

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

API NUMBER: 043 23500

Approval Date: 02/14/2017
Expiration Date: 08/14/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 16N Rge: 14W County: DEWEY
SPOT LOCATION: NW NW NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 230 1350

Lease Name: ARLETA K Well No: 1-20-29XH Well will be 230 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

ARLETA KAY DIDIER
24467 EAST 860 ROAD
FAY OK 73646

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

Name	Depth	Name	Depth
1 WOODFORD	12488	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 579278

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201602758
201606128
201606129

Special Orders:

Total Depth: 22578

Ground Elevation: 1678

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 510

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 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: 17-32064

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: 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 AP/TE DEPOSIT
Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 29 Twp 16N Rge 14W County DEWEY
Spot Location of End Point: S2 SW SE SW
Feet From: SOUTH 1/4 Section Line: 50
Feet From: WEST 1/4 Section Line: 1650
Depth of Deviation: 12026
Radius of Turn: 490
Direction: 178
Total Length: 9782
Measured Total Depth: 22578
True Vertical Depth: 12488
End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Table with 2 columns: Category, Description. Rows include COMPLETION INTERVAL, DEEP SURFACE CASING, HYDRAULIC FRACTURING, INTERMEDIATE CASING, MEMO, and PENDING CD - 201602758.

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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 - 201606128	2/1/2017 - G64 - (I.O.) 20 & 29-16N-14W EST MULTIUNIT HORIZONTAL WELL X579278 WDFD, OTHERS 20-16N-14W X201602758 WDFD, OTHERS 29-16N-14W 50% 20-16N-14W 50% 29-16N-14W NO OP. NAMED REC. 1-24-2017 (DUNN)
PENDING CD - 201606129	2/1/2017 - G64 - (I.O.) 20 & 29-16N-14W X579278 WDFD, OTHERS 20-16N-14W X201602758 WDFD, OTHERS 29-16N-14W COMPL. INT. (20-16N-14W) NCT 150' FNL, NCT 0' FSL, NCT 1320' FWL COMPL. INT. (29-16N-14W) NCT 0' FNL, NCT 150' FSL, NCT 1320' FWL NO OP. NAMED REC. 1-24-2017 (DUNN)
SPACING - 579278	2/1/2017 - G64 - (640) 20-16N-14W EXT 576003 WDFD, OTHER EST OTHER

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