

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

API NUMBER: 017 24864 B

Approval Date: 02/13/2017  
Expiration Date: 08/13/2017

Horizontal Hole Oil & Gas

Amend reason: CHANGE IN SURFACE HOLE

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 12N Rge: 7W County: CANADIAN  
SPOT LOCATION:  NW  NE  NE  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 180 2100

Lease Name: ROYSTER 1207 Well No: 36-1HW Well will be 180 feet from nearest unit or lease boundary.

Operator Name: EAGLE EXPLORATION PRODUCTION LLC Telephone: 9187461379 OTC/OCC Number: 23413 0

EAGLE EXPLORATION PRODUCTION LLC  
6100 S YALE AVE STE 700  
TULSA, OK 74136-1935

KENNETH E. & CHARLCIE M. ROYSTER  
309 CHISHOLM TRAIL  
YUKON OK 73099

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9450	6	
2	WOODFORD	9660	7	
3			8	
4			9	
5			10	

Spacing Orders: 646026 Location Exception Orders: 659081 Increased Density Orders: 660058  
481269 659518

Pending CD Numbers:

Special Orders:

Total Depth: 14410 Ground Elevation: 1352 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 340

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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: 15-30821  
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 36 Twp 12N Rge 7W County CANADIAN

Spot Location of End Point: S2 SE SE SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2310

Depth of Deviation: 9210

Radius of Turn: 318

Direction: 177

Total Length: 4700

Measured Total Depth: 14410

True Vertical Depth: 9710

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

Notes:

Category

Description

COMPLETION INTERVAL

2/13/2017 - G60 - WILL BE AT A LEGAL LOCATION FOR THE WOODFORD PER OPERATOR

DEEP SURFACE CASING

2/6/2017 - 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

2/6/2017 - 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 [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) 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

INCREASED DENSITY - 660058

2/13/2017 - G60 - 36-12N-7W  
X481269 MSSP  
1 WELL  
EAGLE EXPLORATION PRODUCTION, LLC.  
1/20/17

LOCATION EXCEPTION - 659081

2/13/2017 - G60 - (I.O.) 36-12N-7W  
X481269 MSSP  
COMPL. INT. 165' FNL, NCT 165' FSL, NCT 330' FWL  
EAGLE EXPLORATION, LLC  
12/20/16

MEMO

2/6/2017 - 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.

017 24864 ROYSTER 1207 36-1HW

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.

Category	Description
SPACING - 481269	2/13/2017 - G60 - (640) 36-12N-7W EXT 174162 MSSP, OTHER EXT OTHERS
SPACING - 646026	2/13/2017 - G60 - (640)(HOR) 36-12N-7W EST WDFD POE TO BHL NLT 165' FNL/FSL, NLT 330' FEL/FWL

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.

