

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

API NUMBER: 047 24824 A

Approval Date: 03/27/2014

Expiration Date: 09/27/2014

Horizontal Hole Oil & Gas

Amend reason: OCC CORRECTION TO UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 21N Rge: 8W

County: GARFIELD

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 200 1400

Lease Name: JACKRABBIT

Well No: 2-18H

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

Operator Name: U S ENERGY DEVELOPMENT CORPORATION

Telephone: 7166360401

OTC/OCC Number: 23402 0

U S ENERGY DEVELOPMENT CORPORATION
2350 N FOREST RD
GETZVILLE, NY 14068-1296

JERRY GOODE & SHERRY GOODE
3105 HAREHEY RIDGE
MANHATTEN KS 73127

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	7054	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 121486

Location Exception Orders: 625904

Increased Density Orders: 624630

Pending CD Numbers:

Special Orders:

Total Depth: 12290

Ground Elevation: 1228

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 400

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-26721
H. CLOSED SYSTEM = STEEL PITS (REQUIRED PER ORDER #287231)

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.

HORIZONTAL HOLE 1

Sec 18 Twp 21N Rge 8W County GARFIELD

Spot Location of End Point: NW NW NE NW

Feet From: SOUTH 1/4 Section Line: 2440

Feet From: WEST 1/4 Section Line: 1400

Depth of Deviation: 6610

Radius of Turn: 600

Direction: 360

Total Length: 4680

Measured Total Depth: 12290

True Vertical Depth: 7210

End Point Location from Lease,
Unit, or Property Line: 200

Notes:

Category

Description

INCREASED DENSITY - 624630

3/13/2015 - G76 - 18-21N-8W
X121486 MSSP
2 WELLS
US ENERGY DEV. CORP.
4/29/2014

LOCATION EXCEPTION - 625904

3/13/2015 - G76 - (I.O.) 18-21N-8W
X121486 MSSP
SHL 200 FSL, 1400 FWL
1ST PERF NCT 200 FSL, NCT 1320 FWL
LAST PERF NCT 200 FNL, NCT 1320 FWL
BHL NCT 200 FNL, NCT 1320 FWL
US ENERGY DEV. CORP.
5/23/2014

MUNICIPAL WATER WELLS

3/27/2014 - G30 - CITY OF ENID, 9 WELL

SPACING - 121486

3/27/2014 - G30 - (640) 18-21N-8W
DEL 62335 MSSLM
EXT 55060 MSSP

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047 24824 JACKRABBIT 2-18H