

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

API NUMBER: 019 26159

Approval Date: 12/23/2014
Expiration Date: 06/23/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 3S Rge: 3W

County: CARTER

SPOT LOCATION: NW NE NW NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 209 925

Lease Name: GRETTA

Well No: 1-17-20XH

Well will be 209 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC

Telephone: 4052349000; 4052349

OTC/OCC Number: 3186 0

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

ALVIN AND SONDR A JENNINGS
5041 ARCO ROAD
HEALDTON OK 73438

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

| | Name | Depth | Name | Depth |
|---|---------------------|-------|------|-------|
| 1 | LOWER DORNICK HILLS | 9575 | 6 | |
| 2 | SPRINGER | 10438 | 7 | |
| 3 | SYCAMORE | 12670 | 8 | |
| 4 | WOODFORD | 12851 | 9 | |
| 5 | HUNTON | 13300 | 10 | |

Spacing Orders: 611913

Location Exception Orders: 201406200

Increased Density Orders: 201406201

Pending CD Numbers: 201406197
201406199

Special Orders:

Total Depth: 20820

Ground Elevation: 1054

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 530

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: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 3000 Average: 2500

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: GARBER

D. One time land application -- (REQUIRES PERMIT)
H. SEE MEMO

PERMIT NO: 14-28577

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: 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: 3
Liner required for Category: 3
Pit Location is BED AQUIFER
Pit Location Formation: GARBER

HORIZONTAL HOLE 1

Sec 20 Twp 3S Rge 3W County CARTER
Spot Location of End Point: N2 NW NW SW
Feet From: SOUTH 1/4 Section Line: 2500
Feet From: WEST 1/4 Section Line: 330
Depth of Deviation: 12580
Radius of Turn: 12
Direction: 1
Total Length: 7350
Measured Total Depth: 20820
True Vertical Depth: 13300
End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Table with 2 columns: Category, Description. Contains notes about casing, pits, and amendments.

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| Category | Description |
|------------------------|------------------------------------------------------------------------------------------------------------------------------|
| PENDING CD - 201406201 | 12/23/2014 - G72 - 20-03S-03W (E.O.) X 611913 SCMR, WDFD, HNTN, 1 WELL, NO OPER NAMED, REC 12/12/2014 (M PORTER) |
| SPACING - 611913 | 12/22/2014 - G72 - (640) 20-3S-3W VAC 196547 SPRG EXT 608307 SCMR, WDFD, HNTN, OTHERS EST SPRG, OTHERS |

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