

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

API NUMBER: 039 22536

Approval Date: 04/18/2018
Expiration Date: 10/18/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 14N Rge: 14W County: CUSTER
SPOT LOCATION: NW NE NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 280 981

Lease Name: NOLT Well No: 1-14-11XHM Well will be 280 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC Telephone: 4052349020; 4052349 OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC
PO BOX 269000
OKLAHOMA CITY, OK 73126-9000

WAYNE SCHROCK
24327 E 930 RD
THOMAS OK 73669

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	13797	6	
2	WOODFORD	14787	7	
3			8	
4			9	
5			10	

Spacing Orders: 676169

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201601985
201708283
201708284

Special Orders:

Total Depth: 23963

Ground Elevation: 1702

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 320

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-33587
H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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

HORIZONTAL HOLE 1

Sec 11 Twp 14N Rge 14W County CUSTER

Spot Location of End Point: N2 NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 13515

Radius of Turn: 393

Direction: 354

Total Length: 9831

Measured Total Depth: 23963

True Vertical Depth: 14787

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

3/29/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

3/16/2018 - 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

MEMO

3/29/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201601985

3/29/2018 - G56 - (640) 14-14N-14W
VAC. 94272 MSCST
EXT. 99558 MSSP
EST. WDFD
REC. 3/14/18 (JACKSON)

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.

Category	Description
PENDING CD - 201708283	<p>3/29/2018 - G56 - (I.O.) 14 & 11-14N-14W EST. MULTIUNIT HOR. WELL X201601985 MSSP, WDFD (14-14N-14W) X201601988 MSSP, WDFD (11-14N-14W) ** (WDFD IS AN ADJACENT COMMON SOURCE OF SUPPLY TO MSSP) 50% (14-14N-14W) 50% (11-14N-14W) NO OP. NAMED REC. 3/6/18 (JACKSON)</p> <p>** WILL BE CORRECTED TO SP. ORDER 676169 AT FINAL HEARING PER OPERATOR</p>
PENDING CD - 201708284	<p>3/29/2018 - G56 - (I.O.) 14 & 11-14N-14W X201601985 MSSP, WDFD (14-14N-14W) X201601988 MSSP, WDFD (11-14N-14W) ** COMPL. INT. (14-14N-14W) NCT 330' FSL NCT 0' FNL, NCT 330' FWL COMPL. INT. (11-14N-14W) NCT 0' FSL NCT 150' FNL, NCT 330' FWL NO OP. NAMED REC. 3/6/18 (JACKSON)</p> <p>** WILL BE CORRECTED TO SP. ORDER 676169 AT FINAL HEARING PER OPERATOR</p>
SPACING - 676169	<p>3/29/2018 - G56 - (640) 11-14N-14W VAC. 94272 MSCST EST. MSSP, WDFD</p>

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.



Well Location Plat

EXHIBIT "A"
S.H.L. Sec. 23-14N-14W I.M.
B.H.L. Sec. 11-14N-14W I.M.
CLUSTER COUNTY

Operator : CONTINENTAL RESOURCES, INC.

	LEASE NAME	SHL	NAT. GR. ELEV.	LATITUDE	LONGITUDE	EASTING	NORTHING	BHL	LATITUDE	LONGITUDE	EASTING	NORTHING	DESIGN ELEV.		
A.	NOLT #1-14-11XHM	280' FNL 981' FWL	1702'	35°40'52.82"N	98°69'51.06"W	1802740	248687	50' FNL 330' FWL	35°42'38.62"N	98°39'58.22"W	1802223	259389	1701'		
				35°40'52.99"N	98°39'52.34"W	1771139	248713		35°42'38.79"N	98°39'59.50"W				1770622	259414
				35.68133777	-98.66418384				35.71072649	-98.66617100					
				35.68138706	-98.66453992				35.71077527	-98.66652819					

