

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

API NUMBER: 137 27568

Approval Date: 07/15/2019

Expiration Date: 01/15/2021

Horizontal Hole
Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 1N Rge: 5W County: STEPHENS
SPOT LOCATION: ☐ SE ☐ NE ☐ SW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 759 1601

Lease Name: PARKS 0105 Well No: 2-1-12MXH Well will be 759 feet from nearest unit or lease boundary.
Operator Name: MARATHON OIL COMPANY Telephone: 4057285228 OTC/OCC Number: 1363 0

MARATHON OIL COMPANY
7301 N W EXPRESSWAY SUITE 225
OKLAHOMA CITY, OK 73132

C D PARKS
2633 MCKINNEY AVE., STE. 130
DALLAS TX 75204

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	12033	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 623746
614531

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903043
201903038
201903042
201903039

Special Orders:

Total Depth: 23270 Ground Elevation: 1093 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 720

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 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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36721
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 12 Twp 1S Rge 5W County STEPHENS

Spot Location of End Point: SE SE SW SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1385

Depth of Deviation: 11571

Radius of Turn: 820

Direction: 176

Total Length: 10411

Measured Total Depth: 23270

True Vertical Depth: 12606

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

Notes:

Category

Description

DEEP SURFACE CASING

7/8/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

7/8/2019 - 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

7/8/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201903038

7/11/2019 - G56 - 1-1S-5W
X623746 MSSP
1 WELL
NO OP NAMED
REC 6/24/2019 (THOMAS)

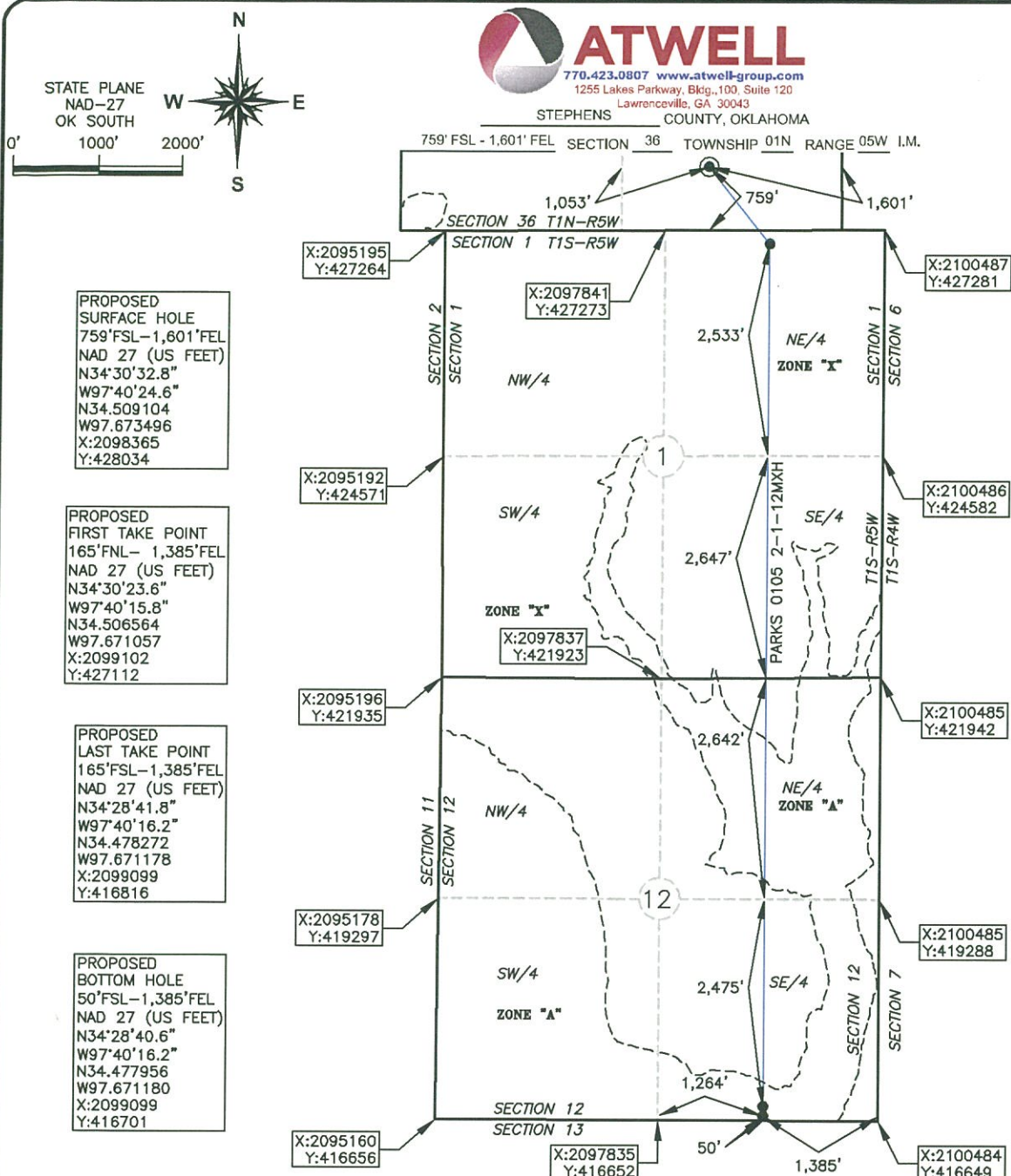
This permit does not address the right of entry or settlement of surface damages.

