7W County GARFIELD

Spot Location of End Point: NE NE NW NE

Feet From: NORTH 1/4 Section Line: 150

Feet From: EAST 1/4 Section Line: 1380

Depth of Deviation: 6928

Radius of Turn: 518

Direction: 356

Total Length: 4974

Measured Total Depth: 12716

True Vertical Depth: 7449

End Point Location from Lease,
Unit, or Property Line: 150

Notes:

Category

Description

HYDRAULIC FRACTURING

9/27/2019 - GC2 - 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 - 704219

10/31/2019 - G56 - (I.O.) 32-20N-7W
X702499 MSSP
COMPL INT NCT 150' FNL, NCT 150' FSL, NCT 330' FEL
CHISHOLM OIL & GAS OPERATING, LLC
10/25/2019

SPACING - 702499

10/31/2019 - G56 - (640)(HOR) 32-20N-7W
VAC 639426 MNNG
EST MSSP
POE TO BHL NLT 660' FB
(COEXIST WITH SP # 65632 MNNG, # 47499 MRMC)

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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 26638 MILES CITY 20-07-32 1MH

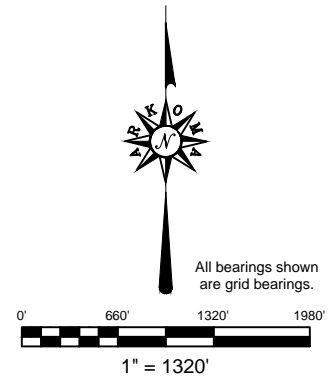


Well Location Plat

S.H.L. Sec. 5-19N-7W I.M.
B.H.L. Sec. 32-20N-7W I.M.

Operator: CHISHOLM OIL & GAS OPERATING, LLC
Lease Name and No.: MILES CITY 20-07-32 1MH
Footage: 200' FNL - 850' FEL Gr. Elevation: 1117'
NE/4-NW/4-NE/4-NE/4 Section: 5 Township: 19N Range: 7W I.M.
County: Kingfisher State of Oklahoma
Terrain at Loc.: Location fell in a flat open field.

073-26638



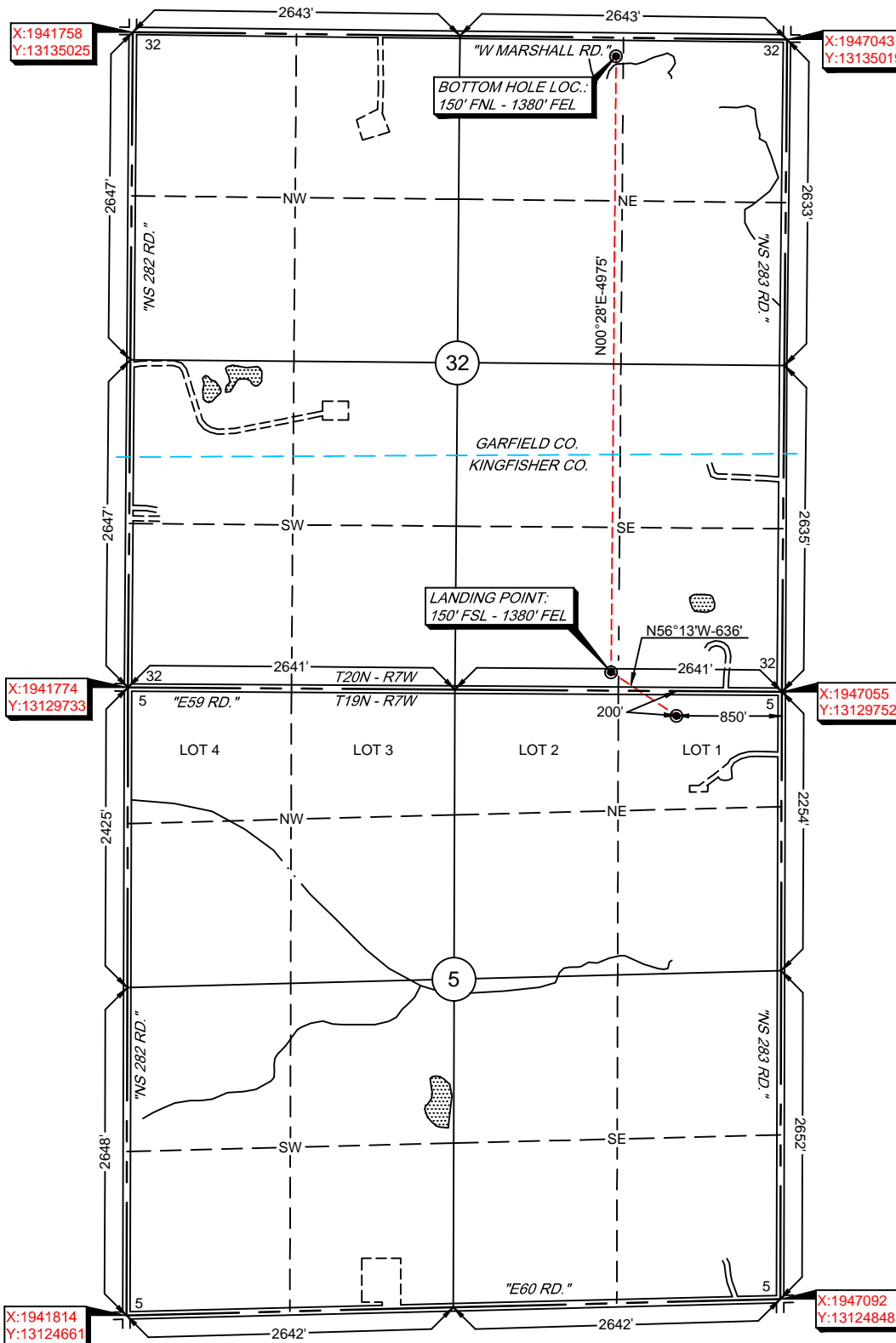
GPS DATUM
NAD 83
NAD 27
UTM - ZONE 14

Surface Hole Loc.:
Lat: 36°09'32.99"N
Lon: 97°57'50.93"W
Lat: 36.15912682
Lon: -97.96381145
X:1946207
Y:13129549

Landing Point:
Lat: 36°09'36.49"N
Lon: 97°57'57.37"W
Lat: 36.16009844
Lon: -97.96560045
X:1945675
Y:13129897

Bottom Hole Loc.:
Lat: 36°10'25.68"N
Lon: 97°57'56.86"W
Lat: 36.17376426
Lon: -97.96545893
X:1945664
Y:13134871

-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.
-NOTE: X and Y data shown herein for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.



Survey and plat by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2020

Invoice #8179-B
Date Staked: 06/24/19 By: D.K.
Date Drawn: 06/26/19 By: E.W.
Revised LP & BHL: 08/01/19 By: E.W.
Revised Lease Name: 09/25/19 By: R.S.

Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

LANCE G. MATHIS

09/25/19

OK LPLS 1664

