

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

API NUMBER: 039 22578

Approval Date: 06/24/2019

Expiration Date: 12/24/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 12N Rge: 18W

County: CUSTER

SPOT LOCATION: ☐ SW ☐ SE ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 200 1895

Lease Name: VERNETTE 7 OB

Well No: 1H

Well will be 200 feet from nearest unit or lease boundary.

Operator Name: MEWBOURNE OIL COMPANY

Telephone: 9035612900

OTC/OCC Number: 6722 0

MEWBOURNE OIL COMPANY

PO BOX 7698

TYLER, TX 75711-7698

MICHAEL S. BAKER

22115 E. 990 RD.

ARAPAHO OK 73620

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

Name	Depth	Name	Depth
1 CHEROKEE	12650	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 176468

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903003

Special Orders:

201903004

Total Depth: 17752

Ground Elevation: 1640

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 530

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: 8000 Average: 5000

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 19-36744

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 07 Twp 12N Rge 18W County CUSTER

Spot Location of End Point: C N2 N2 NE

Feet From: NORTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 1320

Depth of Deviation: 12204

Radius of Turn: 575

Direction: 7

Total Length: 4645

Measured Total Depth: 17752

True Vertical Depth: 12650

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category

Description

DEEP SURFACE CASING

6/19/2019 - 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

6/19/2019 - 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

6/19/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WASHITA RIVER), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201903003

6/24/2019 - G58 - (I.O.) 7-12N-18W
X176468 CHRK
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 1320' FEL
NO OP. NAMED
REC 6/17/2019 (THOMAS)

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.

039 22578 VERNETTE 7 OB 1H

Category	Description
PENDING CD - 201903004	6/24/2019 - G58 - 7-12N-18W X176468 CHRK 1 WELL NO OP. NAMED REC 6/17/2019 (THOMAS)
SPACING - 176468	6/24/2019 - G58 - (640) 7-12N-18W EXT 95725 CHRK, OTHERS EXT OTHERS EST OTHERS
WATERSHED STRUCTURE	6/19/2019 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 323-4875 PRIOR TO DRILLING

County, Oklahoma

X	1657235
Y	197786

X	1662467
Y	197698

X	1659789
Y	197744

LOT 1

NE

LOT 2

LOT 3

E/2-SW/4

LOT 4

LP @ 330' FSL & 1,824' FEL

~~EXISTING WELL~~

X	1657169
Y	192508

X	1659696
Y	192469

X 1662355
Y 192429

Operator: MEWBOURNE OIL Co.

Lease Name: VERNETTE 7 OB

Well No.: 1H

ELEVATION:

1640' Gr. at stake

Topography & Vegetation Location fell West of sloped pasture and East of terraced wheat field;
±1132' SW of an Existing Well.

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From the South off county road.

Distance & Direction

from Hwy Jct or Town From Jct. of St. Hwy 44 & St. Hwy 73 Southeast of Foss Lake, go ± 2.0 mi. to the East on Hwy 73, then ± 1.0 mi. North to the Southeast Cor. of Sec. 7, T12N-R18W.

Revision ☒ A

Date of Drawing: June 03, 2019

Project # 126012 Date Staked: May 31, 2019

ST

CERTIFICATE:

I, Thomas L. Howell an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

Oklahoma Reg. No. 1433

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

DATUM: NAD-27
LAT: 35°31'25.6" N
LONG: 99°08'27.5" W
LAT: 35.523781139° N
LONG: 99.140978910° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1660465
Y: 192658

