

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

API NUMBER: 051 24675

Approval Date: 07/10/2019

Expiration Date: 01/10/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 6N Rge: 6W

County: GRADY

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 232 645

Lease Name: HAYMICH 0606

Well No: 1-22MH

Well will be 232 feet from nearest unit or lease boundary.

Operator Name: MARATHON OIL COMPANY

Telephone: 4057285228

OTC/OCC Number: 1363 0

MARATHON OIL COMPANY  
7301 N W EXPRESSWAY SUITE 225  
OKLAHOMA CITY, OK 73132

JANET LEE BISHOP  
P.O. BOX 13057  
BURTON WA 98013

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

Name	Depth	Name	Depth
1 SYCAMORE	14612	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 598782

Location Exception Orders:

Increased Density Orders: 697570

Pending CD Numbers: 201902373

Special Orders:

Total Depth: 19407

Ground Elevation: 1044

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 510

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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

PERMIT NO: 19-36803

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

## HORIZONTAL HOLE 1

Sec 22 Twp 6N Rge 6W County GRADY

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 375

Depth of Deviation: 13733

Radius of Turn: 462

Direction: 357

Total Length: 4948

Measured Total Depth: 19407

True Vertical Depth: 14862

End Point Location from Lease,  
Unit, or Property Line: 375

Additional Surface Owner	Address	City, State, Zip
RICHARD L. & BRENDA KAY GREGO	27 LEISUREWOOD	BLANCHARD, OK 72113
L. B. & MARY B. CARR, JR.	2646 COUNTY ROAD 2950	BLANCHARD, OK 73130

## Notes:

### Category

### Description

#### DEEP SURFACE CASING

7/8/2019 - 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

7/8/2019 - 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)

#### INCREASED DENSITY - 697570

7/10/2019 - G56 - (I.O.) 22-6N-6W  
X598782 SCMR  
1 WELL  
NO OP NAMED  
6/11/2019

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

051 24675 HAYMICH 0606 1-22MH

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.

