

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

API NUMBER: 051 23658

Approval Date: 12/13/2012
Expiration Date: 06/13/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 6N Rge: 6W

County: GRADY

SPOT LOCATION: SW SE SW SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 195 1800

Lease Name: PRIM

Well No: 1-22H

Well will be 195 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC

Telephone: 4052349000

OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC
PO BOX 269091
OKLAHOMA CITY, OK 73126-9000

ADAMS ALFALFA FARMS, INC.
C/O DALE ADAMS
1222 COUNTY ROAD 1420
NINNEKAH OK 73067

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

	Name	Depth	Name	Depth
1	CANEY	13916	6	
2	WOODFORD	14120	7	
3	HUNTON	14335	8	
4			9	
5			10	

Spacing Orders: 598782

Location Exception Orders: 601749

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 19008

Ground Elevation: 1044

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 510

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: Yes

Surface Water used to Drill: No

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: 1A

Liner required for Category: 1A

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 12-22153

H. PIT 1 & 2 - 20-MIL LINER REQUIRED; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

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 ALLUVIAL
Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 22 Twp 6N Rge 6W County GRADY
Spot Location of End Point: N2 NE NW NE
Feet From: NORTH 1/4 Section Line: 30
Feet From: EAST 1/4 Section Line: 1650
Depth of Deviation: 13642
Radius of Turn: 478
Direction: 1
Total Length: 4615
Measured Total Depth: 19008
True Vertical Depth: 14335
End Point Location from Lease,
Unit, or Property Line: 30

Notes:

Table with 2 columns: Category, Description. Includes entries for DEEP SURFACE CASING, LOCATION EXCEPTION - 601749, and SPACING - 598782 with detailed descriptions and dates.

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