

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

API NUMBER: 137 27471 A

Approval Date: 11/21/2016  
Expiration Date: 05/21/2017

Horizontal Hole Oil & Gas

PERMIT TO DEEPEN

WELL LOCATION: Sec: 06 Twp: 2N Rge: 4W

County: STEPHENS

SPOT LOCATION:  SE  NE  NE  NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 430 2460

Lease Name: SYMPSON

Well No: 6-6-7XH

Well will be 430 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

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

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

	Name	Depth	Name	Depth
1	SYCAMORE	15426	6	
2	WOODFORD	15676	7	
3	HUNTON	16063	8	
4			9	
5			10	

Spacing Orders: 602911  
599570  
648344

Location Exception Orders: 647910  
658100

Increased Density Orders: 646691  
647328

Pending CD Numbers:

Special Orders:

Total Depth: 25498

Ground Elevation: 1171

Surface Casing: 1464 IP

Depth to base of Treatable Water-Bearing FM: 190

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 3000 Average: 2500

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

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

H. SEE MEMO

PERMIT NO: 16-31778

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 BED AQUIFER
Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 07 Twp 2N Rge 4W County STEPHENS
Spot Location of End Point: SW SW SW SE
Feet From: SOUTH 1/4 Section Line: 30
Feet From: EAST 1/4 Section Line: 2385
Depth of Deviation: 14926
Radius of Turn: 477
Direction: 175
Total Length: 9823
Measured Total Depth: 25498
True Vertical Depth: 16063
End Point Location from Lease,
Unit, or Property Line: 30

Notes:

Table with 2 columns: Category, Description. Contains notes on hydraulic fracturing requirements and well density exceptions.

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Category	Description
MEMO	10/31/2016 - G71 - PIT 1 & 2 - CONCRETE-LINED PIT PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS TO DEQ APPROVED FACILITIES (PAULS VALLEY LANDFILL, GARVIN CO., # 3525009 OR SOUTHERN PLAINS LANDFILL, GRADY CO., # 3526013)
SPACING - 599570	10/31/2016 - G75 - (640) 7-2N-4W EXT OTHERS EXT 582855 SCMR, WDFD, HNTN, OTHERS
SPACING - 602911	10/31/2016 - G75 - (640) 6-2N-4W EST OTHERS EXT 599570 SCMR, WDFD, HNTN, OTHERS EXT OTHERS
SPACING - 648344	10/31/2016 - G75 - (I.O.) 6 & 7-2N-4W EST MULTIUNIT HORIZONTAL WELL X602911 SCMR, WDFD, HNTN 6-2N-4W X599570 SCMR, WDFD, HNTN 7-2N-4W (SCMR, HNTN ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD) 50% 6-2N-4W 50% 7-2N-4W CONTINENTAL RESOURCES, INC. 1-6-2016
WATERSHED STRUCTURE	10/31/2016 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 255-5798 PRIOR TO DRILLING

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