

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

API NUMBER: 031 21642

Approval Date: 12/01/2014
Expiration Date: 06/01/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 3N Rge: 10W County: COMANCHE
SPOT LOCATION: SE SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 300 700

Lease Name: JACOBI TRUST Well No: 1-2H Well will be 300 feet from nearest unit or lease boundary.
Operator Name: MARATHON OIL COMPANY Telephone: 7136296600; 4057205 OTC/OCC Number: 1363 0

MARATHON OIL COMPANY
5555 SAN FELIPE ST
HOUSTON, TX 77056-2701

EDMOND & GENEVA JACOBI TRUSTEES
15055 STATE HWY 17
FLETCHER OK 73541

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

Name	Depth	Name	Depth
1 CISCO	3947	6	
2 HOXBAR	6247	7	
3		8	
4		9	
5		10	

Spacing Orders: 633514

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201406984

Special Orders:

Total Depth: 14818

Ground Elevation: 1261

Surface Casing: 550

Depth to base of Treatable Water-Bearing FM: 300

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

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? Y

Wellhead Protection Area? Y

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: EL RENO

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-28349

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: CLOSED Closed System Means Steel Pits

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? Y

Wellhead Protection Area? Y

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: EL RENO

HORIZONTAL HOLE 1

Sec 02 Twp 3N Rge 10W County COMANCHE

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 300

Feet From: EAST 1/4 Section Line: 600

Depth of Deviation: 9791

Radius of Turn: 449

Direction: 355

Total Length: 4800

Measured Total Depth: 14818

True Vertical Depth: 10324

End Point Location from Lease,
Unit, or Property Line: 300

Notes:

Category

Description

MEMO

12/1/2014 - G76 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201406984

12/1/2014 - G91 - (I.O.) 2-3N-10W
X633514 CSCO, HXBR
XOTHER
COMPL. INT. NCT 300 FNL, NCT 300 FSL, NCT 600 FEL
NO OP. NAMED
REC. 10-21-2014 (LEAVITT)

PUBLIC WATER SUPPLY/WELLHEAD
PROTECTION AREAS

12/1/2014 - G76 - 1 PWS/WPA - CADDO CTY RWS #3 W/2 11-3N-10W

SPACING - 633514

12/1/2014 - G91 - (640)(HOR) 2-3N-10W
VAC 400608 CSCO, HXBR
EST CSCO, HXBR
POE TO BHL NCT 660' FB

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