

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

API NUMBER: 083 24426

Approval Date: 04/04/2018

Expiration Date: 10/04/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 18N Rge: 4W

County: LOGAN

SPOT LOCATION: ☐ SE ☐ SE ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 220 1269

Lease Name: KING RANCH 18-04-32

Well No: 1H

Well will be 220 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

NANCY GREGORY BLAYLOCK
P.O. BOX 373
CRESCENT OK 73028

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	6212	6	
2	WOODFORD	6666	7	
3			8	
4			9	
5			10	

Spacing Orders: 663234

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201708484

Special Orders:

Total Depth: 11867

Ground Elevation: 1081

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: 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: 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: FAIRMONT

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

PERMIT NO: 18-34038

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 32 Twp 18N Rge 4W County LOGAN

Spot Location of End Point: SW SW SE SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1485

Depth of Deviation: 6079

Radius of Turn: 521

Direction: 175

Total Length: 4970

Measured Total Depth: 11867

True Vertical Depth: 6666

End Point Location from Lease,
Unit, or Property Line: 165

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 - 201708484

3/21/2018 - G56 - (I.O.) 32-18N-4W
X663234 MSSP, WDFD
COMPL INT NCT 150' FNL, NCT 150' FSL, NCT 660' FWL
NO OP NAMED
REC 1-8-18 (DUNN)

SPACING - 663234

3/21/2018 - G56 - (320) W2 32-18N-4W
VAC. OTHER
EST. MSSP, WDFD
COMPL INT (MSSP) NLT 660' FB
COMPL INT (WDFD) NLT 165' FNL/FSL NLT 330' FEL/FWL
(COEXIST 46016/62761 MSSLM)

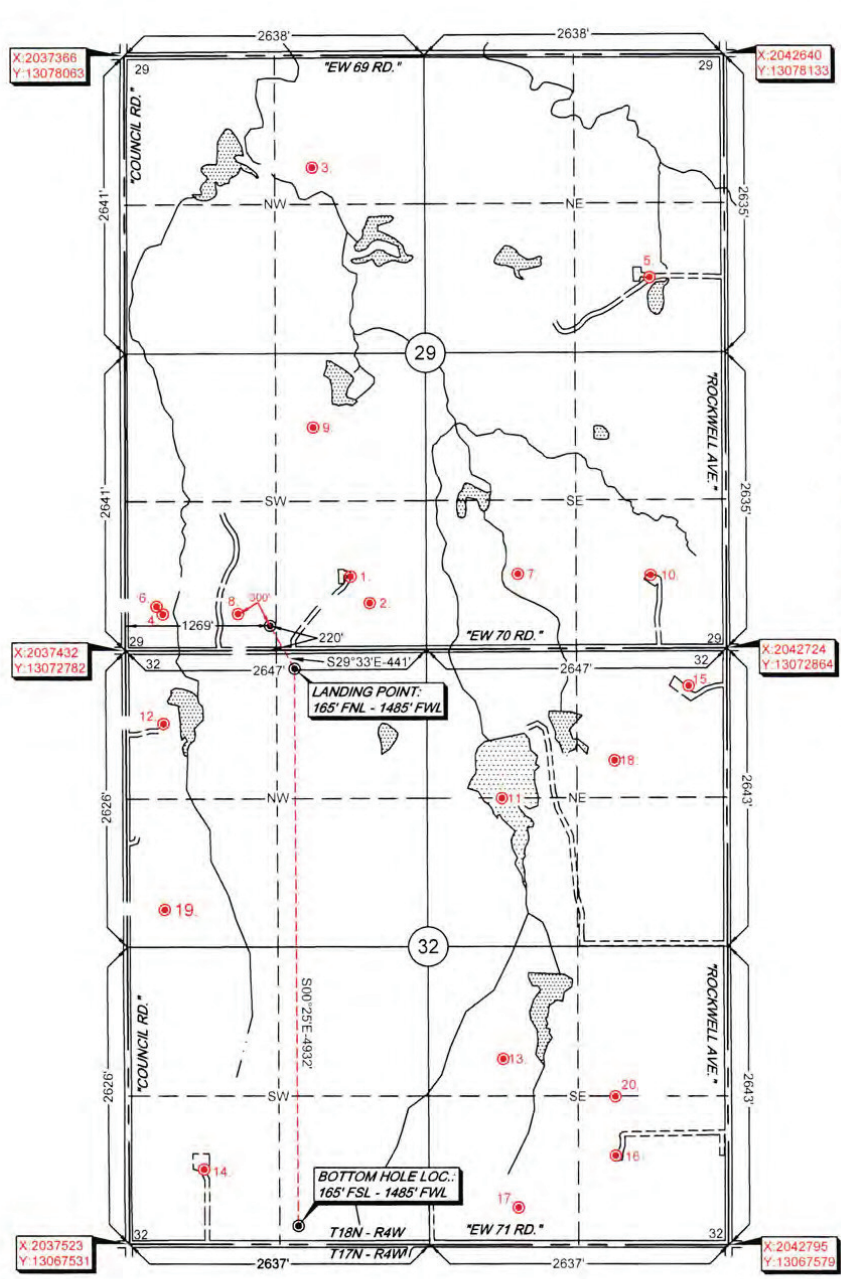
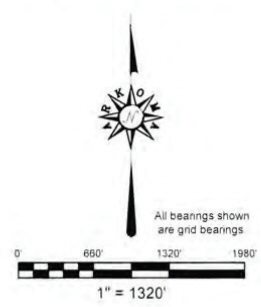
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083 24426 KING RANCH 18-04-32 1H

Operator: CHISHOLM OIL & GAS OPERATING, LLC
Lease Name and No.: KING RANCH 18-04-32 1H
Footage: 220' FSL - 1269' FWL Gr. Elevation: 1081'
SE/4-SE/4-SW/4-SW/4 Section: 29 Township: 18N Range: 4W I.M.
County: Logan State of Oklahoma
Terrain at Loc.: Location fell in a hilly, open pasture ±36' North of existing pipeline.



GPS DATUM
NAD 83
NAD 27
UTM - ZONE 14

Surface Hole Loc.:
Lat: 36°00'02.68"N
Lon: 97°39'12.41"W
Lat: 36.00070454
Lon: -97.65312146
X:2038698
Y:13073021

Landing Point:
Lat: 35°59'58.88"N
Lon: 97°39'09.78"W
Lat: 35.99964788
Lon: -97.65239054
X:2038919
Y:13072640

Bottom Hole Loc.:
Lat: 35°59'10.11"N
Lon: 97°39'09.57"W
Lat: 35.98609882
Lon: -97.65233149
X:2039005
Y:13067709

Please note that the location was taken on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of the survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any discrepancy is determined. GPS data is obtained from RTK. GPS coordinates are based on the NAD 83 datum. The coordinates shown on this plat are for the well locations only. The coordinates shown for the section corners may not have been surveyed. Quarter section distances may be assumed from a Government Survey Plat or assumed at a proportional 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, 2018

Invoice #7425-A-B
Date Staked: 01/26/18 By: C.K.
Date Drawn: 01/30/18 By: C.K.

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 02/02/18
OK LPLS 1664

