

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

API NUMBER: 049 25286

Approval Date: 04/10/2019

Expiration Date: 10/10/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 4N Rge: 4W

County: GARVIN

SPOT LOCATION: ☐ SW ☐ SW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 215 1396

Lease Name: ACTION JACKSON 0404

Well No: 1-34-27MXH

Well will be 215 feet from nearest unit or lease boundary.

Operator
Name: MARATHON OIL COMPANY

Telephone: 4057205508

OTC/OCC Number: 1363 0

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

NINA ROLLINS
202 SW 2ND
LINDSAY OK 73052

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

	Name	Depth	Name	Depth
1	SYCAMORE	11216	6	
2	MISSISSIPPIAN	11845	7	
3			8	
4			9	
5			10	

Spacing Orders: 677569
671191

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901177
201901180
201901834

Special Orders:

Total Depth: 20800

Ground Elevation: 1124

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 280

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: 19-36455

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 27 Twp 4N Rge 4W County GARVIN

Spot Location of End Point: NE SW SW NW

Feet From: NORTH 1/4 Section Line: 2080

Feet From: WEST 1/4 Section Line: 375

Depth of Deviation: 11558

Radius of Turn: 587

Direction: 349

Total Length: 8320

Measured Total Depth: 20800

True Vertical Depth: 12302

End Point Location from Lease,
Unit, or Property Line: 375

Notes:

Category

Description

DEEP SURFACE CASING

4/5/2019 - 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

4/5/2019 - 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

4/5/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201901177

4/8/2019 - G58 - (I.O.) 27 & 34-4N-4W
EST MULTIUNIT HORIZONTAL WELL
X671191 SCMR
X677569 MSSP
37% 27-4N-4W
63% 34-4N-4W
NO OP. NAMED
REC 3/26/2019 (M. PORTER)

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.

049 25286 ACTION JACKSON 0404 1-34-
27MXH

Category	Description
PENDING CD - 201901180	4/8/2019 - G58 - (I.O.) 27 & 34-4N-4W EST MULTIUNIT HORIZONTAL WELL X671191 SCMR X677569 MSSP COMPL. INT. 34-4N-4W NCT 150' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. 27-4N-4W NCT 0' FSL, NCT 1900' FNL, NCT 330' FWL NO OP. NAMED REC 3/26/2019 (M. PORTER)
SPACING - 671191	4/8/2019 - G58 - (640)(HOR) 27-4N-4W EXT OTHERS EST OTHERS EXT 658674 SCMR POE TO BHL NCL 660' FB (COEXIST SP. ORDER 333548 SCMR NE4; 367481 SCMR SW4; 373533 SCMR SE4; 361360 SCMR NW4)
SPACING - 677569	4/8/2019 - G58 - (640)(HOR) 34-4N-4W EXT 659228 MSSP, OTHERS POE TO BHL NLT 660' FB (COEXIST SP. ORDER 348297 SCMR)



