

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

API NUMBER: 051 24742

Approval Date: 12/12/2019

Expiration Date: 06/12/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 6N Rge: 5W

County: GRADY

SPOT LOCATION: ☐ SE ☐ NW ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 880 2217

Lease Name: BRAND 0605

Well No: 4-18-30WXH

Well will be 880 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

LOUISE M. SPOON, TRUSTEE AND LEMAN A. SPOON,
TRUSTEE
2700 W. GRAND AVE.
CHICKASHA OK 73018

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

Name	Depth	Name	Depth
1 WOODFORD	12905	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 620669
620394
578225

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201905526
201905523
201905529
201905530
201905537
201905533

Special Orders:

Total Depth: 25888

Ground Elevation: 1102

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 520

Deep surface casing has been approved

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 19-37131

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 1 INFORMATION

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

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 30 Twp 6N Rge 5W County GRADY

Spot Location of End Point: SW SW SE NW

Feet From: NORTH 1/4 Section Line: 2590

Feet From: WEST 1/4 Section Line: 1510

Depth of Deviation: 12428

Radius of Turn: 477

Direction: 195

Total Length: 12711

Measured Total Depth: 25888

True Vertical Depth: 12928

End Point Location from Lease,
Unit, or Property Line: 1510

Notes:

Category

Description

DEEP SURFACE CASING

12/9/2019 - 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

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051 24742 BRAND 0605 4-18-30WXH

HYDRAULIC FRACTURING

12/9/2019 - 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: OCCWEB.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

12/9/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WINTER CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201905523

12/11/2019 - GC2 - (I.O.) 18, 19, & 30-6N-5W
XOTHER 18-6N-5W
X578225 WDFD 18-6N-5W
X620669 WDFD, OTHER 19-6N-5W
X620394 WDFD, OTHER 30-6N-5W
COMPL. INT. (18-6N-5W) NCT 150' FNL, NCT 0' FSL, NCT 1,320' FWL
COMPL. INT. (19-6N-5W) NCT 0' FNL, NCT 0' FSL, NCT 1,320' FWL
COMPL. INT. (30-6N-5W) NCT 0' FNL, NCT 2,310' FSL, NCT 1,320' FWL
NO OP. NAMED
REC 12-10-2019 (NORRIS)

PENDING CD - 201905526

12/11/2019 - GC2 - (I.O.) 18, 19, & 30-6N-5W
EST MULTIUNIT HORIZONTAL WELL
XOTHER 18-6N-5W
X578225 WDFD 18-6N-5W
X620669 WDFD, OTHER 19-6N-5W
X620394 WDFD, OTHER 30-6N-5W
40% 18-6N-5W
40% 19-6N-5W
20% 30-6N-5W
NO OP. NAMED
REC 12-10-2019 (NORRIS)

PENDING CD - 201905529

12/11/2019 - GC2 - 18-6N-5W
X578225 WDFD
4 WELLS
NO OP. NAMED
REC 12-10-2019 (NORRIS)

PENDING CD - 201905530

12/11/2019 - GC2 - 19-6N-5W
X620669 WDFD
5 WELLS
NO OP. NAMED
REC 12-10-2019 (NORRIS)

PENDING CD - 201905533

12/11/2019 - GC2 - (I.O.) 30-6N-5W
X165:10-3-28(C)(2)(B) WDFD (BRAND 0605 4-18-30WXH)
MAY BE CLOSER THAN 600' TO DUNGAN 1-31-30XH, DUNGAN 2-31-30XHW, DUNGAN 4-31-30XHW, DUNGAN 5-30-31XHW
NO OP. NAMED
REC 12-10-2019 (NORRIS)

PENDING CD - 201905537

12/11/2019 - GC2 - 30-6N-5W
X620394 WDFD
4 WELLS
NO OP. NAMED
REC 12-10-2019 (NORRIS)

SPACING - 578225

12/11/2019 - GC2 - (640) 18-6N-5W
EXT 554702 WDFD

SPACING - 620394

12/11/2019 - GC2 - (640)(HOR) 30-6N-5W
EXT OTHER
EXT 614562 WDFD
EST OTHER
COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL

SPACING - 620669

12/11/2019 - GC2 - (640)(HOR) 19-6N-5W
VAC OTHER
EST WDFD, OTHER
COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330'

