

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

API NUMBER: 017 25386

Approval Date: 02/08/2019

Expiration Date: 08/08/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 13N Rge: 7W

County: CANADIAN

SPOT LOCATION: ☐ SW ☐ SE ☐ NE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 1348 378

Lease Name: BOH'OOO BIA 1307

Well No: 1-6-7WXH

Well will be 378 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

CHEYENNE ARAPAHO TRIBES C/O DAMON DUNBAR  
100 RED MOON CIRCLE  
CONCHO OK 73022

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

Name	Depth	Name	Depth
1 WOODFORD	9800	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 689516

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201808799

Special Orders:

Total Depth: 16083

Ground Elevation: 1291

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 230

Under Federal Jurisdiction: Yes

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

E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

Is depth to top of ground water greater than 10ft below base of pit? Y

H. SEE MEMO

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

HORIZONTAL HOLE 1

Sec 07 Twp 13N Rge 7W County CANADIAN

Spot Location of End Point: SW SW SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1100

Depth of Deviation: 9115

Radius of Turn: 477

Direction: 185

Total Length: 6219

Measured Total Depth: 16083

True Vertical Depth: 9935

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

Notes:

Category

Description

DEEP SURFACE CASING

1/16/2019 - 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

1/16/2019 - 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](http://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](http://FRACFOCUS.ORG)

MEMO

1/16/2019 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201808799

2/8/2019 - G75 - (I.O.)(IRR UNIT) SOUTH 1637' OF 6 & 7-13N-7W  
X689516 WDFD  
COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 330' FEL  
NO OP. NAMED  
REC 11-20-2018 (NORRIS)

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.

017 25386 BOH'OOO BIA 1307 1-6-7WXH

Category

SPACING - 689516

Description

2/8/2019 - G75 - (841.73)(IRR UNIT) SOUTH 1637' OF 6 & 7-13N-7W  
VAC OTHERS  
EST WDFD, OTHERS  
COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL

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

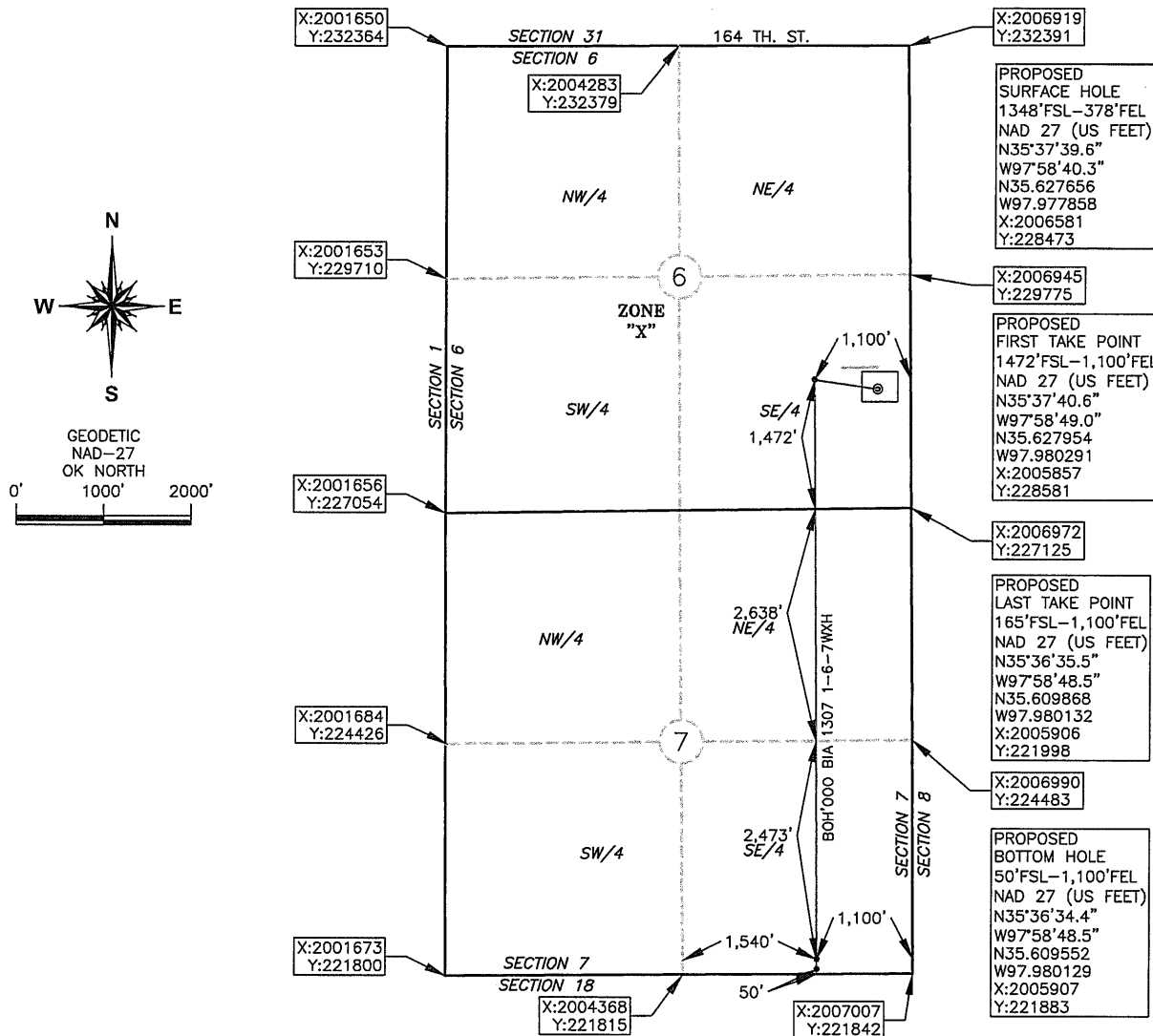
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CANADIAN COUNTY, OKLAHOMA

1348' FSL - 378' FEL SECTION 6 TOWNSHIP 13N RANGE 7W I.M.



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: BOH'000 BIA 1307

WELL NO.: 1-6-7WXH

TOPOGRAPHY &amp; VEGETATION: OPEN FIELD

## ELEVATION:

1,294' GR. AT STAKE NAVD88

1,291' GR. AT STAKE NGVD29

GOOD DRILL SITE? YES

REFERENCE STAKES OR ALTERNATE LOCATION  
STAKES SET NONE

BEST ACCESS TO LOCATION: 164TH. ST. TO THE SOUTH R.O.W.

DISTANCE AND DIRECTION  
FROM HWY JCT OR TOWN BEGINNING AT THE INTERSECTION OF E. FOREMAN RD. AND HWY 81 IN EL RENO OK. DRIVE NORTH ALONG SAID HWY 81, FOR APPROX. 7 MILES FOR THE  
INTERSECTION OF 164TH. ST. AND HWY. 81 DRIVE WEST ALONG 164TH. ST. FOR APPROX. 1 MILE. SITE IS IN THE FIELD ON THE SOUTH SIDE OF THE ROAD.

DATUM: NAD 27

LAT: 35° 37' 39.6" N

LONG: 97° 58' 40.3" W

LAT: 35.627656° N

LONG: 97.977858° W

STATE PLANE

COORDINATES: (US FEET)

ZONE: OK NORTH

X: 2006581

Y: 228473

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

JOB NO.: 18002465

DATE OF DRAWING: 08/2/18

DATE STAKED: 07/30/18

## 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*

Oklahoma Lic. No. 1927

1/3/19

