

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

API NUMBER: 051 24743

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 2192

Lease Name: NEKIAH 0605

Well No: 2-18-19MXH

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 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 MISSISSIPPIAN	12448	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 153801
620669

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201905536
201905531

Special Orders:

Total Depth: 23864

Ground Elevation: 1103

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

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: 19-37132

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 19 Twp 6N Rge 5W County GRADY

Spot Location of End Point: SE SW SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 930

Depth of Deviation: 12062

Radius of Turn: 477

Direction: 173

Total Length: 11053

Measured Total Depth: 23864

True Vertical Depth: 12559

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

Notes:

Category

Description

DEEP SURFACE CASING

12/11/2019 - 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

12/11/2019 - 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

12/11/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WINTER CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201905531

12/12/2019 - GC2 - (I.O.) 18 & 19-6N-5W
X153801 MSSP, OTHER 18-6N-5W
XOTHER 18-6N-5W
X620669 MSSP, OTHER 19-6N-5W
COMPL. INT. (18-6N-5W) NCT 150' FNL, NCT 0' FSL, NCT 660' FEL
COMPL. INT. (19-6N-5W) NCT 0' FNL, NCT 150' FSL, NCT 660' FEL
NO OP. NAMED
REC. 12-10-2019 (NORRIS)

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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.

051 24743 NEKIAH 0605 2-18-19MXH

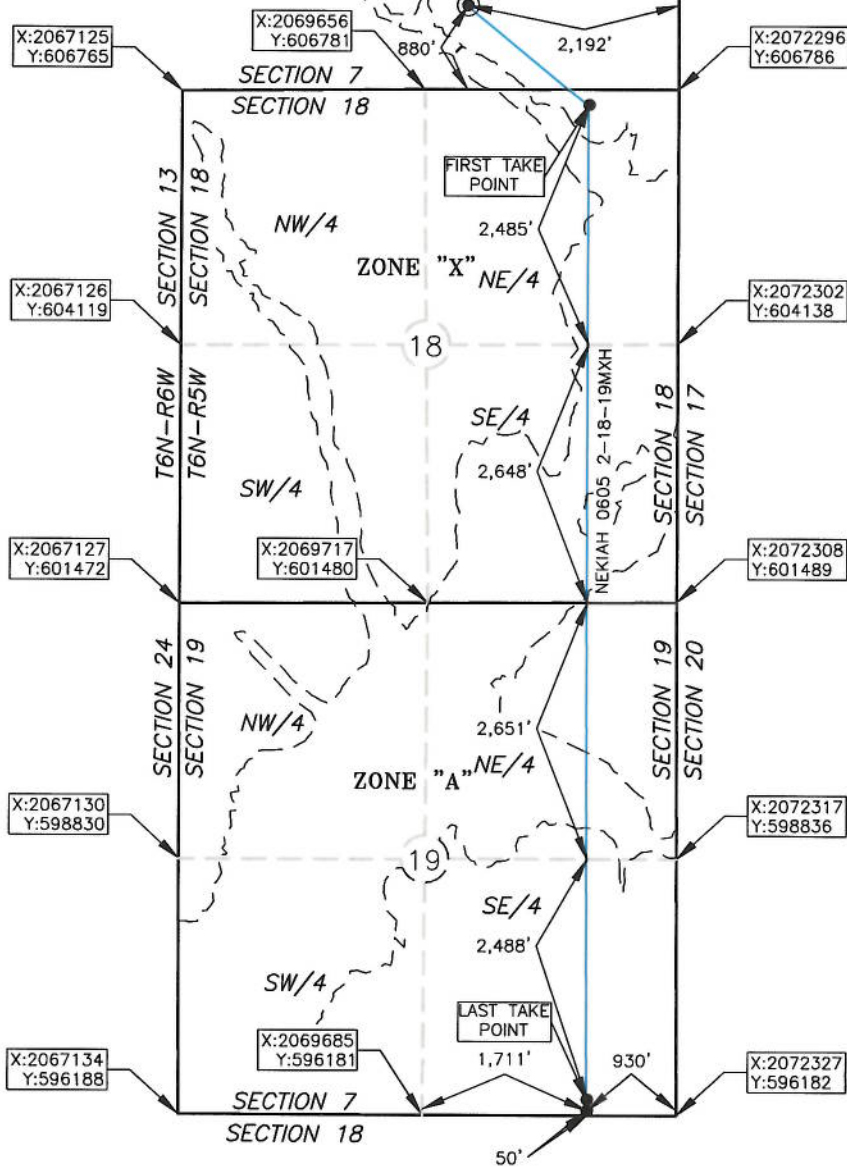
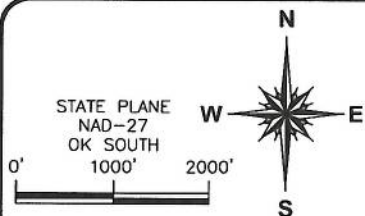
PENDING CD - 201905536	12/12/2019 - GC2 - (I.O.) 18 & 19-6N-5W EST MULTIUNIT HORIZONTAL WELL X153801 MSSP, OTHER 18-6N-5W XOTHER 18-6N-5W X620669 MSSP, OTHER 19-6N-5W 50% 18-6N-5W 50% 19-6N-5W NO OP. NAMED REC 12-10-2019 (NORRIS)
SPACING - 153801	12/12/2019 - GC2 - (640) 18 & 19-6N-5W EXT MSSP, OTHERS (VAC MSSP 19-6N-5W BY 620669) EXT OTHERS
SPACING - 620669	12/12/2019 - GC2 - (640)(HOR) 19-6N-5W VAC 153801 MSSP 19-6N-5W EXT OTHER EST MSSP COMPL. INT. (MSSP) NCT 660' FB


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

GRADY COUNTY, OKLAHOMA

880' FSL - 2,192' FEL SECTION 07 TOWNSHIP 06N RANGE 05W I.M.

REV#	DATE	DESC.
1	11/13/19	SHIFTED WELL SLOT
2	11/20/19	UPDATED NAME



PROPOSED
SURFACE HOLE
880'FSL-2,192'FEL
NAD 27 (US FEET)
N35°00'10.4"
W97°45'57.3"
N35.002893
W97.765927
X:2070102
Y:607662

PROPOSED
FIRST TAKE POINT
165'FNL-930'FEL
NAD 27 (US FEET)
N35°00'00.1"
W97°45'42.2"
N35.000022
W97.761712
X:2071366
Y:606619

PROPOSED
LAST TAKE POINT
165'FSL-930'FEL
NAD 27 (US FEET)
N34°58'18.5"
W97°45'42.1"
N34.971796
W97.761694
X:2071396
Y:596347

PROPOSED
BOTTOM HOLE
50'FSL-930'FEL
NAD 27 (US FEET)
N34°58'17.3"
W97°45'42.1"
N34.971480
W97.761694
X:2071396
Y:596232

OPERATOR: MARATHON OIL COMPANY

LEASE NAME: NEKIAH 0605

WELL NO.: 2-18-19MXH

TOPOGRAPHY & VEGETATION: OPEN FIELD

ELEVATION:

1,106' GR. AT STAKE NAVD88

1,103' 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' 57.3" W

LAT: 35.002893° N

LONG: 97.765927° W

STATE PLANE

COORDINATES: (US FEET)

ZONE: OK SOUTH

X: 2070102

Y: 607662

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

JOB NO.: 19003885

DATE OF DRAWING: 10/29/19

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 to the information shown herein

Oklahoma Lic. No. 1653

