

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

API NUMBER: 039 22486

Approval Date: 07/28/2016
Expiration Date: 01/28/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 15N Rge: 14W County: CUSTER
SPOT LOCATION: NE SE SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 375 1608

Lease Name: SWEENEY FEDERAL Well No: 1-20-17XH Well will be 375 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

B. LUCILLE SWEENEY LIFE ESTATE
P.O. BOX 723
THOMAS OK 73651

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

| Name | Depth | Name | Depth |
|------------|-------|------|-------|
| 1 WOODFORD | 13979 | 6 | |
| 2 | | 7 | |
| 3 | | 8 | |
| 4 | | 9 | |
| 5 | | 10 | |

Spacing Orders: 591643

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201602300
201602360
201602361
201603068

Special Orders:

Total Depth: 23476 Ground Elevation: 1699 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 300

Under Federal Jurisdiction: Yes Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE
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: 1B

Liner required for Category: 1B

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 16-31456

H. SEE MEMO

E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

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: ON SITE
Type of Mud System: OIL BASED
Chlorides Max: 300000 Average: 250000
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: 3
Liner required for Category: 3
Pit Location is AP/TE DEPOSIT
Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 17 Twp 15N Rge 14W County CUSTER
Spot Location of End Point: N2 NE NW NE
Feet From: NORTH 1/4 Section Line: 50
Feet From: EAST 1/4 Section Line: 1650
Depth of Deviation: 13121
Radius of Turn: 643
Direction: 359
Total Length: 9345
Measured Total Depth: 23476
True Vertical Depth: 13979
End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Table with 2 columns: Category, Description. Rows include DEEP SURFACE CASING, HYDRAULIC FRACTURING, INTERMEDIATE CASING, MEMO, and PENDING CD - 201602300.

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 - 201602360 | 7/25/2016 - G75 - (I.O.) 17 & 20-15N-14W EST MULTIUNIT HORIZONTAL WELL X201602300 WDFD, OTHERS 17-15N-14W X591643 WDFD 20-15N-14W 51.5% 17-15N-14W 48.5% 20-15N-14W CONTINENTAL RESOURCES, INC. REC 7-11-2016 (NORRIS) |
| PENDING CD - 201602361 | 7/25/2016 - G75 - (I.O.) 17 & 20-15N-14W X201602300 WDFD, OTHERS 17-15N-14W X591643 WDFD 20-15N-14W COMPL. INT. (20-15N-14W) NCT 150 TO SL, NCT 0 TO NL, NCT 1320 TO EL COMPL. INT. (17-15N-14W) NCT 0 TO SL, NCT 150 TO NL, NCT 1320 TO EL CONTINENTAL RESOURCES, INC. REC 7-11-2016 (NORRIS) |
| PENDING CD - 201603068 | 7/28/2016 - G75 - 20-15N-14W X591643 WDFD 1 WELL NO OP. NAMED HEARING 8-29-2016 |
| SPACING - 591643 | 7/25/2016 - G75 - (640) 20-15N-14W EXT OTHER EST WDFD, OTHERS |
| SURFACE CASING | 7/22/2016 - G71 - MIN. 500' PER ORDER # 42589 |

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

S.H.L. Sec. 20-15N-14W I.M.
B.H.L. Sec. 17-15N-14W I.M.

Lease Name and No. :SWEENEY #1-20-17XH
Footage : 375' FSL - 1608' FEL GR. ELEVATION : 1699' Good Site? YES
Section: 20 Township: 15N Range: 14W I.M.
County : Custer State of Oklahoma
Terrain at Loc. : Location fell in flat, open wheat field.
Accessibility : From the East.

API 039-22486

Directions : From the the intersection of "State Highway 54" and "State Highway 33" East of the town of Thomas, OK, go 1.2 miles Northeast on "State Highway 33" and 1.5 miles North on "NS 241 RD." to the Northeast Corner of Section 17-15N-14W.



0 750 1500 2250

1"=1500'

GPS DATUM

NAD 83

OK NORTH ZONE

NAD 27

OK NORTH ZONE

BASIS OF BEARING:
GRID NORTH - NAD 83
STATE PLANE - OK NORTH ZONE

Surface Hole Loc.:
Lat: 35.75542336
Lon: -98.70854935
X: 1758265
Y: 275754

Surface Hole Loc.:
Lat: 35.75537492
Lon: -98.70818942
X: 1789867
Y: 275729

Heel Slot:
Lat: 35.75542336
Lon: -98.70869102
X: 1758223
Y: 275755

Heel Slot:
Lat: 35.75537501
Lon: -98.70833043
X: 1789825
Y: 275729

Bottom Hole Loc.:
Lat: 35.78314212
Lon: -98.70863609
X: 1758313
Y: 285844

Bottom Hole Loc.:
Lat: 35.78309374
Lon: -98.70827454
X: 1789915
Y: 285818

BASIS OF ELEVATION:
Topo Elev.=1692' @
NE Cor. Section 20, T15N-R14W
Tied with
Topo Elev.=1680' @
NW Cor. Section 22, T15N-R14W

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.

FC OCCP
X: 1754578
Y: 285787
X: 1786180
Y: 285761

5/8" IR
X: 1759964
Y: 285941
X: 1791566
Y: 285916

BOTTOM HOLE LOC.:
50' FNL - 1650' FEL

FC OCCP
X: 1754560
Y: 280707
X: 1786162
Y: 280681

IRON ROD
X: 1759920
Y: 280643
X: 1791522
Y: 280618

IRON ROD
X: 1754570
Y: 275414
X: 1786172
Y: 275389

1/2" IR
X: 1759870
Y: 275364
X: 1791471
Y: 275338

HEEL SLOT:
375' FSL - 1650' FEL

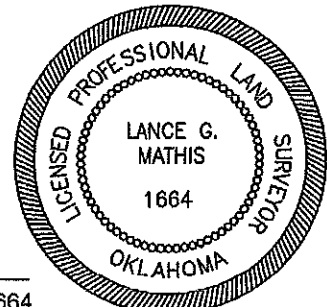
SURFACE HOLE LOC.:
375' FSL - 1608' FEL

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.

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, 2016

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 10/26/15
OK LPLS 1664

Invoice # 5533-A
Date Staked : 10/20/15 By : R.L.
Date Drawn : 10/23/15 By : J.H.