

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

API NUMBER: 043 23424 A

Approval Date: 11/23/2016  
Expiration Date: 05/23/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 17N Rge: 19W County: DEWEY  
SPOT LOCATION:  NW  NW  NE  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 200 1480

Lease Name: DEAN 9 NC Well No: 1HC 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 FAIRCHILD  
RT. 1, BOX 68A  
CAMARGO OK 73835

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

Name	Depth	Name	Depth
1 CLEVELAND	9000	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 503037 Location Exception Orders: 636847 Increased Density Orders:  
648729

Pending CD Numbers: Special Orders:

Total Depth: 14038 Ground Elevation: 2008 **Surface Casing: 2000** Depth to base of Treatable Water-Bearing FM: 390

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 16-31828  
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

HORIZONTAL HOLE 1

Sec 09 Twp 17N Rge 19W County DEWEY

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: 8567

Radius of Turn: 573

Direction: 358

Total Length: 4571

Measured Total Depth: 14038

True Vertical Depth: 9140

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

Notes:

Category	Description
DEEP SURFACE CASING	11/18/2016 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	11/18/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.
LOCATION EXCEPTION - 636847	11/22/2016 - G75 - (I.O.) 9-17N-19W X503037 CLVD SHL NCT 225 FNL, NCT 600 FWL ** POE NCT 330 FNL, NCT 600 FWL ++ BHL NCT 330 FSL, NCT 600 FWL ++ MEWBOURNE OIL CO. 2-23-2015  ** ITD HAS SHL AS 200' FNL, 1480' FWL 16-17N-19W; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR  ++ ITD HAS LATERAL DRILLED IN OPPOSITE DIRECTION; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR
LOCATION EXCEPTION - 648729	11/22/2016 - G75 - EXTEND 636847 UNTIL 2-23-2017
SPACING - 503037	11/22/2016 - G75 - (640) 9-17N-19W EXT OTHERS EXT 464426 CLVD, OTHERS

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**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73118 • LOCAL (405) 843-4847 • OUT. OF STATE (800) 654-3219

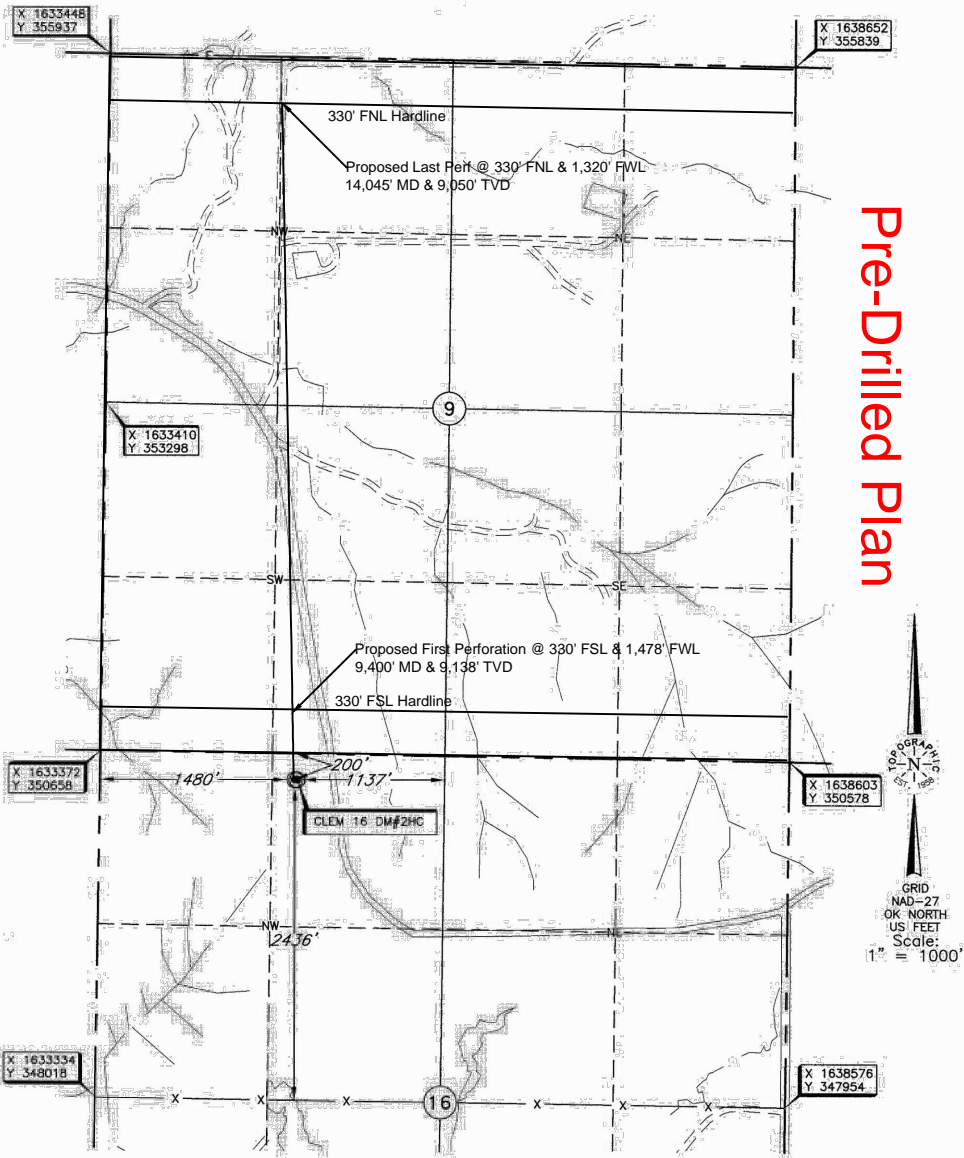
Certificate of Authorization No. 1293, LS

DEWEY

County, Oklahoma

200' FNL - 1480' FWL Section 16 Township 17N Range 19W I.M.

Pre-Drilled Plan



GRID  
NAD-27  
OK NORTH  
US FEET  
Scale:  
1" = 1000'

**NOTE:**  
The information shown herein is for construction purposes ONLY.  
KB Elevation: 2,028'

Operator: MEWBORNE OIL COMPANY

Lease Name: DEAN 9

Well No.: NC #1HC

**ELEVATION:**  
2008' Gr. at Stake

Topography & Vegetation Loc. fell in slope grass pasture, 20' West of Clem 16 DM#2HC well stake

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 Webb, Ok, go ±2.25 miles North, then ±5.5 miles West,  
then continue ±0.5 mile West thru section 16 to the NW Cor. of Sec. 16-T17N-R19W

Date of Drawing: Jun. 26, 2015  
Invoice # 246064 Date Staked: Jun. 24, 2015

This information was gathered with a GPS receiver with ±1 foot horiz./vert. accuracy.

DATUM: NAD-27  
LAT: 35°57'22.8"N  
LONG: 99°14'01.6"W  
LAT: 35.956338821° N  
LONG: 99.233787982° W  
STATE PLANE  
COORDINATES (US FEET):  
ZONE: OK NORTH  
X: 1634849  
Y: 350435

**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.  
*Lee K. Goss*  
Oklahoma Lic. No. 1778