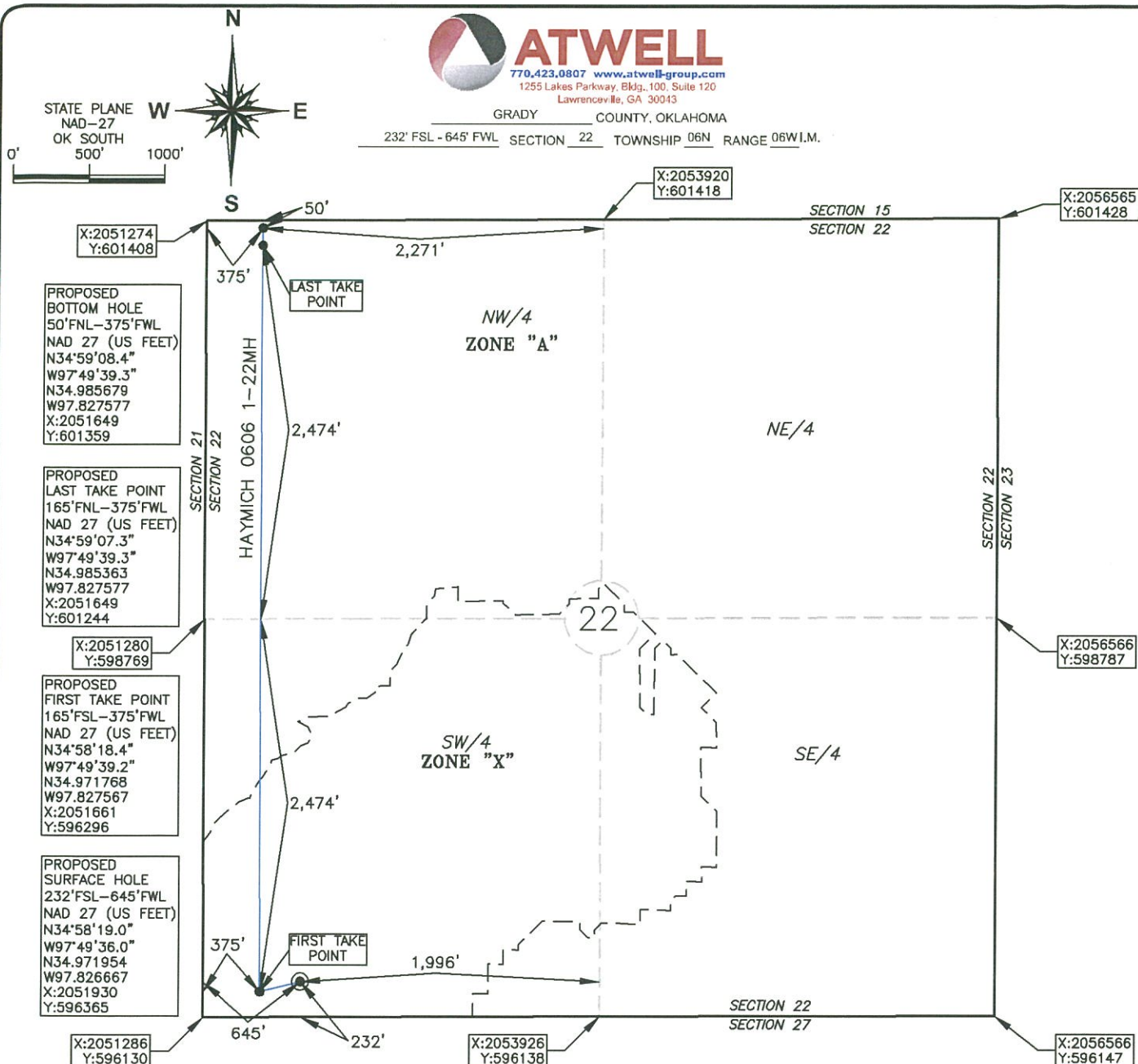
Category	Description
MEMO	7/8/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WASHITA RIVER), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201902373	7/10/2019 - G56 - (I.O.) 22-6N-6W X598782 SCMR COMPL INT NCT 150' FSL, NCT 150' FNL, NCT 330' FWL NO OP NAMED REC 5/14/2019 (MILLER)
SPACING - 598782	7/10/2019 - G56 - (640) 22-6N-6W EXT 580121/153801 SCMR, OTHERS



**ATWELL**  
770.423.0807 www.atwell-group.com  
1255 Lakes Parkway, Bldg. 100, Suite 120  
Lawrenceville, GA 30043

GRADY COUNTY, OKLAHOMA

232' FSL - 645' FWL SECTION 22 TOWNSHIP 06N RANGE 06W1.M.



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: HAYMICH 0606

WELL NO.: 1-22MH

TOPOGRAPHY & VEGETATION: OPEN FIELD

ELEVATION:

1,047' GR. AT STAKE NAVD88

1,044' 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 E1410 RD

DISTANCE AND DIRECTION

FROM HWY JCT OR TOWN BEGINNING AT THE INTERSECTION OF OK HWY. 19 AND DELL ST. APPROX. 8 MILES SOUTH OF CHICKASHA. CONTINUE ONTO E 1420 RD. APPROX. 0.5 MILES, THENCE NORTH ON N2895 RD.

APPROX. 0.7 MILES, THENCE EAST ON E 1413 RD APPROX. 0.5 MILES, THENCE NORTH ON 2900 RD APPROX. 0.2 MILES, THENCE EAST ON E 1410 RD. APPROX. 0.1 MILES.

DATUM: NAD 27

LAT: 34° 58' 19.0" N

LONG: 97° 49' 36.0" W

LAT: 34.971954° N

LONG: 97.826667° W

STATE PLANE  
COORDINATES: (US FEET)

ZONE: OK SOUTH

X: 2051930

Y: 596365

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

JOB NO.: 19000437

DATE OF DRAWING: 6/4/19

DATE STAKED: 5/31/19

CERTIFICATE:

I, DAVID L. ANDERSON an Oklahoma Licensed Land  
Surveyor and an authorized agent of Atwell, LLC, do  
hereby certify to the information shown herein

Oklahoma Lic. No. 1927

