

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

API NUMBER: 015 23273

Approval Date: 11/16/2016  
Expiration Date: 05/16/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 12N Rge: 13W

County: CADDO

SPOT LOCATION:  SE  SW  SE  SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 265 800

Lease Name: KIMBLE

Well No: 1-16-9XH

Well will be 265 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

DOUG EICHELBERGER  
RT 1 BOX 164  
HYDRO OK 73048

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	16220	6	
2	WOODFORD	16965	7	
3			8	
4			9	
5			10	

Spacing Orders: 587639

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201604235  
201604533  
201604532

Special Orders:

Total Depth: 27005

Ground Elevation: 1638

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 250

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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 BED AQUIFER

Pit Location Formation: RUSH SPRINGS

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 16-31837

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 BED AQUIFER
Pit Location Formation: RUSH SPRINGS

HORIZONTAL HOLE 1

Sec 09 Twp 12N Rge 13W County CADDO
Spot Location of End Point: N2 NE NE NE
Feet From: NORTH 1/4 Section Line: 50
Feet From: EAST 1/4 Section Line: 330
Depth of Deviation: 16488
Radius of Turn: 490
Direction: 5
Total Length: 9747
Measured Total Depth: 27005
True Vertical Depth: 16965
End Point Location from Lease,
Unit, or Property Line: 50

Additional Surface Owner Address City, State, Zip
JEREMY STEGALL BOX 183 HYDRO, OK 73048

Notes:

Table with 2 columns: Category and Description. Rows include DEEP SURFACE CASING, HYDRAULIC FRACTURING, MEMO, PENDING CD - 201604235, and PENDING CD - 201604532.

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Category	Description
PENDING CD - 201604533	11/15/2016 - G64 - (I.O.) 9 & 16-12N-13W EST MULTIUNIT HORIZONTAL WELL X587639 MSSP, WDFD, OTHER (16-12N-13W) X201604235 MSSP, WDFD, OTHER (9-12N-13W) (MSSP ASSOCIATED COMMON SOURCE OF SUPPLY TO WDFD) 50% 16-12N-13W 50% 9-12N-13W NO OP. NAMED REC. 11-7-2016 (DUNN)
SPACING - 587639	11/15/2016 - G64 - (640) 16-12N-13W VAC 179990 CSTR EXT 583379 MSSP, WDFD, OTHER

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 Office of the Conservation Division as to when Surface Casing will be run.

