

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

API NUMBER: 137 27239

Approval Date: 06/05/2014
Expiration Date: 12/05/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 3S Rge: 4W

County: STEPHENS

SPOT LOCATION: SW SW SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 200 275

Lease Name: RITTER

Well No: 1-3-34XH

Well will be 200 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC

Telephone: 4052349000; 4052349

OTC/OCC Number: 3186 0

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

RAYBURN J & BERNIE RITTER
P.O. BOX 497
RINGLING OK 73458

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	12870	6	
2	WOODFORD	14717	7	
3	HUNTON	15164	8	
4			9	
5			10	

Spacing Orders: 612102
625784

Location Exception Orders: 626184

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 22168

Ground Elevation: 975

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 710

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

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: WELLINGTON

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

PERMIT NO: 14-26628

H. SEE MEMO

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: WELLINGTON

HORIZONTAL HOLE 1

Sec 34 Twp 2S Rge 4W County STEPHENS
Spot Location of End Point: N2 SW NW SW
Feet From: SOUTH 1/4 Section Line: 1850
Feet From: WEST 1/4 Section Line: 330
Depth of Deviation: 14613
Radius of Turn: 478
Direction: 1
Total Length: 6989
Measured Total Depth: 22168
True Vertical Depth: 16894
End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Table with 2 columns: Category, Description. Contains notes for DEEP SURFACE CASING, LOCATION EXCEPTION - 626184, MEMO, MULTIUNIT - 626183, SPACING - 612102, and SPACING - 625721.

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Category

Description

SPACING - 625784

6/4/2014 - G72 - (640) 3-3S-4W (E.O.)
EXT 612102 SPRG, WDFD, HNTN, OTHERS;
CONTINENTAL RESOURCES, INC
5/21/2014

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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.