

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

API NUMBER: 119 24332

Approval Date: 02/11/2015

Expiration Date: 08/11/2015

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 35 Twp: 19N Rge: 1W

County: PAYNE

SPOT LOCATION:

SE

SE

SE

SW

FEET FROM QUARTER: FROM

SOUTH

FROM

WEST

SECTION LINES:

271

2355

Lease Name: BLACK-WHITMAN 2-18N-1W

Well No: 1WH

Well will be 271 feet from nearest unit or lease boundary.

Operator Name: AMERICAN ENERGY-WOODFORD LLC

Telephone: 4056085540; 4054188

OTC/OCC Number: 23358 0

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

KIRK WHITMAN
13901 N. MIDWEST BLVD
EDMOND OK 73013

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

Name	Depth	Name	Depth
1 WOODFORD	5086	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 604649

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201500242

Special Orders:

Total Depth: 10500

Ground Elevation: 1032

Surface Casing: 730

Depth to base of Treatable Water-Bearing FM: 480

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: 15-29453

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 02 Twp 18N Rge 1W County PAYNE

Spot Location of End Point: SW SE SE SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2065

Depth of Deviation: 4525

Radius of Turn: 600

Direction: 185

Total Length: 5032

Measured Total Depth: 10500

True Vertical Depth: 5125

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

Notes:

Category

Description

PENDING CD - 201500242

2/11/2015 - G76 - (I.O.) 2-18N-1W
X604649 WDFD, OTHERS
COMPL. INT. NCT 165 FNL, NCT 165 FSL, NCT 1320 FWL
AMERICAN ENERGY - WOODFORD, L.L.C.
REC. 2/10/2015 (M. PORTER)

SPACING - 604649

2/2/2015 - G76 - (640/160) 2-18N-1W
VAC OTHERS
(640)(HOR) EXT 603006 WDFD, OTHERS
(160) EST OTHERS
(160) EXT OTHERS
POE TO BHL NCT 330' FB
(SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH
PRODUCING NON-HORIZONTAL SPACING UNITS)

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Office of the Conservation Division as to when Surface Casing will be run.

119 24332 BLACK-WHITMAN 2-18N-1W 1WH

API-119-24332

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.

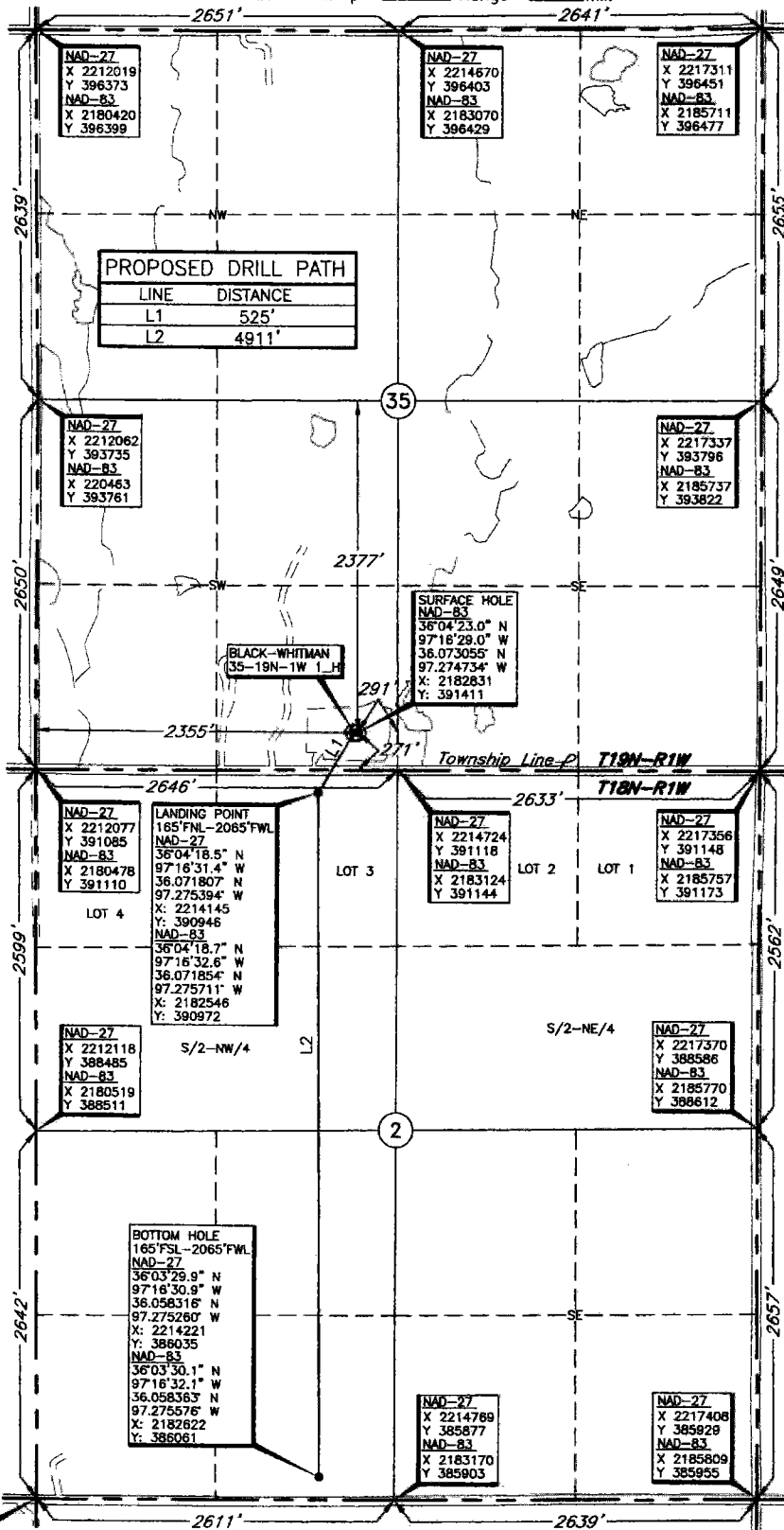
PAYNE

County, Oklahoma

271' FSL-2355' FWL Section 35 Township 19N Range 1W I.M.



THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY. LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.



Operator: AMERICAN ENERGY - WOODFORD, LLC
 Lease Name: BLACK-WHITMAN 2-18N-1W
 Topography & Vegetation: Loc. fell on existing pod, ±31' NE of NW-SE flow line
 Good Drill Site? Yes
 Reference Stakes or Alternate Location: Stakes Set None
 Best Accessibility to Location: From South off county road
 Distance & Direction: From Jct. I-35 and St. Hwy 51, go ± 3.5 miles East on St. Hwy 51, then ± 3 miles South to the Southwest Corner of Section 35, T19N-R1W.
 Well No.: 1MH
 ELEVATION: 1032' Gr. on existing pod

DATUM: NAD-27
 LAT: 36°04'22.8"N
 LONG: 97°16'27.9"W
 LAT: 36°07'30.09"N
 LONG: 97°27'44.18"W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 2214430
 Y: 391385

Date of Drawing: Jan. 06, 2015
 Invoice # 236516A Date Staked: Dec. 31, 2014

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

NMB

