

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

API NUMBER: 011 23650

Approval Date: 09/09/2016
Expiration Date: 03/09/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 13N Rge: 12W County: BLAINE
SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 250 2310

Lease Name: MCKINLEY BIA 1312 Well No: 1-4-33MXH Well will be 250 feet from nearest unit or lease boundary.
Operator Name: MARATHON OIL COMPANY Telephone: 7132962003 OTC/OCC Number: 1363 0

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

MARC C. MCKINLEY
ROUTE 1, BOX 37
GEARY OK 73040

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	13134	6	
2	WOODFORD	14954	7	
3			8	
4			9	
5			10	

Spacing Orders: 651613

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201602652
201602651
201602649

Special Orders:

Total Depth: 22826 Ground Elevation: 1707 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 250

Under Federal Jurisdiction: Yes

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: 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? 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 33 Twp 14N Rge 12W County BLAINE

Spot Location of End Point: N2 NW NW NE

Feet From: NORTH 1/4 Section Line: 100

Feet From: EAST 1/4 Section Line: 2310

Depth of Deviation: 12234

Radius of Turn: 573

Direction: 360

Total Length: 9692

Measured Total Depth: 22826

True Vertical Depth: 14954

End Point Location from Lease,
Unit, or Property Line: 100

Notes:

Category

Description

DEEP SURFACE CASING

9/8/2016 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

9/8/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.

MEMO

9/8/2016 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201602649

9/9/2016 - G75 - (640) 33-14N-12W
VAC 115876 CSTR, MPLM
EXT 651613 MSSP, WDFD
REC 7-25-2016 (M. PORTER)

PENDING CD - 201602651

9/9/2016 - G75 - (I.O.) 4-13N-12W & 33-14N-12W
EST MULTIUNIT HORIZONTAL WELL
XOTHER
X651613 MSSP, WDFD 4-13N-12W
X201602649 MSSP, WDFD 33-14N-12W
(WDFD ASSOCIATED COMMON SOURCE OF SUPPLY TO MSSP)
50% 4-13N-12W
50% 33-14N-12W
MARATHON OIL CO.
REC 7-25-2016 (M. PORTER)

This permit does not address the right of entry or settlement of surface damages.

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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.

