

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

API NUMBER: 137 27571

Approval Date: 08/02/2019

Expiration Date: 02/02/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 2N Rge: 4W

County: STEPHENS

SPOT LOCATION: ☐ NW ☐ SW ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 742 1092

Lease Name: PAPA PUMP 0204

Well No: 2-3-34SXH

Well will be 742 feet from nearest unit or lease boundary.

Operator
Name: MARATHON OIL COMPANY

Telephone: 4057285228

OTC/OCC Number: 1363 0

MARATHON OIL COMPANY
7301 NW EXPRESSWAY STE 225
OKLAHOMA CITY, OK 73132-1590

CONTINENTAL RESOURCES
20 N. BROADWAY
OKLAHOMA CITY OK 73102

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

	Name	Depth	Name	Depth
1	SPRINGER	10950	6	
2	SPRINGER SAND	10950	7	
3			8	
4			9	
5			10	

Spacing Orders: 131585
212610

Location Exception Orders:

Increased Density Orders: 699625
699624

Pending CD Numbers: 201903128
201903127

Special Orders:

Total Depth: 22007

Ground Elevation: 1179

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 440

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: DUNCAN

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

PERMIT NO: 19-36807

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: DUNCAN

HORIZONTAL HOLE 1

Sec 34 Twp 3N Rge 4W County GARVIN

Spot Location of End Point: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 800

Depth of Deviation: 10488

Radius of Turn: 745

Direction: 2

Total Length: 10349

Measured Total Depth: 22007

True Vertical Depth: 11514

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

Notes:

Category

Description

DEEP SURFACE CASING

7/18/2019 - 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

7/18/2019 - 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

INCREASED DENSITY - 699624

7/24/2019 - G56 - 3-2N-4W
X131585 SPRG***
1 WELL
MARATHON OIL CO.
7/24/2019

***S/B X131585/639913/679047 SPRG; WILL BE CORRECTED VIA NUNC PRO TUNC PER ATTORNEY FOR OPERATOR

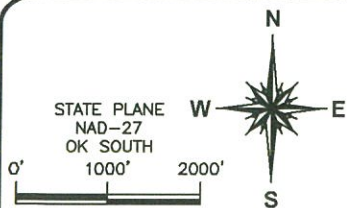
This permit does not address the right of entry or settlement of surface damages.

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 27571 PAPA PUMP 0204 2-3-34SXH

Category	Description
INCREASED DENSITY - 699625	<p>7/24/2019 - G56 - 34-3N-4W X212610 SPRG*** 1 WELL MARATHON OIL CO. 7/24/2019</p> <p>***S/B X212610 SPRSD; WILL BE CORRECTED VIA NUNC PRO TUNC PER ATTORNEY FOR OPERATOR</p>
MEMO	<p>7/18/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT</p>
PENDING CD - 201903127	<p>7/24/2019 - G56 - (I.O.) 3-2N-4W & 34-3N-4W ESTABLISH MULTIUNIT HORIZONTAL WELL X131585 SPRG 3-2N-4W*** X212610 SPRSD 34-3N-4W 50% 3-2N-4W 50% 34-3N-4W MARATHON OIL CO. REC 7/2/2019 (NORRIS)</p> <p>***S/B X131585/639913/679047 SPRG; WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY FOR OPERATOR</p>
PENDING CD - 201903128	<p>7/24/2019 - G56 - (I.O.) 3-2N-4W & 34-3N-4W X131585 SPRG 3-2N-4W*** X212610 SPRSD 34-3N-4W COMPL INT (3-2N-4W) NCT 150' FSL, NCT 0' FNL, NCT 330' FEL COMPL INT (34-3N-4W) NCT 150' FNL, NCT 0' FSL, NCT 330' FEL NO OP NAMED REC 7/2/2019 (NORRIS)</p> <p>***S/B X131585/639913/679047 SPRG; WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY FOR OPERATOR</p>
SPACING - 131585	<p>7/24/2019 - G56 - (640) 3-2N-4W EST SPRG, OTHERS</p>
SPACING - 212610	<p>7/24/2019 - G56 - (640) 34-3N-4W VAC OTHER EST OTHER EXT 176944 SPRSD, OTHERS</p>
SPACING - 639913	<p>7/24/2019 - G56 - (640) 3-2N-4W CLARIFY 131585 TO RECOGNIZE GDRD AS PART OF THE MWSPR</p>
SPACING - 679047	<p>7/24/2019 - G56 - NPT CORRECTING ORDER # 639913 TO RECOGNIZE THE GDRD AS A PART OF THE SPRG</p>