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

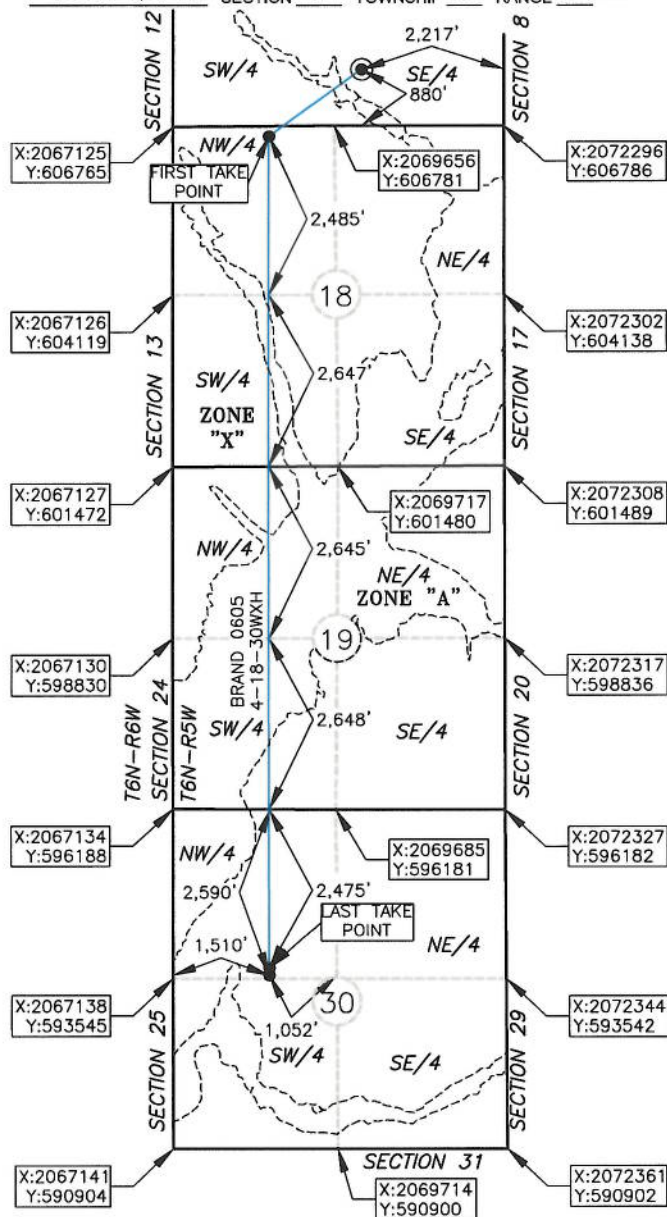
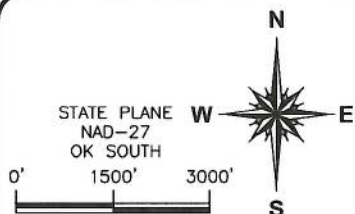
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Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.


ATWELL
 866.850.4200 www.atwell-group.com
 704 W. 41st Street | Sand Springs, OK 74063
 OK CA #6036

GRADY COUNTY, OKLAHOMA

880' FSL - 2,217' FEL SECTION 07 TOWNSHIP 06N RANGE 05W I.M.



PROPOSED
SURFACE HOLE
880'FSL-2,217'FEL
NAD 27 (US FEET)
N35°00'10.4"
W97°45'57.6"
N35.002893
W97.766011
X:2070077
Y:607662

PROPOSED
FIRST TAKE POINT
165'FNL-1,510'FWL
NAD 27 (US FEET)
N35°00'00.0"
W97°46'15.0"
N35.000012
W97.770833
X:2068635
Y:606610

PROPOSED
LAST TAKE POINT
2,475'FNL-1,510'FWL
NAD 27 (US FEET)
N34°57'52.4"
W97°46'15.2"
N34.964565
W97.770890
X:2068647
Y:593709

PROPOSED
BOTTOM HOLE
2,590'FNL-1,510'FWL
NAD 27 (US FEET)
N34°57'51.3"
W97°46'15.2"
N34.964249
W97.770890
X:2068647
Y:593594

OPERATOR: MARATHON OIL COMPANY

LEASE NAME: BRAND 0605

WELL NO.: 4-18-30WXH

TOPOGRAPHY & VEGETATION: OPEN FIELD

ELEVATION:

1,105' GR. AT STAKE NAVD88

1,102' GR. AT STAKE NGVD29

GOOD DRILL SITE? YES

REFERENCE STAKES OR ALTERNATE LOCATION
STAKES SET NONE

BEST ACCESS TO LOCATION: FROM THE NORTH SIDE OF CARDINAL LN.

DISTANCE AND DIRECTION

FROM HWY JCT OR TOWN BEGINNING AT THE INTERSECTION OF HWY. 39 & HWY. 76 ±1.1 MI. NORTHWEST OF DIBBLE, OK. THENCE WEST ALONG HWY. 39 ±6.1 MI. THENCE SOUTH
ALONG COUNTY STREET 2940/19C ±3.0 MI. THENCE WEST ALONG CARDINAL LN ±1.518'. THENCE NORTHWEST ALONG A LEASE ROAD TO THE EDGE OF THE PAD ±738'.

DATUM: NAD 27

LAT: 35° 00' 10.4" N

LONG: 97° 45' 57.6" W

LAT: 35.002893° N

LONG: 97.766011° W

STATE PLANE
COORDINATES: (US FEET)

ZONE: OK SOUTH

X: 2070077

Y: 607662

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

JOB NO.: 19003888

DATE OF DRAWING: 10/30/19

DATE STAKED: 10/22/19

CERTIFICATE:

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

Oklahoma Lic. No. 1653

