

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

API NUMBER: 017 25098

Approval Date: 11/03/2017

Expiration Date: 05/03/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 13N Rge: 5W

County: CANADIAN

SPOT LOCATION: ☐ NW ☐ SW ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 710 1110

Lease Name: MASON TREECE 1305

Well No: 1-17-8MXH

Well will be 710 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

ROBERT TREECE
12520 NW EXPRESSWAY
YUKON OK 73099

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	7658	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 615498
669294

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201703405
201703401

Special Orders:

Total Depth: 18112

Ground Elevation: 1246

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 950

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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 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: BISON

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 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: BISON

HORIZONTAL HOLE 1

Sec 08 Twp 13N Rge 5W County CANADIAN

Spot Location of End Point: N2 NW NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 990

Depth of Deviation: 7288

Radius of Turn: 462

Direction: 1

Total Length: 10098

Measured Total Depth: 18112

True Vertical Depth: 8279

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

Notes:

Category

Description

HYDRAULIC FRACTURING

10/16/2017 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

MEMO

10/16/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201703401

11/3/2017 - G60 - (I.O.) 8 & 17-13N-5W
EST MULTIUNIT HORIZONTAL WELL
X615498 (8-13N-5W) MSSP
X669294 (17-13N-5W) MSSP
48.7% 8-17-13N-5W
51.3% 17-13N-5W
NO OP. NAMED
REC. 8/22/17 (LEAVITT)

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

017 25098 MASON TREECE 1305 1-17-8MXH

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.

Category	Description
PENDING CD - 201703405	11/3/2017 - G60 - (I.O.) 8 & 17-13N-5W X615498 (8-13N-5W) MSSP X669294 (17-13N-5W) MSSP COMPL. INT. (8-13N-5W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (17-13N-5W) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL NO OP. NAMED REC. 8/22/17 (LEAVITT)
SPACING - 615498	11/3/2017 - G60 - (640) 8-13N-5W EST MSSP COMPL. INT. NLT 660' FB (COEXIST WITH SP. ORDER 169876 AND 191092 MSSP)
SPACING - 669294	11/3/2017 - G60 - (640)(HOR) 17-13N-5W VAC 108937 MISS EXT 620700 MSSP, OTHER COMPL. INT. NLT 660' FB

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.

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

CANADIAN County, Oklahoma
710'FNL - 1110'FEL Section 20 Township 13N Range 5W I.M.

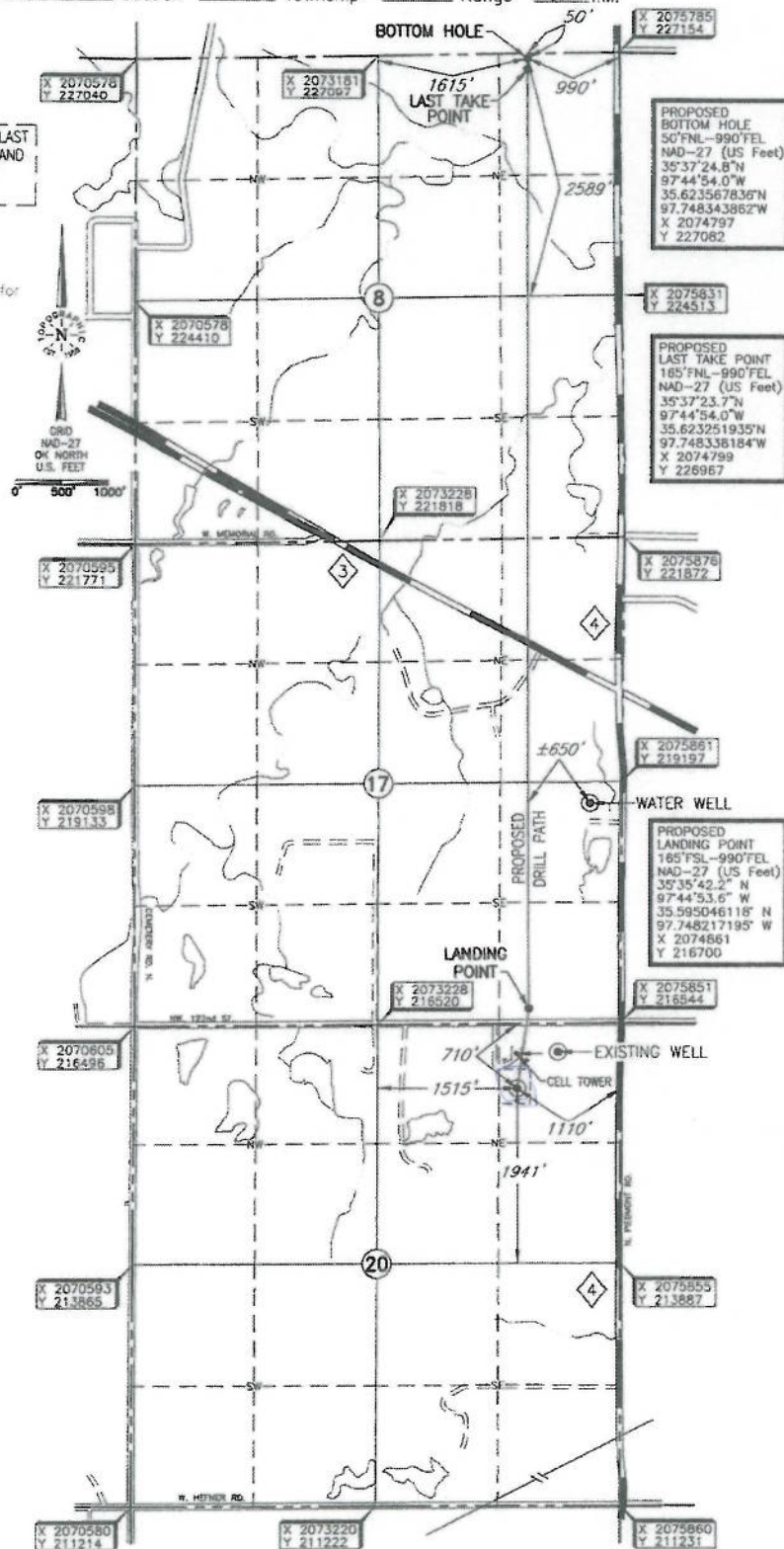
3501725098

PROPOSED LANDING POINT, PROPOSED LAST TAKE POINT, PROPOSED BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

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

Operator: MARATHON OIL COMPANY
Lease Name: MASON TRECE 1305
Topography & Vegetation: Loc. fell in pasture and terrace field, ±342' South of cell tower fence, ±398' SW of existing well, ±320' SE of tower anchor, ±311' SW of tower anchor
Good Drill Site? Yes
Stakes Set None
Best Accessibility to Location: From North off county road
Distance & Direction: From Jct. of St. Hwy. 4 N-S and St. Hwy. 3 NW-SE, go ±0.8 mi. South on St. Hwy. 4 to the NE Cor. of Sec. 20-T13N-R5W

ELEVATION:
1246' Gr. at Stake NGVD29



Revision ☒ A Date of Drawing: Oct. 12, 2017
Invoice # 282257 Date Staked: Oct. 04, 2017

CERTIFICATE:

I, Lee K. Goss an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Oklahoma Lic. No. 1778



DATUM: NAD-27
LAT: 35°35'33.5"N
LONG: 97°44'55.1"W
LAT: 35.592639978° N
LONG: 97.748626056° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2074742
Y: 215824