

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

API NUMBER: 137 27246

Approval Date: 06/20/2014  
Expiration Date: 12/20/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 1S Rge: 5W County: STEPHENS  
SPOT LOCATION:  NW  NE  NE  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 250 585

Lease Name: DOUBLE A.M. Well No: 1-7H Well will be 250 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

LAWAYNE JONES  
P.O. BOX 1185  
DUNCAN OK 73534

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	11230	6	
2	WOODFORD	11856	7	
3	HUNTON	12356	8	
4			9	
5			10	

Spacing Orders: 624214

Location Exception Orders: 624792

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 17035

Ground Elevation: 1084

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 560

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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? 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 BED AQUIFER

Pit Location Formation: PURCELL

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-26930

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 BED AQUIFER

Pit Location Formation: PURCELL

HORIZONTAL HOLE 1

Sec 07 Twp 1S Rge 5W County STEPHENS

Spot Location of End Point: S2 SE SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 11154

Radius of Turn: 702

Direction: 179

Total Length: 4778

Measured Total Depth: 17035

True Vertical Depth: 12356

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

Notes:

Category

Description

DEEP SURFACE CASING

5/27/2014 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

LOCATION EXCEPTION - 624792

6/19/2014 - G75 - (I.O.) 7-1S-5W  
X624214 MSSP, WDFD, HNTN  
COMPL. INT. NCT 150 FNL, NCT 150 FSL, NCT 250 FEL  
MARATHON OIL CO.  
5-2-2014

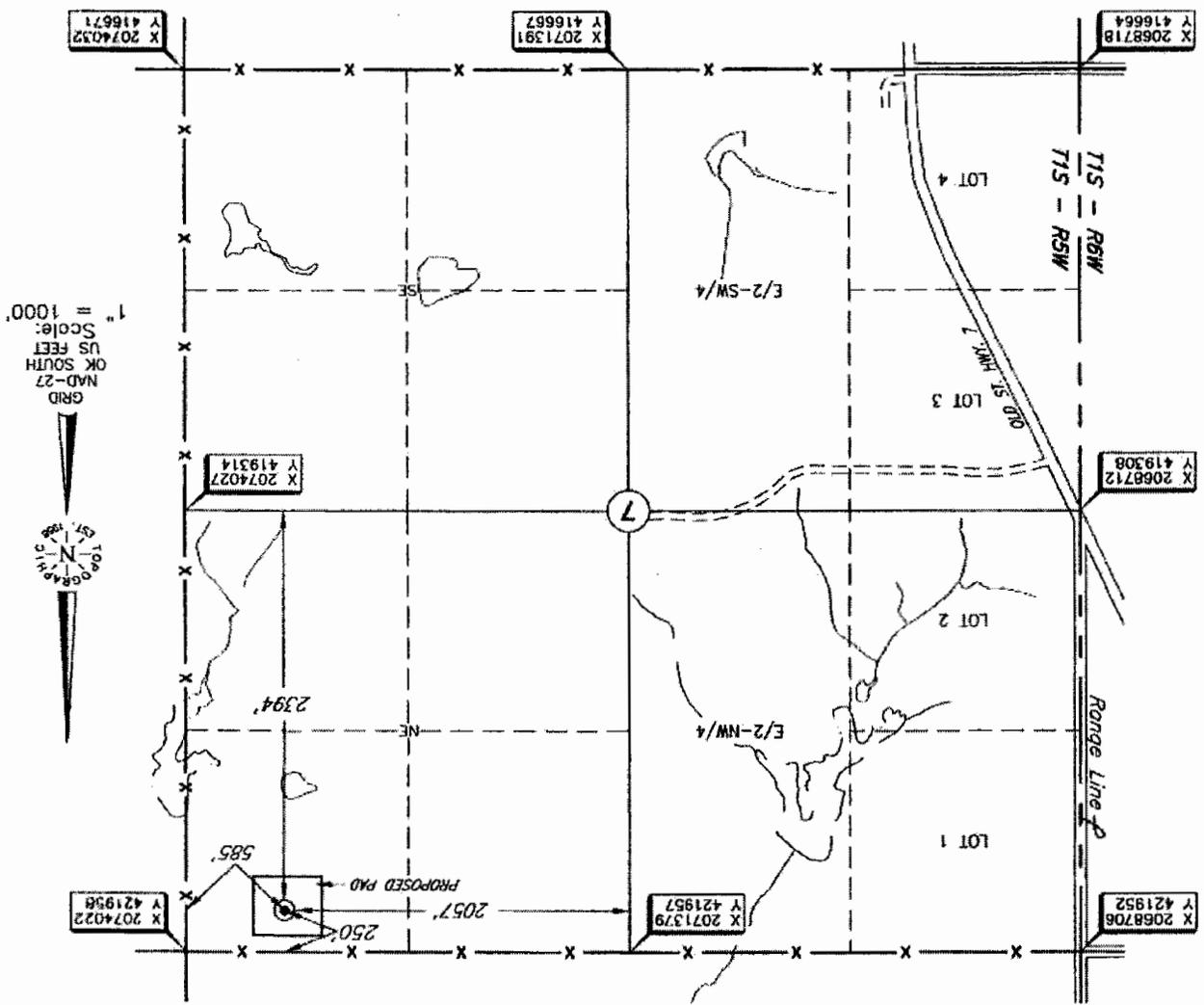
MEMO

5/27/2014 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

SPACING - 624214

6/19/2014 - G75 - (640) 7-1S-5W  
EST MSSP, WDFD, HNTN

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.



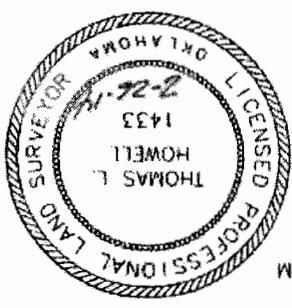
Operator: MARATHON OIL CO. OKLAHOMA CITY OPERATIONS  
 Lease Name: DOUBLE A.M.  
 Well No.: 1-7H  
 ELEVATION: 1084' Gr. at Stake

Topography & Vegetation: Location fell in pasture, slope to NE.  
 Reference Stakes or Alternate Location: \_\_\_\_\_  
 Good Drill Site? Yes \_\_\_\_\_  
 Stakes Set: None  
 Best Accessibility to Location: From lease road near W/4 corner of Section 7.  
 Distance & Direction: From Hwy Jet or Town \_\_\_\_\_  
 From Velma, Ok., go ±4.6 miles West on Old St. Hwy. 7, then ±1.5 miles Northwesterly on Old St. Hwy. 7 to the West Quarter Corner of Section 7, T1S - R5W.

DATUM: NAD-27  
 LAT: 34°29'30.9"N  
 LONG: 97°45'22.6"W  
 LAT: 34°49'13.179"N  
 LONG: 97°45'22.6"W  
 STATE PLANE  
 COORDINATES (US FEET):  
 ZONE: OK SOUTH  
 X: 2073437  
 Y: 421708

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy

Revision  A Date of Drawing: Feb. 26, 2014  
 Invoice # 216033 Date Staked: Feb. 18, 2014  
 RKM  
 I, THOMAS L. HOWELL, a Licensed Land Surveyor, do hereby certify to the information shown herein.  
 THOMAS L. HOWELL  
 Oklahoma Reg. No. 1433



API 137-27246