

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

API NUMBER: 045 23744

Approval Date: 06/11/2018  
Expiration Date: 12/11/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 19N Rge: 26W County: ELLIS  
SPOT LOCATION:  NW  NW  NE  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 250 1125

Lease Name: WALLEYE 4 AP Well No: 1HM Well will be 250 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

BETTY RUTH SCHOENHALS, TRUSTEE  
4860 BERRYHILL DR.  
WOODWARD OK 73801

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

Name	Depth	Name	Depth
1 DES MOINES	8650	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 126639

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201803231

Special Orders:

Total Depth: 13412

Ground Elevation: 2503

**Surface Casing: 1999**

Depth to base of Treatable Water-Bearing FM: 670

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

**PIT 1 INFORMATION**

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 25000 Average: 7500

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: OGALLALA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 18-34683

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: OGALLALA

HORIZONTAL HOLE 1

Sec 04 Twp 19N Rge 26W County ELLIS

Spot Location of End Point: S2 S2 S2 SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1320

Depth of Deviation: 8150

Radius of Turn: 477

Direction: 181

Total Length: 4513

Measured Total Depth: 13412

True Vertical Depth: 8750

End Point Location from Lease,  
Unit, or Property Line: 165

Additional Surface Owner	Address	City, State, Zip
GREGORY DEAN BAY, TRUSTEE	23224 170TH ST.	PURCELL, OK 73080
BETTY DORENE SMITH	1510 ENTERPRISE AVE.	WOODWARD, OK 73801

Notes:

Category

Description

DEEP SURFACE CASING

6/1/2018 - 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

6/1/2018 - 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

6/7/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

Category	Description
PENDING CD - 201803231	6/11/2018 - G58 - (I.O.) 4-19N-26W X126639 DSMN COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 1000' FEL NO OP. NAMED REC 5/14/2018 (DENTON)
SPACING - 126639	6/11/2018 - G58 - (640) 4-19N-26W EST DSMN

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.

**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**  
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 • OUT OF STATE (800) 654-3219  
Certificate of Authorization No. 1293 LS

ELLIS County, Oklahoma

250' FNL - 1125' FEL Section 4 Township 19N Range 26W I.M.

X 1412949  
Y 427875

X 1418249  
Y 427689

X 1415599  
Y 427782

X 1412892  
Y 425198

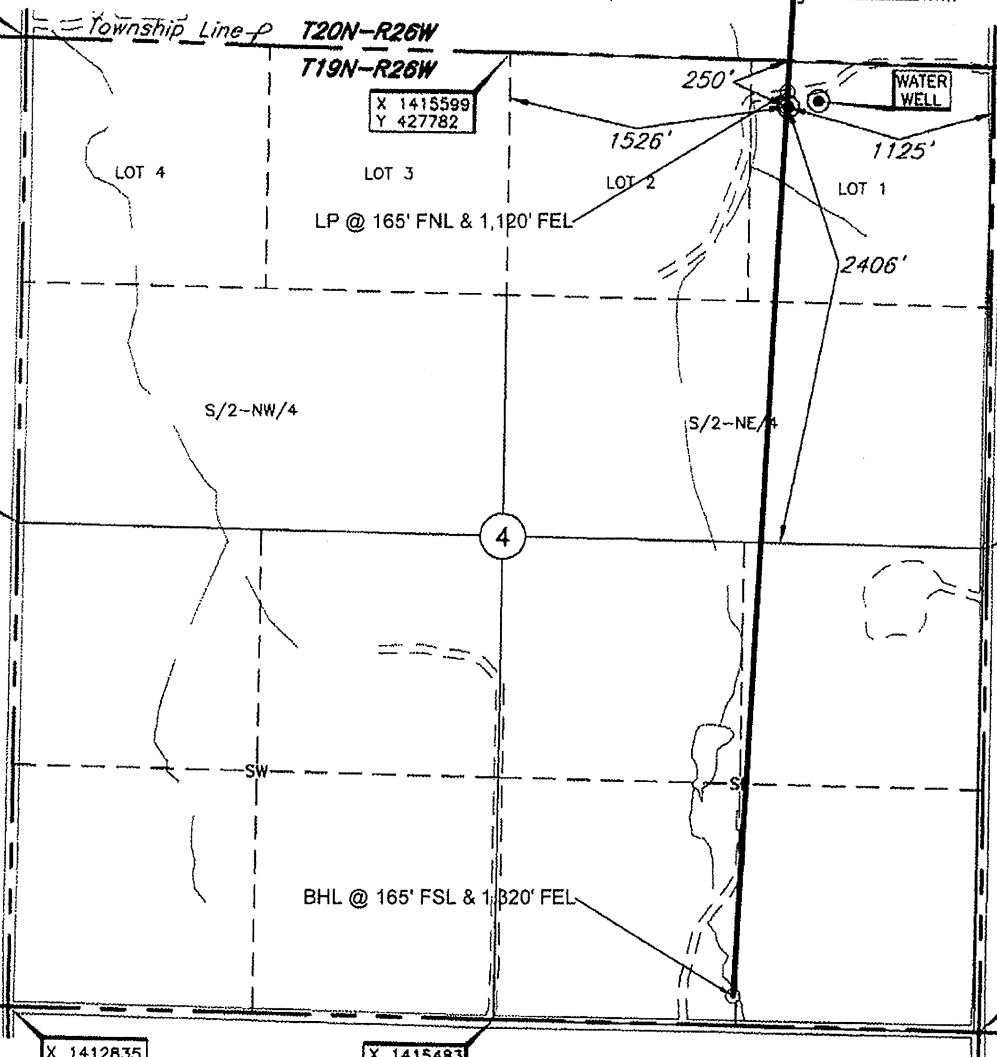
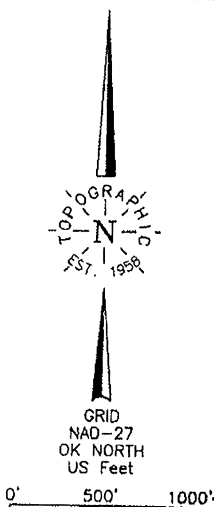
X 1418190  
Y 425040

X 1418132  
Y 422397

X 1412835  
Y 422540

X 1415483  
Y 422469

**NOTE:**  
The information shown herein is for construction purposes ONLY.



Operator: MEWBOURNE OIL COMPANY

Lease Name: WALLEYE 4

Well No.: AP#1HM

**ELEVATION:**

2503' Gr. at Stake

Topography & Vegetation Loc. fell in sloped pasture, ±172' West of waterwell

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From East off county road

Distance & Direction from Hwy Jct or Town From Jct. US Hwy. 60 and US Hwy. 283, West of Arnett, OK, go ±5.0 mi. West on US Hwy. 60, then ±1.7 mi. North to the NE Cor. of Sec. 4-T19N-R26W

DATUM: NAD-27  
LAT: 36°09'29.1"N  
LONG: 99°58'28.5"W  
LAT: 36.158077175° N  
LONG: 99.974590757° W  
STATE PLANE COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 1417119  
Y: 427478

Revision  A Date of Drawing: May 25, 2018  
Invoice # 293951A Date Staked: May 21, 2018

**CERTIFICATE:**

I, T. Wayne Fisch an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

T. Wayne Fisch  
Oklahoma Lic. No. 1378



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