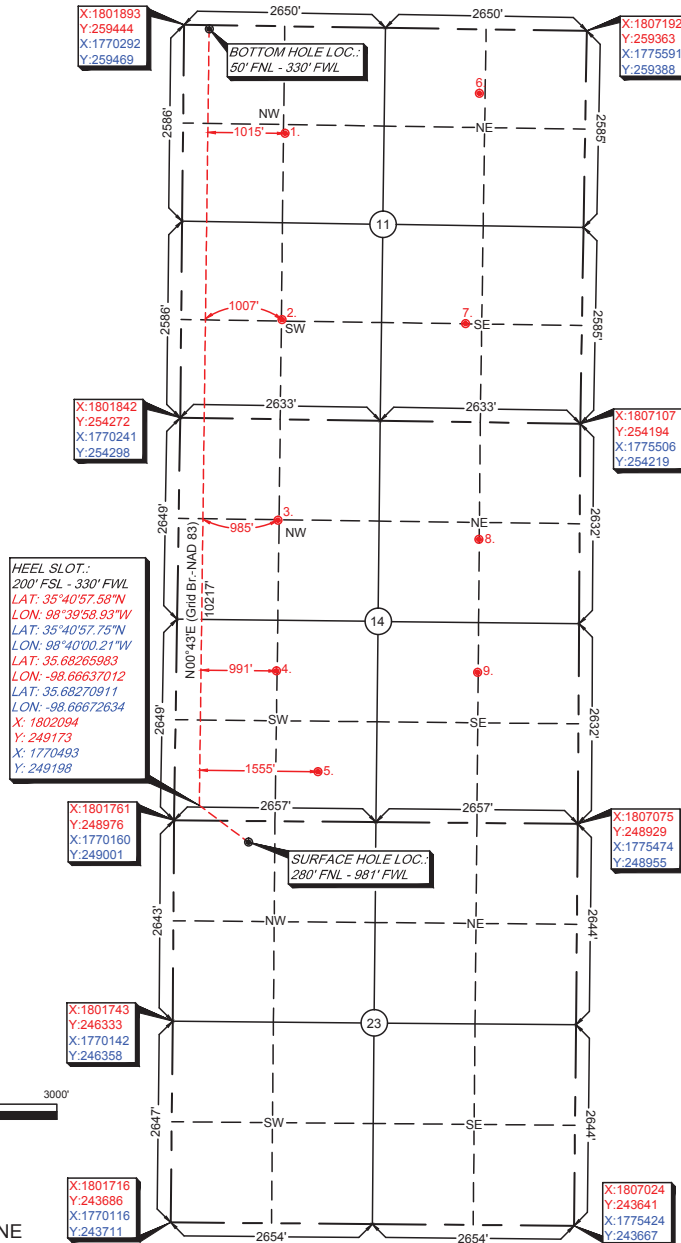
1. EXCALIBUR RESOURCES
STEARNS #3
1409' FNL - 1341' FWL
LAT: 35°42'25.09"N
LON: 98°39'46.00"W
LAT: 35.70698838
LON: -98.66277863
X: 1803221
Y: 258014

2. KINGFISHER RESOURCES
STEARNS #1
1311' FSL - 1327' FWL
LAT: 35°42'00.85"N
LON: 98°39'46.27"W
LAT: 35.70023628
LON: -98.66285317
X: 1803182
Y: 255564

3. SAMSON RESOURCES
MCNEILL #2-14
1330' FNL - 1305' FWL
LAT: 35°41'34.73"N
LON: 98°39'46.72"W
LAT: 35.69298155
LON: -98.66297864
X: 1803127
Y: 252923

4. SAMSON RESOURCES
MCNEILL #4-14
1976' FSL - 1316' FWL
LAT: 35°41'15.12"N
LON: 98°39'46.80"W
LAT: 35.68753275
LON: -98.66298892
X: 1803107
Y: 250940

5. EXCALIBUR RESOURCES
MCNEILL #5-14
657' FSL - 1883' FWL
LAT: 35°41'02.06"N
LON: 98°39'40.05"W
LAT: 35.68390673
LON: -98.66112623
X: 1803654
Y: 249616

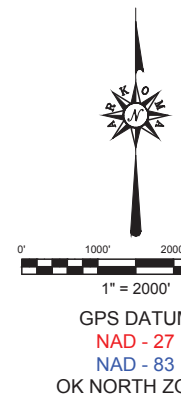


6. EXCALIBUR RESOURCES
STEARNS #4
944' FNL - 1400' FEL
LAT: 35°42'30.46"N
LON: 98°39'15.03"W
LAT: 35.70846135
LON: -98.65417461
X: 1805779
Y: 258540

7. EXCALIBUR RESOURCES
STEARNS #2
1294' FSL - 1534' FEL
LAT: 35°42'00.49"N
LON: 98°39'17.01"W
LAT: 35.70013675
LON: -98.65472508
X: 1805595
Y: 255511

8. ATHENA ENERGY
MCNEILL #1-14
1543' FNL - 1325' FWL
LAT: 35°41'32.42"N
LON: 98°39'14.63"W
LAT: 35.69233844
LON: -98.65406356
X: 1805772
Y: 252671

9. SAMSON RESOURCES
MCNEILL #3-14
1981' FSL - 1334' FEL
LAT: 35°41'15.12"N
LON: 98°39'14.72"W
LAT: 35.68753374
LON: -98.65408914
X: 1805753
Y: 250922



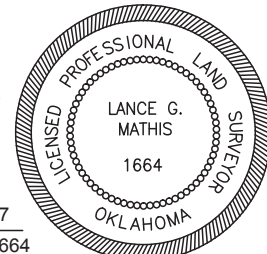
Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.
NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.

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.

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 August 31, 2018

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
11/21/17
OK LPLS 1664



Invoice #6410-A
Date Staked :07/28/16 By : C.K.
Date Drawn : 08/02/16 By : J.H.