

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

API NUMBER: 045 23743

Approval Date: 05/18/2018

Expiration Date: 11/18/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 20N Rge: 26W

County: ELLIS

SPOT LOCATION: ☐ NE ☐ NE ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 250 1100

Lease Name: DIAMONDEYE 28 MD

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

GLENN WILLIAM SCHOENHALS

5709 ROSEBAY CT.

OKLAHOMA CITY OK 73142

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

Name	Depth	Name	Depth
1 DES MOINES	8550	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 131723

Location Exception Orders: 663879

Increased Density Orders:

677454

Pending CD Numbers:

Special Orders:

Total Depth: 13567

Ground Elevation: 2468

Surface Casing: 870

Depth to base of Treatable Water-Bearing FM: 620

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: 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

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

PERMIT NO: 18-34547

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 28 Twp 20N Rge 26W County ELLIS

Spot Location of End Point: C N2 N2 NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 8043

Radius of Turn: 577

Direction: 4

Total Length: 4618

Measured Total Depth: 13567

True Vertical Depth: 8550

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

Additional Surface Owner	Address	City, State, Zip
EVA ANNE CARMAN	1302 W. AJO, #238	TUCSON, AZ 85713

Notes:

Category

Description

HYDRAULIC FRACTURING

5/18/2018 - 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: OCCWEB.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 - 663879

5/18/2018 - G58 - (I.O.) 28-20N-26W
X131723 DSMN
COMPL. INT. NCT 330' FNL, NCT 330' FSL, NCT 1100' FWL
MEWBOURNE OIL COMPANY
5/22/2018

LOCATION EXCEPTION - 677454

5/18/2018 - G58 - 28-20N-26W
EXT 663879 TIME FOR COMMENCEMENT OF OPERATIONS TO 5/22/2019

MEMO

5/18/2018 - 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.

045 23743 DIAMONDEYE 28 MD 1HM

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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

SPACING - 131723

Description

5/18/2018 - G58 - (640) 28-20N-26W
EXT. OTHERS
EST. DSMN, OTHERS

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.

ELLIS

County, Oklahoma

045-23743

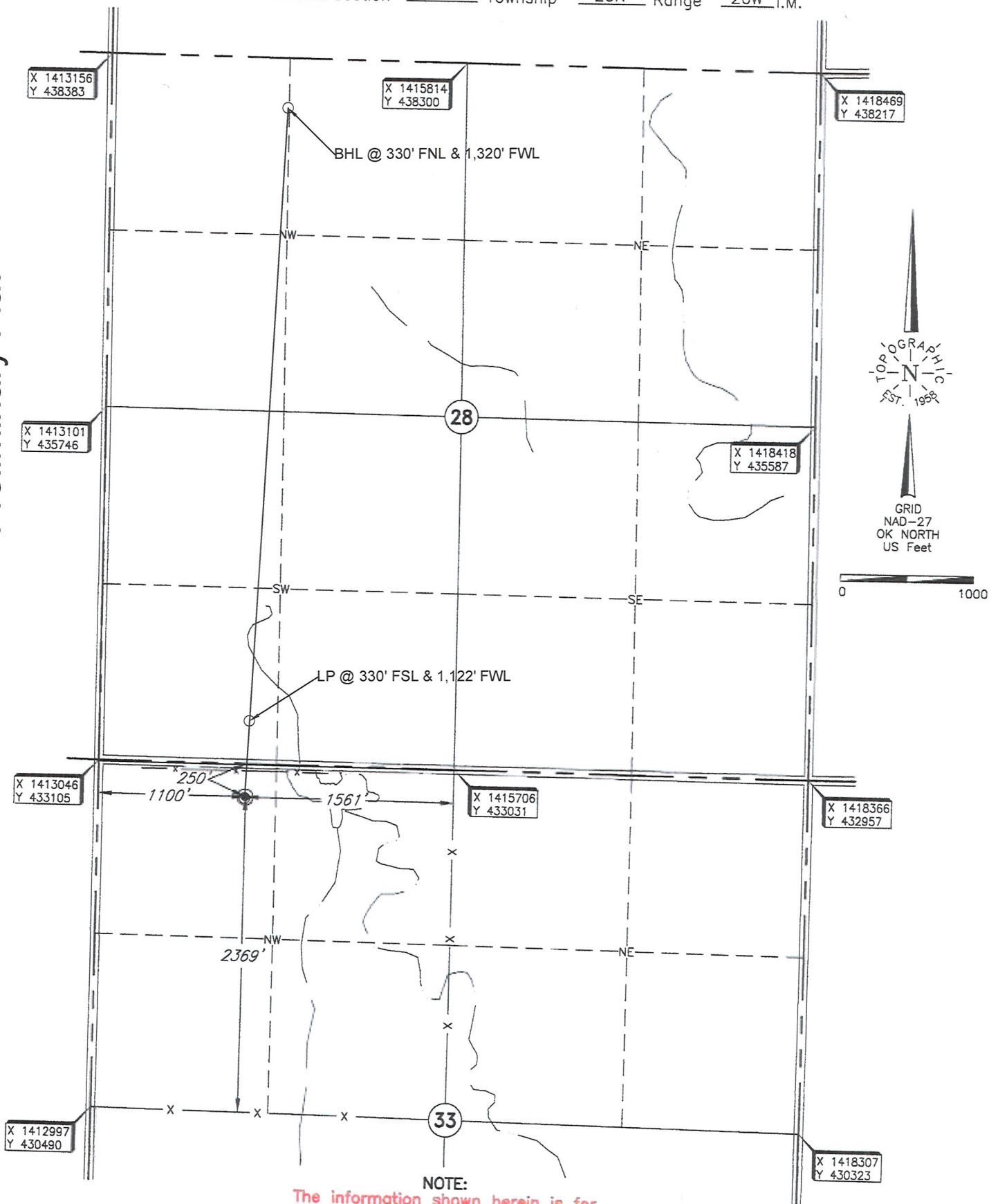
250'FNL - 1100'FWL

Section 33

Township 20N

Range 26W I.M.

Preliminary Plat



Operator: MEWBOURNE OIL COMPANY

Lease Name: DIAMONDEYE 28

Well No.: MD#1HM

ELEVATION:

2468' Gr. at Stake

Topography & Vegetation Location fell in rolling pasture, R/W fence $\pm 220'$ north, $\pm 110'$ northeast of a well location stake by others.

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From North off County Road

Distance & Direction
from Hwy Jct or Town From the Jct. of U.S. Hwy. 60 and U.S. Hwy. 283 west of Arnett, Ok., go ± 6.0 miles West on U.S. Hwy. 60, then ± 2.7 miles North to the NW corner of Section 33, T20N - R26W.

DATUM: NAD-27
LAT: $36^{\circ}10'21.3''N$
LONG: $99^{\circ}59'06.2''W$
LAT: $36.172593409^{\circ}N$
LONG: $99.985047310^{\circ}W$
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1414141
Y: 432824

Invoice # 268221

Date of Drawing: November 22, 2016

Date Staked: November 21, 2016

RKM

CERTIFICATE:

I, Lee K. Goss an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Oklahoma Lic. No. 1778

