

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

API NUMBER: 119 24268

Approval Date: 09/09/2014
Expiration Date: 03/09/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 18N Rge: 1E County: PAYNE
SPOT LOCATION: NE NW NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 260 1840

Lease Name: MCGUIRE 17-18N-1E Well No: 2MH Well will be 260 feet from nearest unit or lease boundary.
Operator Name: AMERICAN ENERGY-WOODFORD LLC Telephone: 4056085574; 4054188 OTC/OCC Number: 23358 0

AMERICAN ENERGY-WOODFORD LLC
PO BOX 18756
OKLAHOMA CITY, OK 73154-0756

WILLIAM MCGUIRE, JR. & DORENE MCGUIRE
11565 HIGHWAY 7 EAST
CENTERVILLE TX 75833

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

| Name | Depth | Name | Depth |
|------|---------------|------|-------|
| 1 | MISSISSIPPIAN | 4882 | 6 |
| 2 | | | 7 |
| 3 | | | 8 |
| 4 | | | 9 |
| 5 | | | 10 |

Spacing Orders: 600411

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201406006
201406005

Special Orders:

Total Depth: 11500

Ground Elevation: 1082

Surface Casing: 630

Depth to base of Treatable Water-Bearing FM: 380

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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: 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 BED AQUIFER

Pit Location Formation: WELLINGTON

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-28026
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 17 Twp 18N Rge 1E County PAYNE

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 750

Depth of Deviation: 4172

Radius of Turn: 1413

Direction: 360

Total Length: 4400

Measured Total Depth: 11500

True Vertical Depth: 5005

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

Notes:

| Category | Description |
|------------------------|--|
| PENDING CD - 201406005 | 9/9/2014 - G72 - 17-18N-1E X 600411 MSSP 1 WELL NO OPER NAMED, REC 9/8/2014 (M.PORTER) |
| PENDING CD - 201406006 | 9/9/2014 - G72 - 17-18N-1E X600411 MSSP COMP. INT. NCT 165 FNL, NCT 165 FSL, NCT 330 FWL NO OP. NAMED REC 9/8/2014 (M.PORTER) |
| SPACING - 600411 | 9/9/2014 - G72 - (640 HOR) 17-18N-1E DEL 209633 MSSP, OTHER EST MSSP, OTHERS POE TO BHL NCT 660' FB (SUPERCEDE EXISTING NON-DEVELOPED NON-HORIZONTAL SPACING UNITS) |

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

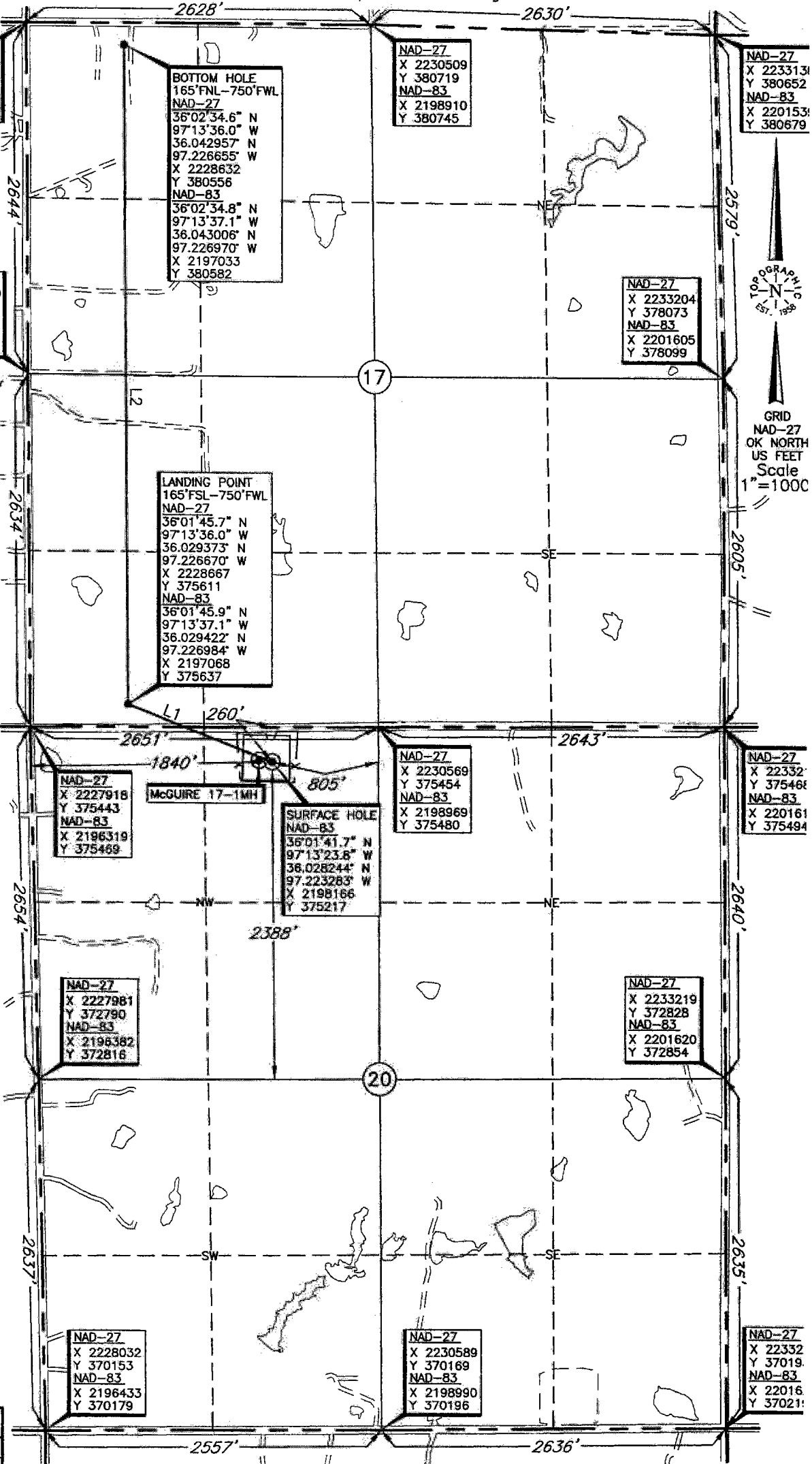
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293.

119-24268

PAYNE

County, Oklahoma

260° FNL - 1840° FWL Section 20 Township 18N Range 1E I.M.



THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.

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



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

Operator AMERICAN ENERGY - WOODFORD, LLC
 Lease Name McGUIRE 17-18N-1E
 Topography & Vegetation Loc. fell on existing pad, 101' SE of McGuire 17-18N

Well No. 2MH
1082' Gr. on existing pad

Good Drill Site? Yes
 Best Accessibility to Location From North off county road
 Distance & Direction From the junction of I-35 & St. Hwy 51, go ± 6.5 miles East on St. Hwy 51, then ± 5 miles South to the Northwest Corner of Section 20, T18N-R1E.

Reference Stakes or Alternate Location Stakes Set None

| PROPOSED DRILL PATH | |
|---------------------|----------|
| LINE | DISTANCE |
| L1 | 1175' |
| L2 | 4945' |

DATUM NAD-27
 LAT 36°01'41.5" N
 LONG 97°13'22.7" W
 LAT 36.028195° N
 LONG 97.222969° W
 STATE PLANE COORDINATES (US FEET)
 ZONE OK NORTH
 X 2229765
 Y 375191

Revision A Date of Drawing Aug. 19, 2014
 Invoice # 228424 Date Staked Aug. 7, 2014 NMB

CERTIFICATE

I, Thomas L. Howell a 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