GARVIN COUNTY, OKLAHOMA

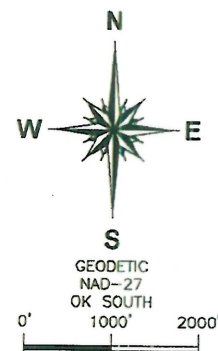
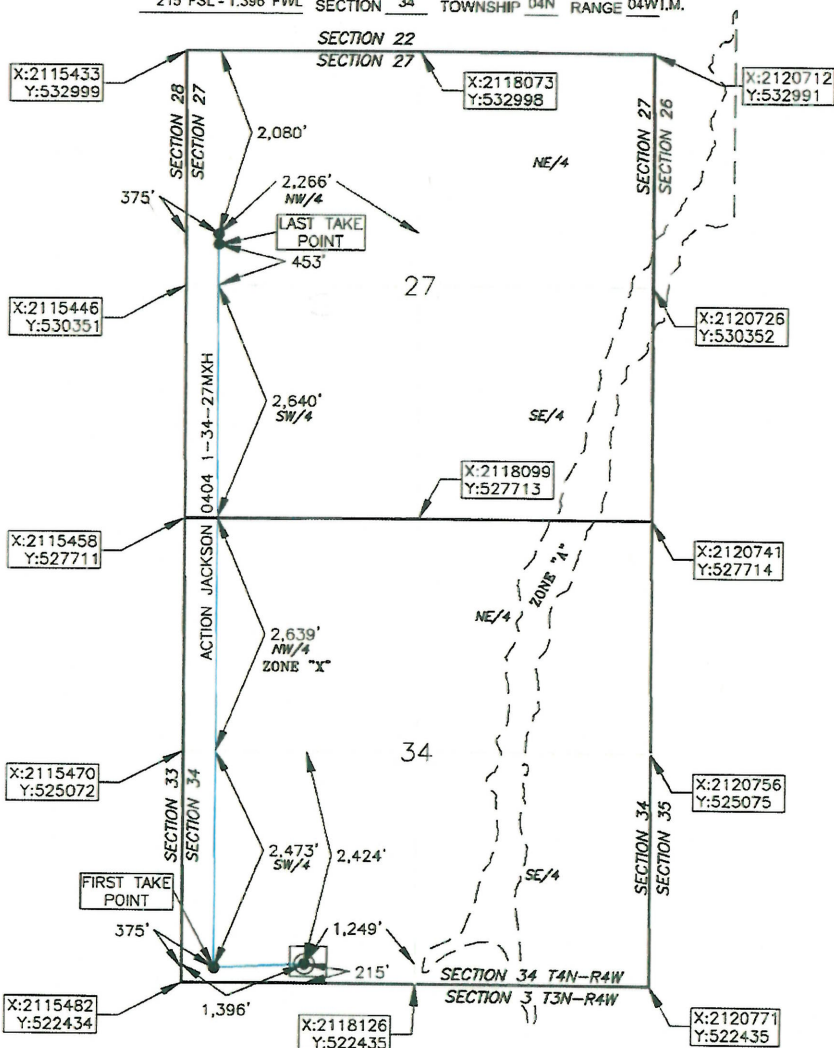
215' FSL - 1,396' FWL SECTION 34 TOWNSHIP 04N RANGE 04W1.M.

PROPOSED
BOTTOM HOLE
2,080' FNL - 375' FWL
NAD 27 (US FEET)
N34°47'29.9"
W97°36'51.3"
N34.791645
W97.614259
X:2115818
Y:530919

PROPOSED
LAST TAKE POINT
2,195' FNL - 375' FWL
NAD 27 (US FEET)
N34°47'28.8"
W97°36'51.3"
N34.791329
W97.614258
X:2115818
Y:530804

PROPOSED
FIRST TAKE POINT
165' FSL - 375' FWL
NAD 27 (US FEET)
N34°46'07.6"
W97°36'51.3"
N34.768783
W97.614237
X:2115856
Y:522599

PROPOSED
SURFACE HOLE
215' FSL - 1,396' FWL
NAD 27 (US FEET)
N34°46'08.1"
W97°36'39.0"
N34.768910
W97.610838
X:2116877
Y:522649



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: ACTION JACKSON 0404

WELL NO. 1-34-27MXH

TOPOGRAPHY & VEGETATION: OPEN FIELD w/INTERMITTENT TREES

ELEVATION:

1,127' GR. AT STAKE NAVD88

1,124' GR. AT STAKE NGVD29

GOOD DRILL SITE? YES

REFERENCE STAKES OR ALTERNATE LOCATION
STAKES SET NONE

BEST ACCESS TO LOCATION: N3022 RD. TO THE EAST

DISTANCE AND DIRECTION

FROM HWY JCT OR TOWN BEGINNING AT THE INTERSECTION OF E COUNTY ROAD 1540 AND OK HWY 76 APPROX. 3.7 MILES SOUTH OF LINDSAY, OK, THENCE WEST ON E COUNTY RD 1540 APPROX. .6 MILES, THEN SOUTH ON N COUNTY RD 3022 APPROX. 1 MILE. SITE IS IN THE FIELD ON THE EAST SIDE OF THE ROAD.

DATUM: NAD 27

LAT: 34°46'08.1" N

LONG: 97°36'39.0" W

LAT: 34.768910° N

LONG: 97.610838° W

STATE PLANE

COORDINATES (US FEET)

ZONE: OK SOUTH

X: 2116877

Y: 522649

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

DATE OF DRAWING: 1/18/19

JOB NO. 19000049

DATE STAKED: 1/7/19

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 1-23-19
Oklahoma Lic. No. 1927

