

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

API NUMBER: 137 27468 A

Approval Date: 11/23/2015
Expiration Date: 05/23/2016

Horizontal Hole Oil & Gas

Amend reason: CHANGE WELL NUMBER, TOTAL DEPTH &
BOTTOM-HOLE LOCATION; DELETE FORMATIONS; UPDATE
ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 2N Rge: 4W

County: STEPHENS

SPOT LOCATION: ☐ NE ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 300 2575

Lease Name: SYMPSON

Well No: 4-7H

Well will be 300 feet from nearest unit or lease boundary.

Operator CONTINENTAL RESOURCES INC
Name:

Telephone: 4052349020; 4052349

OTC/OCC Number: 3186 0

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

DETRA ANN BRANCH, TRUSTEE
P.O. BOX 729
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 WOODFORD	16103	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 599570

Location Exception Orders: 678710

Increased Density Orders: 647328

Pending CD Numbers:

Special Orders:

Total Depth: 20712

Ground Elevation: 1179

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 220

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: WATER BASED

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

PERMIT NO: 15-30864

Chlorides Max: 3000 Average: 2500

H. SEE MEMO

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: DUNCAN

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: DUNCAN

HORIZONTAL HOLE 1

Sec 07 Twp 2N Rge 4W County STEPHENS

Spot Location of End Point: SE NW NE NW

Feet From: NORTH 1/4 Section Line: 520

Feet From: WEST 1/4 Section Line: 1855

Depth of Deviation: 15206

Radius of Turn: 477

Direction: 355

Total Length: 4757

Measured Total Depth: 20712

True Vertical Depth: 16103

End Point Location from Lease,
Unit, or Property Line: 520

Notes:

Category

Description

DEEP SURFACE CASING

11/20/2015 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

11/20/2015 - 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.

INCREASED DENSITY - 647328

3/24/2017 - G75 - 7-2N-4W
X599570 WDFD
9 WELLS
CONTINENTAL RESOURCES, INC.
12-1-2015 (WELL SPUD 12-13-2015)

LOCATION EXCEPTION - 678710

6/15/2018 - G75 - (F.O.)
X599570 WDFD 7-2N-4W
X165:10-3-28(C)(2)(B) 522' TO SYMPSON 5-7-6XH, 515' TO SYMPSON 13-6-7XH
SHL (18-2N-4W) 300 FNL, 2575 FWL
COMPL. INT. (7-2N-4W) 162' FSL & 1844' FWL, 1893' FNL & 1845' FWL
BHL (7-2N-4W) 520' FNL, 1855' FWL
CONTINENTAL RESOURCES, INC.
6-5-2018

MEMO

11/20/2015 - G71 - PIT 1 & 2 - CONCRETE-LINED PIT PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS TO DEQ APPROVED FACILITY (SOUTHERN PLAINS LANDFILL, GRADY CO., # 3526013)

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

137 27468 SYMPSON 4-7H

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.

Category	Description
SPACING - 599570	6/15/2018 - G75 - (640) 7-2N-4W EXT OTHERS EXT 582855 WDFD, OTHERS

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.