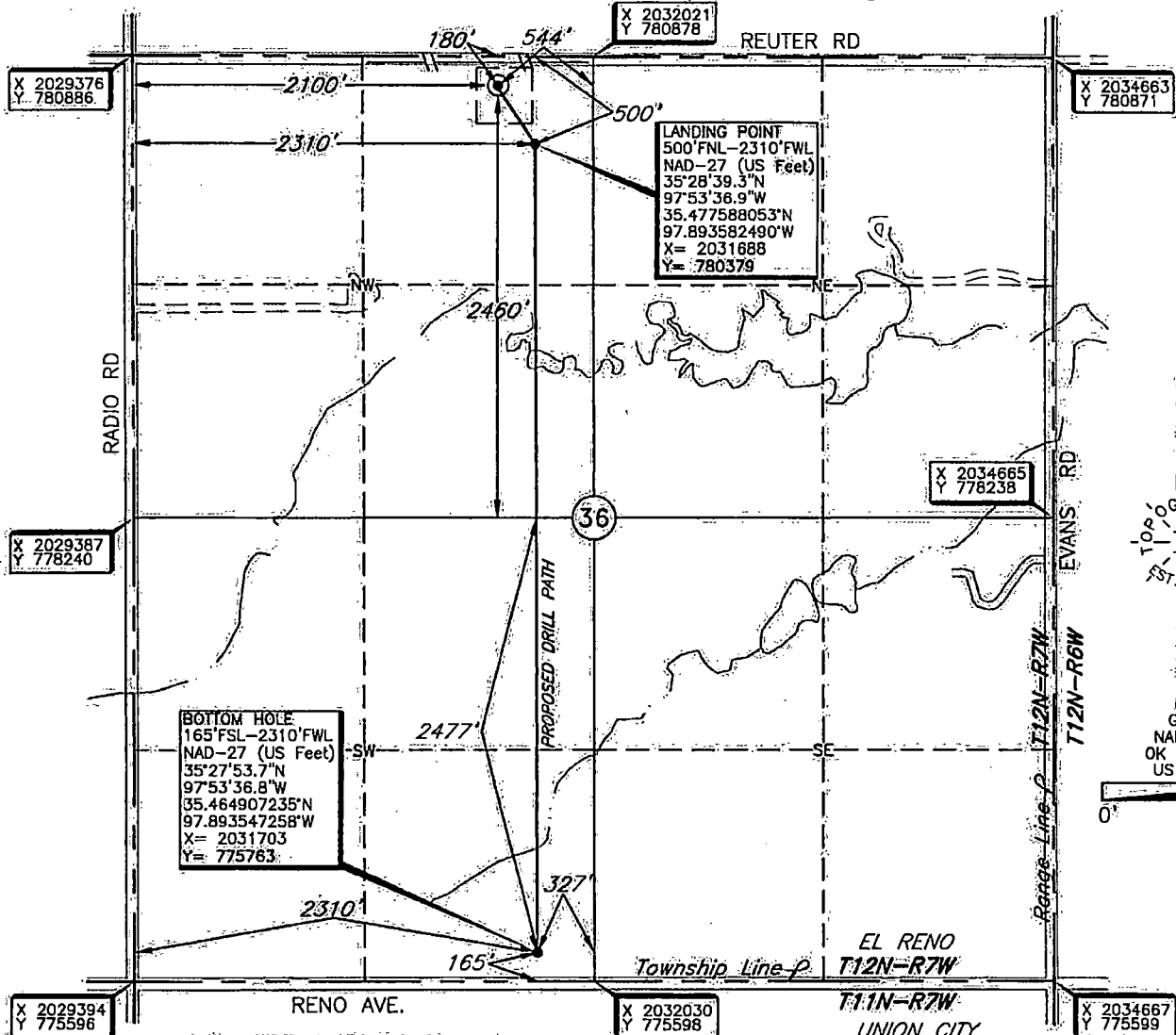
**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219  
 Certificate of Authorization No. 1293, LS

CANADIAN

County, Oklahoma

180'FNL - 2100'FWL Section 36 Township 12N Range 7W I.M.



**NOTE:**  
 BOTTOM HOLE, LANDING POINT, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Operator: EAGLE ENERGY EXPLORATION, LLC

Lease Name: ROYSTER 1207

Well No.: 36-1HW

**ELEVATION:**

1353' Gr. at level pad

Topography & Vegetation Location fell on existing level pad.

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 Jct. I-40 and Banner Road, East of El Reno, OK, go ±1.5 mi. South on Banner Road, then ±3.0 mi. West to the NW Cor. of Sec. 36-T12N-R7W

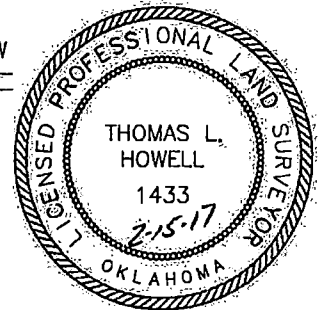
DATUM: NAD-27  
 LAT: 35°28'42.5"N  
 LONG: 97°53'39.4"W  
 LAT: 35.478469641°N  
 LONG: 97.894290194°W  
 STATE PLANE COORDINATES: (US Feet)  
 ZONE: OK SOUTH  
 X: 2031477  
 Y: 780699

Date of Drawing: Feb. 15, 2017  
 Invoice # 269669 Date Staked: Feb. 15, 2017 JGW

**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



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