

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

API NUMBER: 093 25208

Approval Date: 03/08/2019

Expiration Date: 09/08/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 20N Rge: 9W

County: MAJOR

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 200 1600

Lease Name: NEWT 20-09-21

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

TERRI M. SMITH C/O TIM DECLERCK
202 W. BROADWAY AVE.
ENID OK 73701

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	7156	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 674317

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900832

Special Orders:

Total Depth: 13217

Ground Elevation: 1201

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

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 19-36306

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 21 Twp 20N Rge 9W County MAJOR

Spot Location of End Point: NE NE NE NW

Feet From: NORTH 1/4 Section Line: 175

Feet From: WEST 1/4 Section Line: 2630

Depth of Deviation: 7067

Radius of Turn: 750

Direction: 10

Total Length: 4972

Measured Total Depth: 13217

True Vertical Depth: 7950

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

Additional Surface Owner	Address	City, State, Zip
TERRI M. SMITH C/O TIM DECLERC	202 W. BROADWAY AVE.	ENID, OK 73701
GREGORY A. SCOTT C/O TIM DECL	202 W. BROADWAY AVE.	ENID, OK 73701

Notes:

Category

Description

HYDRAULIC FRACTURING

3/4/2019 - 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

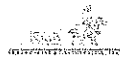
PENDING CD - 201900832

3/8/2019 - GA8 - (I.O.) 21-20N-9W
X674317 MSSP
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 660' FWL
NO OP. NAMED
REC. 2/25/2019 (M. PORTER)

SPACING - 674317

3/8/2019 - GA8 - (640)(HOR) 21-20N-9W
EST MSSP, OTHERS
POE TO BHL NLT 660' FB
(COEXIST SP. ORDER #150391 MNNG, OSGE & ORDER #64052 MRMC) **

** S/B COEXIST SP. ORDER # 64052 MSSLM; NUNC PRO TUNC HAS BEEN SUBMTTETD TO OCC FOR REVIEW PER ATTORNEY FOR OPERATOR



Well Location Plat

Operator: CHISHOLM OIL & GAS OPERATING, LLC

Lease Name and No.: NEWT 20-09-21 1MH

Footage: 200' FNL - 1600' FWL Gr. Elevation: 1201'

NW/4-NW/4-NE/4-NW/4 Section: 28 Township: 20N Range: 9W I.M.

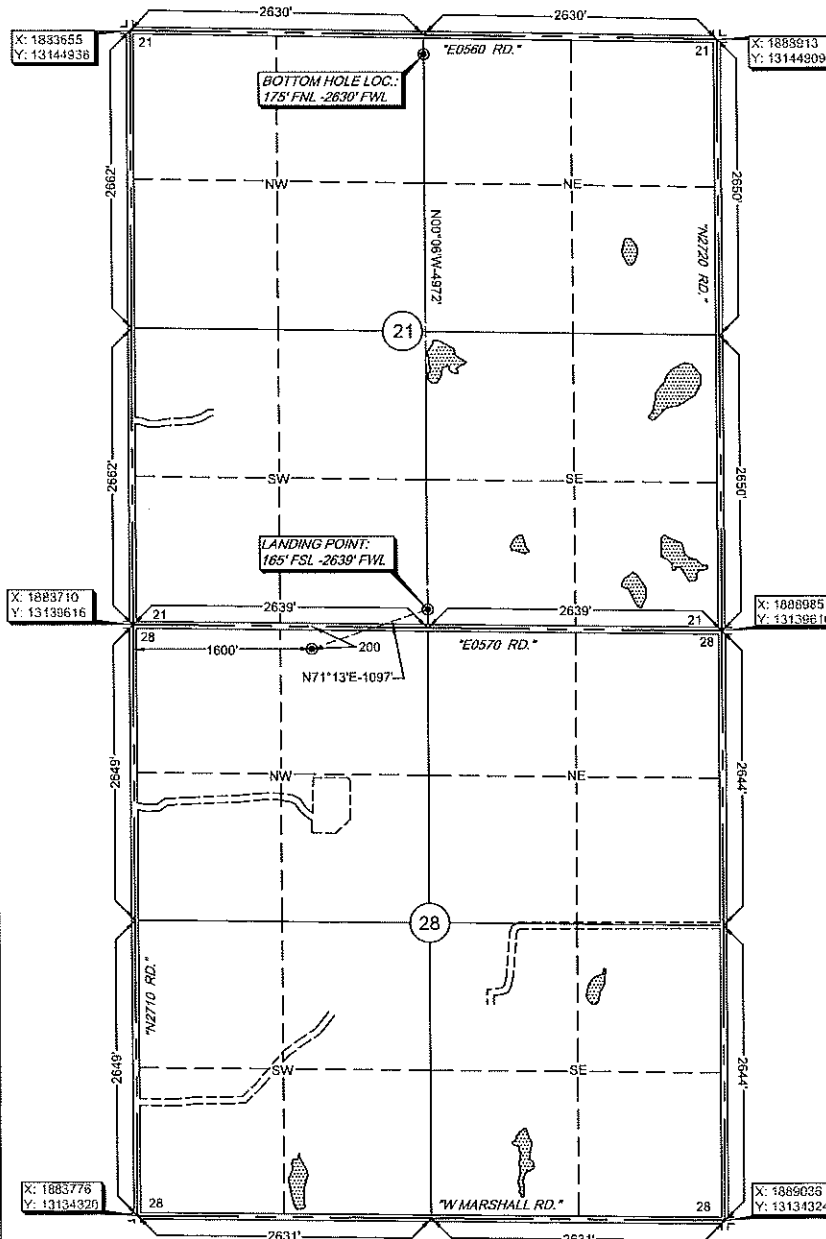
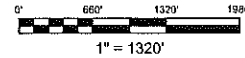
County: Major State of Oklahoma

Terrain at Loc.: Location fell in flat hay field.

S.H.L. Sec. 28-20N-9W I.M.
B.H.L. Sec. 21-20N-9W I.M.



All bearings shown
are grid bearings.



GPS DATUM
NAD 83
NAD 27
UTM - ZONE 14

Surface Hole Loc.:
Lat: 36°11'16.36"N
Lon: 98°10'12.70"W
Lat: 36.18784246
Lon: -98.16985080
X: 1885312
Y: 13139414

Landing Point:
Lat: 36°11'19.87"N
Lon: 98°10'00.04"W
Lat: 36.18881735
Lon: -98.16633327
X: 1886346
Y: 13139778

Bottom Hole Loc.:
Lat: 36°12'09.04"N
Lon: 98°10'00.25"W
Lat: 36.20247547
Lon: -98.16639228
X: 1886286
Y: 13144748

Arkoma Surveying and Mapping, PLLC is not a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping, PLLC for any information. GPS data is obtained from RTK - GPS. NOLE X and Y data shown herein for Section corners may have been obtained from a previous survey. The accuracy of the data shown herein is not guaranteed. Quarter Section corners may be assumed from a Government Survey Plat or assumed as a proportionate distance from adjoining 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 #8156-A

Date Staked: 09/12/18 By: Z.D.

Date Drawn: 09/13/18 By: J.D.

Rev. Lease Name: 01/08/19 By: R.S.

Rev. LP & BHL: 02/25/19 By: E.W.

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
LANCE G. MATHIS

02/27/19

OK LPLS 1664