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.

137 27568 PARKS 0105 2-1-12MXH

Category	Description
PENDING CD - 201903039	7/11/2019 - G56 - 12-1S-5W X614531 MSSP 1 WELL NO OP NAMED 6/24/2019
PENDING CD - 201903042	7/11/2019 - G56 - (I.O.) 1 & 12-1S-5W ESTABLISH MULTIUNIT HORIZONTAL WELL X623746 MSSP 1-1S-5W X614531 MSSP 12-1S-5W 50% 1-1S-5W 50% 12-1S-5W MARATHON OIL CO. REC 6/24/2019 (THOMAS)
PENDING CD - 201903043	7/11/2019 - G56 - (I.O.) 1 & 12-1S-5W X623746 MSSP 1-1S-5W X614531 MSSP 12-1S-5W COMPL INT (1-1S-5W) NCT 150' FNL, NCT 0' FSL, NCT 1320' FWL COMPL INT (12-1S-5W) NCT 0' FNL, NCT 150' FSL, NCT 1320' FWL NO OP NAMED REC 6/24/2019 (THOMAS)
SPACING - 614531	7/11/2019 - G56 - (640)(HOR) 12-1S-5W VAC OTHERS EST MSSP, OTHERS COMPL INT NLT 660' FB
SPACING - 623746	7/11/2019 - G56 - (640)(HOR) 1-1S-5W EXT 614531 MSSP, OTHERS COMPL INT NLT 660' FB



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: PARKS 0105

WELL NO.: 2-1-12MXH

TOPOGRAPHY & VEGETATION: GRASS PASTURE

ELEVATION:
1,096' GR. AT STAKE NAVD88
1,093' GR. AT STAKE NGVD29

GOOD DRILL SITE? YES

REFERENCE STAKES OR ALTERNATE LOCATION STAKES SET NONE

BEST ACCESS TO LOCATION: FROM THE WEST SIDE OF N2987

DISTANCE AND DIRECTION
FROM HWY JCT OR TOWN BEGINNING AT THE INTERSECTION OF OK HWY. 7 AND N2950 RD. ±14.4 MI. ON OK HWY. 7 SOUTH EAST FROM DUNCAN OK., THENCE NORTH ON N2950 RD ±3.0 MI., THENCE EAST ON CEMETERY RD. ±0.5 MI., THENCE NORTH ON N2955 RD. ±1.0 MI., THENCE EAST ON BEECH RD. ±3.2 MI., THENCE NORTH ON N2987 RD ±0.1 MI.

DATUM: NAD 27

LAT: 34° 30'32.8" N

LONG: 97° 40' 24.6" W

LAT: 34.509104° N

LONG: 97.673496° W

STATE PLANE

COORDINATES: (US FEET)

ZONE: OK SOUTH

X: 2098365

Y: 428034

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

DATE OF DRAWING: 05-13-19

JOB NO.: 19001686

DATE STAKED: 05-08-19

CERTIFICATE:

I, DAVID L. ANDERSON an Oklahoma Licensed Land Surveyor and an authorized agent of Atwell, LLC, do hereby certify to the information shown herein

David L. Anderson 5-20-19

Oklahoma Lic. No. 1927