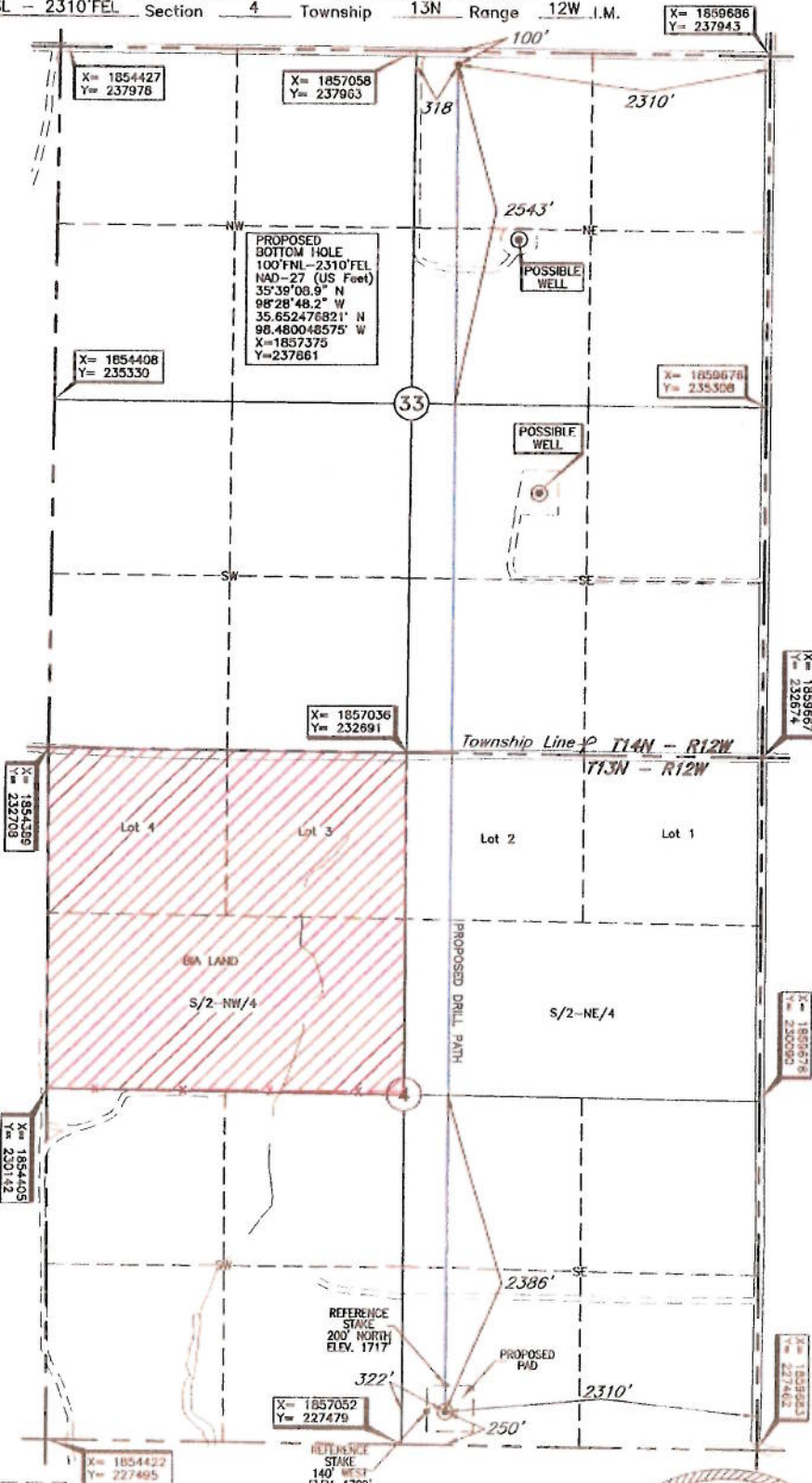
Category	Description
PENDING CD - 201602652	9/9/2016 - G75 - (I.O.) 4-13N-12W & 33-14N-12W XOTHER X651613 MSSP, WDFD 4-13N-12W X201602649 MSSP, WDFD 33-14N-12W COMPL. INT. (4-13N-12W) NCT 150' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (33-14N-12W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL MARATHON OIL CO. REC 7-25-2016 (M. PORTER)
SPACING - 651613	9/9/2016 - G75 - (640) 4-13N-12W VAC 191687 CSTR, MPLM EXT 597199 MSSP, WDFD

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 Office of the Conservation Division as to when Surface Casing will be run.

BLAINE County, Oklahoma
 250' FSL - 2310' FEL Section 4 Township 13N Range 12W I.M.



NOTE:
 The information shown herein is for construction purposes ONLY.



Operator: MARATHON OIL CO.
 Lease Name: HOKINLEY BA 1312
 Topography & Vegetation: Loc. fell in rough pasture
 Well No.: 1-4-33MXXH
 ELEVATION: 1707' @ st Stake

Good Drill Site? Yes
 Best Accessibility to Location: From East off county road
 Distance & Direction: From Hwy 401 or Town
 From Geary, OK go ±1.0 mi. N-W on US Hwy. 281 to American Horse Lake Road, then ±8.0 mi. West, then ±1.0 mi. South to the NE Cor. of Sec. 4-T13N-R12W

Reference Stakes or Alternate Location
 Stakes Set: REFERENCE 200' NORTH, ELEV. 1717'
REFERENCE 140' WEST, ELEV. 1709'

BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Revision DL C Date of Drawing: Sep. 06, 2016
 Invoice # 254787 Date Staked: Dec. 29, 2015 AC

CERTIFICATE:

I, Thomas L. Howell an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Thomas L. Howell
 Oklahoma Lic. No. 1433

DATUM: NAD-27
 LAT: 35°37'28.7"N
 LONG: 98°28'47.6"W
 LAI: 35.624636986° N
 LONG: 98.4796889936° W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1857372
 Y: 227727

