

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

API NUMBER: 137 27133 A

Approval Date: 11/22/2013
Expiration Date: 05/22/2014

Horizontal Hole Oil & Gas

Amend reason: CHANGE WELL NAME

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 1N Rge: 5W

County: STEPHENS

SPOT LOCATION: NW NE NW NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 200 700

Lease Name: HUNDLEY

Well No: 1-20H

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

LYNDEL D. STRAIN
RT. 4, BOX 203
DUNCAN OK 73533

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

	Name	Depth	Name	Depth
1	SYCAMORE	14411	6	
2	WOODFORD	14803	7	
3	HUNTON	15212	8	
4			9	
5			10	

Spacing Orders: 617864

Location Exception Orders: 617868

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 21290

Ground Elevation: 1048

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 670

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: 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 located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: BISON

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 13-24847

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: 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: BISON

HORIZONTAL HOLE 1

Sec 20 Twp 1N Rge 5W County STEPHENS
Spot Location of End Point: SW SE SW SW
Feet From: SOUTH 1/4 Section Line: 85
Feet From: WEST 1/4 Section Line: 875
Depth of Deviation: 14555
Radius of Turn: 478
Direction: 1
Total Length: 5599
Measured Total Depth: 21290
True Vertical Depth: 15273
End Point Location from Lease,
Unit, or Property Line: 85

Notes:

Table with 2 columns: Category, Description. Contains notes such as 'DEEP SURFACE CASING', 'LOCATION EXCEPTION - 617868', 'MEMO', 'SPACING - 617864', and 'WATERSHED STRUCTURE'.

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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.