

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

API NUMBER: 045 23830

Approval Date: 01/08/2020

Expiration Date: 07/08/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 18N Rge: 26W

County: ELLIS

SPOT LOCATION: ☐ SW ☐ SE ☐ SW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 2400 1800

Lease Name: SANSING UNIT JO

Well No: #3HM

Well will be 1800 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

STEELE FAMILY RANCH WEST, LLC

9822 WINDLEDGE DRIVE

DALLAS TX 75238

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

	Name	Depth	Name	Depth
1	MARMATON	9210	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 677592

Location Exception Orders: 679336

Increased Density Orders:

697358

Pending CD Numbers:

Special Orders:

Total Depth: 17032

Ground Elevation: 2433

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 520

Deep surface casing has been approved

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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 BED AQUIFER

Pit Location Formation: OGALLALA

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

PERMIT NO: 19-37109

H. SEE MEMO

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

The duration of this permit is 18 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 17 Twp 18N Rge 26W County ELLIS

Spot Location of End Point: SW SE SW SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1800

Depth of Deviation: 8683

Radius of Turn: 568

Direction: 181

Total Length: 7457

Measured Total Depth: 17032

True Vertical Depth: 9256

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

Notes:

Category

Description

DEEP SURFACE CASING

1/7/2020 - 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

1/7/2020 - 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

LOCATION EXCEPTION - 679336 (201802222)

1/8/2020 - GC2 - (I.O.) S2 FRAC 8-18N-26W & FAC 17-18N-26W
X677592 MRMN
FIRST PERF. NCT 165' FNL/FSL, NCT 1,100' FEL
LAST PERF. NCT 165' FNL/FSL, NCT 1,100' FEL
MEWBOURNE OIL COMPANY
6-18-2018

LOCATION EXCEPTION - 697358 (201802222)

1/8/2020 - GC2 - EXT OF TIME FOR ORDER 677592 UNTIL 6-18-2020.

MEMO

1/7/2020 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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

The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1.

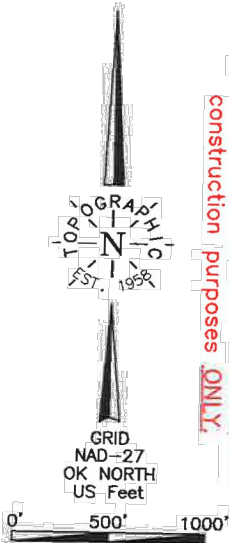
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045 23830 SANSING UNIT JO #3HM

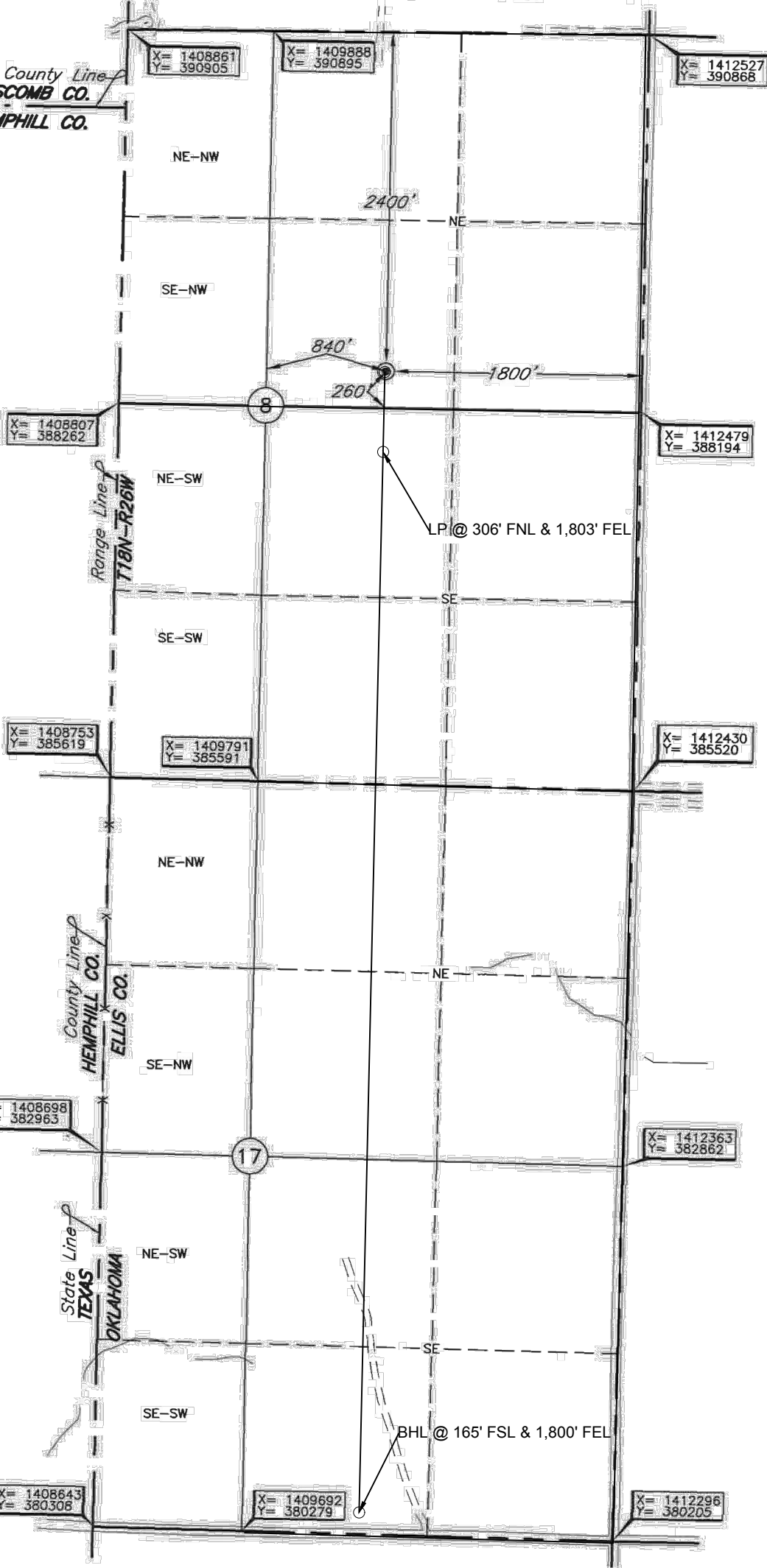
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

ELLIS County, Oklahoma
2400' FNL - 1800' FEL Section 8 Township 18N Range 26W I.M.

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



County Line
LIPSCOMB CO.
HEMPHILL CO.



Operator: MEWBOURNE OIL COMPANY
Lease Name: SANSING UNIT
Topography & Vegetation: Loc. fell in sloping sandy grass pasture.

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

ELEVATION:
2433' Gr. at Stake

Best Accessibility to Location: From East off county road
Distance & Direction: From the junction of US Hwy. 283 N and US Hwy. 60 E-W, go ± 3.5 miles South, then West ± 4.0 miles, then South ± 1.0 mile, then West ± 2.0 miles. South ± 1.0 miles to the NE Cor. of Sec. 8-T18N-R26W.

DATUM: NAD-27
LAT: 36°03'02.2"N
LONG: 99°59'37.2"W
LAT: 36.050624109°N
LONG: 99.993672945°W
STATE PLANE COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1410684
Y: 388487

Invoice # 269678 Date of Drawing: Mar. 5, 2017
Date Staked: Feb. 28, 2017 TR

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

Thomas L. Howell
Oklahoma Lic. No. 1433

