

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

API NUMBER: 051 24728 A

Approval Date: 10/22/2019
Expiration Date: 04/22/2021

Horizontal Hole
Multi Unit

Oil & Gas

Amend reason: OCC CORRECTION - CHANGE LAT AND LONG

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 7N Rge: 5W County: GRADY
SPOT LOCATION: SE NE SW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 1745 1581

Lease Name: EMERY Well No: 4-16-9XHW Well will be 1581 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

DUSTY AND KELLY RICKS REV TRUST
P.O. BOX 933
BLANCHARD OK 73010

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

Name	Depth	Name	Depth
1 WOODFORD	11789	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 644200
653269

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201904918
201904919
201904912
201904913

Special Orders:

Total Depth: 20060 Ground Elevation: 1247

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 390

Deep surface casing has been approved

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: 5000 Average: 3000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36755
H. SEE MEMO

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 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: 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

HORIZONTAL HOLE 1

Sec 09 Twp 7N Rge 5W County GRADY

Spot Location of End Point: NW NE NW NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1760

Depth of Deviation: 11023

Radius of Turn: 488

Direction: 355

Total Length: 8271

Measured Total Depth: 20060

True Vertical Depth: 12000

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

10/9/2019 - GC2 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

10/9/2019 - GC2 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

MEMO

10/18/2019 - GC2 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WINTER CREEK LAKE), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201904912

10/18/2019 - GC2 - 16-7N-5W
X644200 WDFD
6 WELLS
NO OP. NAMED
REC. 10-21-2019 (P. PORTER)

This permit does not address the right of entry or settlement of surface damages.

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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.

051 24728 EMERY 4-16-9XHW

PENDING CD - 201904913	10/18/2019 - GC2 - 9-7N-5W X653269 WDFD 3 WELLS NO OP. NAMED REC. 10-21-2019 (P. PORTER)
PENDING CD - 201904918	10/18/2019 - GC2 - (I.O.) 16 & 9-7N-5W EST MULTIUNIT HORIZONTAL WELL X644200 WDFD 16-7N-5W X653269 WDFD 9-7N-5W 33% 16-7N-5W 67% 9-7N-5W CONTINENTAL RESOURCES, INC REC. 10-21-2019 (P. PORTER)
PENDING CD - 201904919	10/18/2019 - GC2 - (I.O.) 16 & 9-7N-5W X644200 WDFD 16-7N-5W X653269 WDFD 9-7N-5W X165:10-3-28(C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO EXISTING AND/OR PROPOSED WELL COMPL. INT. (16-7N-5W) NCT 1,320' FSL, NCT 0' FNL, NCT 660' FEL COMPL. INT. (9-7N-5W) NCT 0' FSL, NCT 150' FNL, NCT 660' FEL CONTINENTAL RESOURCES, INC REC 10-21-2019 (P. PORTER)
SPACING - 644200	10/18/2019 - GC2 - (640)(HOR) 16-7N-5W EXT (VER) OTHERS EST (VER) OTHERS EST (HOR) WDFD, OTHER VAC OTHERS COMPL. INT. NCT 330' FB
SPACING - 653269	10/18/2019 - GC2 - (640)(HOR) 9-7N-5W EXT 643068 WDFD, OTHERS EXT OTHER COMPL. INT. NCT 165' FNL/FSL, NCT 330' FEL/FWL