

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

API NUMBER: 011 23790 A

Approval Date: 04/27/2017
Expiration Date: 10/27/2017

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: ADD FORMATION; UPDATE FORMATION DEPTHS,
TOTAL DEPTH, BOTTOM-HOLE INFORMATION & ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 13N Rge: 13W County: BLAINE
SPOT LOCATION: ☐ SE ☐ SE ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 55 290

Lease Name: DR Well No: 1-1-36XH Well will be 55 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

MARK MCKINLEY
95954 N. 2503 ROAD
GEARY OK 73040

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	14684	6	
2	WOODFORD	14794	7	
3			8	
4			9	
5			10	

Spacing Orders: 665204
664724
688461

Location Exception Orders: 689342

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 24595

Ground Elevation: 1630

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 210

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 BED AQUIFER

Pit Location Formation: RUSH SPRINGS

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-32497

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: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: RUSH SPRINGS

HORIZONTAL HOLE 1

Sec 36 Twp 14N Rge 13W County BLAINE

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 82

Feet From: EAST 1/4 Section Line: 422

Depth of Deviation: 13946

Radius of Turn: 600

Direction: 359

Total Length: 9706

Measured Total Depth: 24595

True Vertical Depth: 14794

End Point Location from Lease,
Unit, or Property Line: 82

Notes:

Category

Description

HYDRAULIC FRACTURING

4/26/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE

LOCATION EXCEPTION - 689342

2/28/2019 - G75 - (F.O.) 1-13N-13W & 36-14N-13W
X664724 MSSP, WDFD 1-13N-13W
X665204 MSSP, WDFD 36-14N-13W
SHL (1-13N-13W) 55' FSL, 290' FEL
COMPL. INT. MSSP (1-13N-13W) 560' FSL, 380' FEL
COMPL. INT. WDFD (1-13N-13W) 665' FSL, 395' FEL
COMPL. INT. WDFD (36-14N-13W) 286' FNL, 413' FEL
CONTINENTAL RESOURCES, INC.
1-9-2019

MEMO

4/26/2017 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 664724

2/28/2019 - G75 - (640) 1-13N-13W
VAC 146186 CSTR
EST MSSP, WDFD, OTHER

SPACING - 665204

2/28/2019 - G75 - (640) 36-14N-13W
EST MSSP, WDFD, OTHER

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.

011 23790 DR 1-1-36XH

Category	Description
SPACING - 688461	2/28/2019 - G75 - (F.O.) 1-13N-13W & 36-14N-13W EST MULTIUNIT HORIZONTAL WELL X664724 MSSP, WDFD 1-13N-13W X665204 MSSP, WDFD 36-14N-13W (MSSP ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 48.62% 1-13N-13W 51.38% 36-14N-13W CONTINENTAL RESOURCES, INC. 12-18-2018