

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

API NUMBER: 049 25292

Approval Date: 05/10/2019

Expiration Date: 11/10/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 3N Rge: 4W

County: GARVIN

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 240 1322

Lease Name: MCCLOUD 0304

Well No: 1-6SH

Well will be 240 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

BRUCE OWENS
13257 HWY. 76
LINDSAY OK 73052

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

	Name	Depth	Name	Depth
1	SPRINGER	12550	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201902532
201902537
201902531

Special Orders:

Total Depth: 17434

Ground Elevation: 1082

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: 19-36575

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 06 Twp 3N Rge 4W County GARVIN

Spot Location of End Point: SE SE SE SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 2375

Depth of Deviation: 12088

Radius of Turn: 477

Direction: 170

Total Length: 4597

Measured Total Depth: 17434

True Vertical Depth: 12805

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

Notes:

Category

Description

DEEP SURFACE CASING

5/7/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

5/7/2019 - 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

5/7/2019 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201902531

5/9/2019 - G75 - (E.O.) 6-3N-4W
X201902532 SPRG
2 WELLS
MARATHON OIL CO.
REC 5-7-2019 (NORRIS)

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

049 25292 MCCLOUD 0304 1-6SH

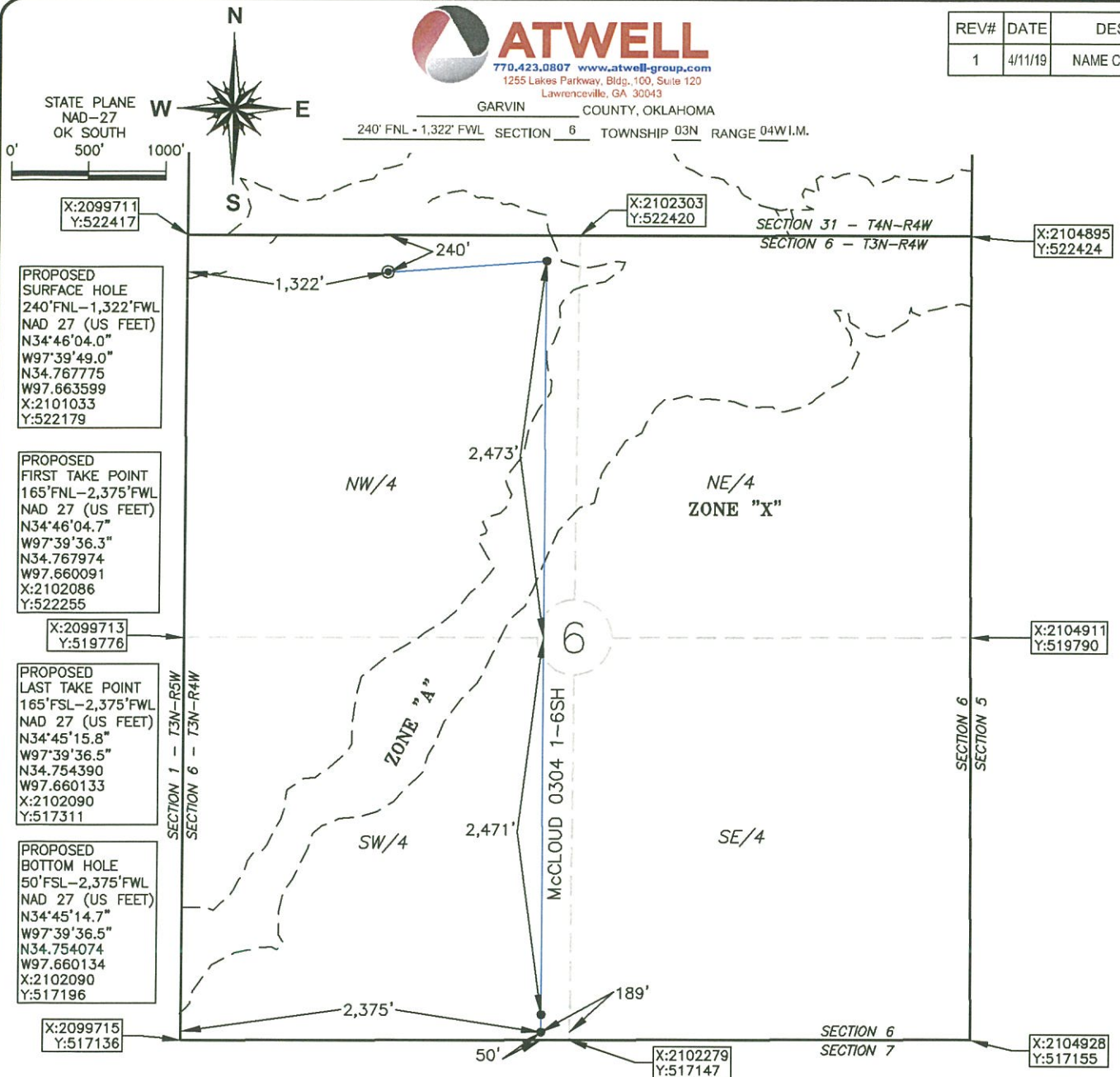
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Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
PENDING CD - 201902532	5/9/2019 - G75 - (E.O.)(640)(HOR) 6-3N-4W EXT 671679 SPRG, OTHERS POE TO BHL NLT 660' FB MARATHON OIL CO. REC 5-7-2019 (NORRIS)
PENDING CD - 201902537	5/9/2019 - G75 - (E.O.) 6-3N-4W X201902532 SPRG COMPL. INT. NCT 165' FNL & NCT 1320' FEL, NCT 165' FSL, & NCT 1320' FWL MARATHON OIL CO. REC 5-7-2019 (NORRIS)



REV#	DATE	DESC.
1	4/11/19	NAME CHANGE



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: McCLOUD 0304

WELL NO.: 1-6SH

TOPOGRAPHY & VEGETATION: OPEN FIELD

ELEVATION:

1,085' GR. AT STAKE NAVD88

1,082' GR. AT STAKE NGVD29

GOOD DRILL SITE? YES

REFERENCE STAKES OR ALTERNATE LOCATION
STAKES SET NONE

BEST ACCESS TO LOCATION: N 2990 RD TO THE EAST

DISTANCE AND DIRECTION

FROM HWY JCT OR TOWN BEGINNING AT THE INTERSECTION OF E COUNTY ROAD 1520 AND OK HWY 76 APPROX. 1.7 MILES SOUTH OF LINDSAY, THENCE SOUTH ON OK HWY 76 APPROX. 2 MILES, THEN WEST ONTO

GARVIN CO PAINT RD APPROX. 4 MILES, THENCE SOUTH ONTO N 2990 RD APPROX. 1.04 MILES, SITE IS IN THE FIELD ON THE EAST SIDE OF THE ROAD.

DATUM: NAD 27

LAT: 34° 46' 04.0" N

LONG: 97° 39' 49.0" W

LAT: 34.767775° N

LONG: 97.663599° W

STATE PLANE
COORDINATES: (US FEET)

ZONE: OK SOUTH

X: 2101033

Y: 522179

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

JOB NO.: 19000436

DATE OF DRAWING: 2/14/19

DATE STAKED: 2/12/19

CERTIFICATE:

I, DAVID L. ANDERSON an Oklahoma Licensed Land
Surveyor and an authorized agent of Atwell, LLC, do
hereby certify to the information shown hereinDavid L. Anderson 4-18-19
Oklahoma Lic. No. 1927