STEPHENS COUNTY, OKLAHOMA

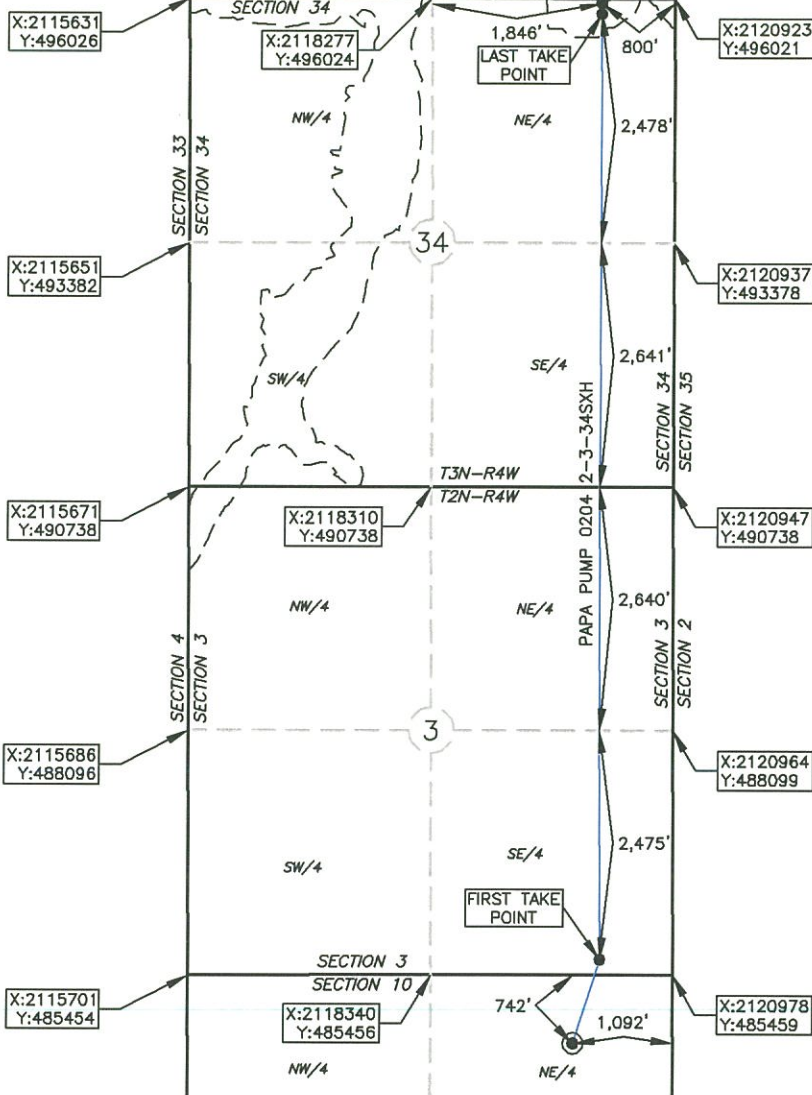
1.092' FEL - 742' FNL SECTION 10 TOWNSHIP 02N RANGE 04W I.M.

PROPOSED
BOTTOM HOLE
50'FNL-800'FEL
NAD 27 (US FEET)
N34°41'44.1"
W97°36'01.4"
N34.695572
W97.600380
X:2120123
Y:495972

PROPOSED
LAST TAKE POINT
165'FNL-800'FEL
NAD 27 (US FEET)
N34°41'42.9"
W97°36'01.4"
N34.695256
W97.600380
X:2120124
Y:495857

PROPOSED
FIRST TAKE POINT
165'FSL-800'FEL
NAD 27 (US FEET)
N34°40'01.7"
W97°36'01.2"
N34.667135
W97.600337
X:2120177
Y:485623

PROPOSED
SURFACE HOLE
742'FNL-1,092'FEL
NAD 27 (US FEET)
N34°39'52.7"
W97°36'04.7"
N34.664646
W97.601302
X:2119891
Y:484716



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: PAPA PUMP 0204

WELL NO.: 2-3-34SXH

TOPOGRAPHY & VEGETATION: LOCATION FELL IN GRASS PASTURE

ELEVATION:

1,182' GR. AT STAKE NAVD88

1,179' GR. AT STAKE NGVD29

GOOD DRILL SITE? YES

REFERENCE STAKES OR ALTERNATE LOCATION
STAKES SET NONE

BEST ACCESS TO LOCATION: FROM NORTH OFF COUNTY ROAD

DISTANCE AND DIRECTION

FROM HWY JCT OR TOWN FROM JCT. ST. HWY. 76 NORTH AND ST. HWY. 29 E-W, GO ± 2.0 MI. NORTH ON ST. HWY. 76 TO THE NE COR. OF SEC. 10-T2N-R4W

DATUM: NAD 27

LAT: 34° 39' 52.7" N

LONG: 97° 36' 04.7" W

LAT: 34.664646° N

LONG: 97.601302° W

STATE PLANE

COORDINATES: (US FEET)

ZONE: OK SOUTH

X: 2119891

Y: 484716

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

JOB NO.: 19001502

DATE OF DRAWING: 04-25-19

DATE STAKED: 04-23-19

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 5-8-19
Oklahoma Lic. No. 1927

