

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

API NUMBER: 051 23660

Approval Date: 01/02/2013

Expiration Date: 07/02/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 5N Rge: 6W

County: GRADY

SPOT LOCATION: SE SW SE SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 250 1680

Lease Name: SOLDIER CREEK BIA

Well No: 1-26H

Well will be 250 feet from nearest unit or lease boundary.

Operator Name: MARATHON OIL COMPANY

Telephone: 7132961948; 4057205

OTC/OCC Number: 1363 0

MARATHON OIL COMPANY
P.O. Box 3128
HOUSTON, TX 77253-3128

RICHARD M. TYE
7115 FM 145
KRESS TX 79052

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

Name	Depth	Name	Depth
1 WOODFORD	14780	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 466477

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201205612
201205611

Special Orders:

Total Depth: 19695

Ground Elevation: 1138

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 340

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: 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: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

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

PERMIT NO: 12-22240

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? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 26 Twp 5N Rge 6W County GRADY

Spot Location of End Point: N2 N2 NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 14441

Radius of Turn: 174

Direction: 360

Total Length: 4980

Measured Total Depth: 19695

True Vertical Depth: 14780

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

1/2/2013 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

MEMO

12/20/2012 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201205611

1/2/2013 - G30 - 26-5N-6W
X466477 WDFD
1 WELL
NO OP. NAMED
REC 12/12/12 (PETERSON)

PENDING CD - 201205612

1/2/2013 - G30 - 26-5N-6W
X466477 WDFD
SHL NCT 0 FSL, NCT 250 FWL
1ST PERF NCT 150 FNL, NCT 250 FWL
LAST PERF NCT 150 FSL, NCT 250 FWL
BHL NCT 50 FNL, NCT 250 FWL
NO OP. NAMED
REC 12/12/12 (PETERSON)

SPACING - 466477

1/2/2013 - G30 - (640) 26-5N-6W
EXT 421185 WDFD, OTHERS
EXT OTHERS
VAC OTHER

WATERSHED STRUCTURE

12/20/2012 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 224-0523 PRIOR TO DRILLING

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