

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

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

API NUMBER: 137 27467 A

Horizontal Hole Oil & Gas

PERMIT TO DEEPEN

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

County: STEPHENS

SPOT LOCATION: NE SE NW NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 727 1286

Lease Name: SAMPSON

Well No: 3-7-6XH

Well will be 727 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC

Telephone: 4052349020; 4052349

OTC/OCN 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	1335	6	
2 WOODFORD	1578	7	
3 HUNTON	16173	8	
4		9	
5		10	

Spacing Orders: 602911
599570
648938

Location Excavation Orders: 648000
658097

Increased Density Orders: 646691
647328

Pending CD Numbers:

Special Orders:

Total Depth: 27046

Ground Elevation: 1196

Surface Casing: 1485 IP

Depth to base of Treatable Water-Bearing FM: 230

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: BED AQUIFER

Pit Location Formation: DUNCAN

Approved Method for disposal of Drilling Fluids:

A. Evaporation/decantation and backfilling of reserve pit.

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

H. SEE MEMO

PERMIT NO: 16-31777

**Cancelled per
Operator request
12-1-2016 SPV**

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.

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

API NUMBER: 137 27467 A

Approval Date: 11/21/2016
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Horizontal Hole Oil & Gas

PERMIT TO DEEPEN

WELL LOCATION: Sec: 18 Twp: 2N Rge: 4W County: STEPHENS
SPOT LOCATION: NE SE NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 727 1286

Lease Name: SYMPSON Well No: 3-7-6XH Well will be 727 feet from nearest unit or lease boundary.
Operator Name: CONTINENTAL RESOURCES INC Telephone: 4052349020; 4052349 OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC
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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	15635	6	
2	WOODFORD	15786	7	
3	HUNTON	16173	8	
4			9	
5			10	

Spacing Orders: 602911 Location Exception Orders: 648000 Increased Density Orders: 646691
599570 658097 647328
648938

Pending CD Numbers:

Special Orders:

Total Depth: 27046 Ground Elevation: 1196 **Surface Casing: 1485 IP** Depth to base of Treatable Water-Bearing FM: 230

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) PERMIT NO: 16-31777
- H. SEE MEMO

This permit does not address the right of entry or settlement of surface damages.
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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 06 Twp 2N Rge 4W County STEPHENS
Spot Location of End Point: NW NW NE NW
Feet From: NORTH 1/4 Section Line: 30
Feet From: WEST 1/4 Section Line: 1356
Depth of Deviation: 15516
Radius of Turn: 477
Direction: 1
Total Length: 10781
Measured Total Depth: 27046
True Vertical Depth: 16173
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 locations.

This permit does not address the right of entry or settlement of surface damages.
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Category	Description
MEMO	11/1/2016 - 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	11/1/2016 - G75 - (640) 7-2N-4W EXT OTHERS EXT 582855 SCMR, WDFD, HNTN, OTHERS
SPACING - 602911	11/1/2016 - G75 - (640) 6-2N-4W EST OTHERS EXT 599570 SCMR, WDFD, HNTN, OTHERS EXT OTHERS
SPACING - 648938	11/1/2016 - 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. 1-22-2016

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.
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