

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

API NUMBER: 049 25318

Approval Date: 10/25/2019

Expiration Date: 04/25/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 3N Rge: 4W

County: GARVIN

SPOT LOCATION: ☐ SW ☐ SW ☐ NW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 993 2325

Lease Name: CONCHO 0304

Well No: 1-10-3MXH

Well will be 993 feet from nearest unit or lease boundary.

Operator
Name: MARATHON OIL COMPANY

Telephone: 4057285228

OTC/OCC Number: 1363 0

MARATHON OIL COMPANY
PO BOX 68
HOUSTON, TX 77001-0068

JOE EUBANK
17915 N COUNTY ROAD 3022
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 SYCAMORE	12849	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 641409
641964

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201904399
201904398
201904402
201904400

Special Orders:

Total Depth: 24515

Ground Elevation: 1179

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 240

Deep surface casing has been approved

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: 19-36932

H. SEE MEMO

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

The duration of this permit is 18 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 03 Twp 3N Rge 4W County GARVIN

Spot Location of End Point: NW NE NE NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 2006

Depth of Deviation: 12734

Radius of Turn: 477

Direction: 354

Total Length: 11032

Measured Total Depth: 24515

True Vertical Depth: 13231

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

Notes:

Category

Description

DEEP SURFACE CASING

10/1/2019 - 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

10/1/2019 - 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

10/1/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201904398

10/25/2019 - GB1 - (I.O.) 3 & 10-3N-4W
EST MULTIUNIT HORIZONTAL WELL
X641409 SCMR, OTHER 3-3N-4W
X641964 SCMR, OTHER 10-3N-4W
50% 3-3N-4W
50% 10-3N-4W
MARATHON OIL COMPANY
REC. 9/23/2019 (THOMAS)

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

The duration of this permit is 18 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 25318 CONCHO 0304 1-10-3MXH

PENDING CD - 201904399	10/25/2019 - GB1 - (I.O.) 3 & 10-3N-4W X641409 SCMR, OTHER 3-3N-4W X641964 SCMR, OTHER 10-3N-4W COMPL. INT (10-3N-4W) NCT 150' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (3-3N-4W) NCT 0' FSL, NCT 150' FNL, NCT 330' FWL MARATHON OIL COMPANY REC. 9/23/2019 (THOMAS)
PENDING CD - 201904400	10/25/2019 - GB1 - 3-3N-4W X641409 SCMR, OTHER 1 WELL NO OP. NAMED REC. 9/23/2019 (THOMAS)
PENDING CD - 201904402	10/25/2019 - GB1 - 10-3N-4W X641964 SCMR, OTHER 1 WELL NO OP. NAMED REC. 9/23/2019 (THOMAS)
SPACING - 641409	10/25/2019 - GB1 - (640) 3-3N-4W VAC 351246 SCMR, OTHERS EST SCMR, OTHERS
SPACING - 641964	10/25/2019 - GB1 - (640) 10-3N-4W VAC 395593 SCMR, OTHERS NE4 EST SCMR, OTHERS

STATE PLANE
NAD-27
OK SOUTH

ATWELL
666.850.4200 www.atwell-group.com
704 W. 41st Street | Sand Springs, OK 74063
OK CA #6036

REV#	DATE	DESC.
1	09/06/19	SHIFTED SHL'S

GARVIN COUNTY, OKLAHOMA

993' FNL - 2,325' FEL SECTION 15 TOWNSHIP 03N RANGE 04W I.M.

T4N-R4W

PROPOSED BOTTOM HOLE
50' FNL - 2,006' FWL
NAD 27 (US FEET)
N34°46'05.4"
W97°36'31.7"
N34.768176
W97.608806
X:2117488
Y:522384

PROPOSED LAST TAKE POINT
165' FNL - 2,006' FWL
NAD 27 (US FEET)
N34°46'04.3"
W97°36'31.7"
N34.767860
W97.608805
X:2117489
Y:522269

PROPOSED FIRST TAKE POINT
165' FSL - 2,006' FWL
NAD 27 (US FEET)
N34°44'23.0"
W97°36'31.5"
N34.739731
W97.608753
X:2117544
Y:512032

PROPOSED SURFACE HOLE
993' FNL - 2,325' FEL
NAD 27 (US FEET)
N34°44'11.5"
W97°36'20.0"
N34.736539
W97.605546
X:2118512
Y:510875

X:2115482
Y:522434

X:2115497
Y:519783

X:2115511
Y:517133

X:2115525
Y:514500

X:2115539
Y:511867

X:2118126
Y:522435

X:2118153
Y:517139

X:2118184
Y:511868

X:2120771
Y:522435

X:2120783
Y:519791

X:2120794
Y:517147

X:2120812
Y:514507

X:2120830
Y:511868

OPERATOR: MARATHON OIL COMPANY

LEASE NAME: CONCHO 0304

TOPOGRAPHY & VEGETATION: OPEN FIELD

GOOD DRILL SITE? YES

BEST ACCESS TO LOCATION: FROM THE EAST SIDE OF E COUNTY ROAD 1575

DISTANCE AND DIRECTION
FROM HWY JCT OR TOWN BEGINNING AT THE INTERSECTION OF OK HWY 76 & E COUNTY ROAD 1520 APPROX. 1.7 MI. THENCE SOUTH ALONG OK HWY APPROX. 5.7 MI. THENCE WEST
ALONG E COUNTY ROAD 1575 APPROX. 0.9 MI. THE PAD SITE WILL BE IN A FIELD ON THE EAST SIDE OF THE ROAD.

WELL NO.: 1-10-3MXH

ELEVATION:
1,179' GR. AT STAKE NAVD88
1,176' GR. AT STAKE NGVD29

DATUM: NAD 27

LAT: 34° 44' 11.5" N

LONG: 97° 36' 20.0" W

LAT: 34.736539° N

LONG: 97.605546° W

STATE PLANE
COORDINATES: (US FEET)

ZONE: OK SOUTH

X: 2118512

Y: 510875

DATE OF DRAWING: 08-16-19

DATE STAKED: 07-25-19

JOB NO.: 19002773

CERTIFICATE:

I, MICHAEL C. RAY on Oklahoma Licensed Land
Surveyor and an authorized agent of Atwell, LLC, do
hereby certify to the information shown herein

Oklahoma Lic. No. 1653

Michael C. Ray
1653

LICENSED PROFESSIONAL LAND SURVEYOR
OKLAHOMA