

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 A

Approval Date: 02/11/2015
Expiration Date: 08/11/2015

Horizontal Hole Oil & Gas

Amend reason: CHANGE SURFACE LOCATION

AMEND PERMIT TO DRILL

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

County: PAYNE

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 246 2363

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

Well No: 1WH

Well will be 246 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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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.

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

API # 119-24332A

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.

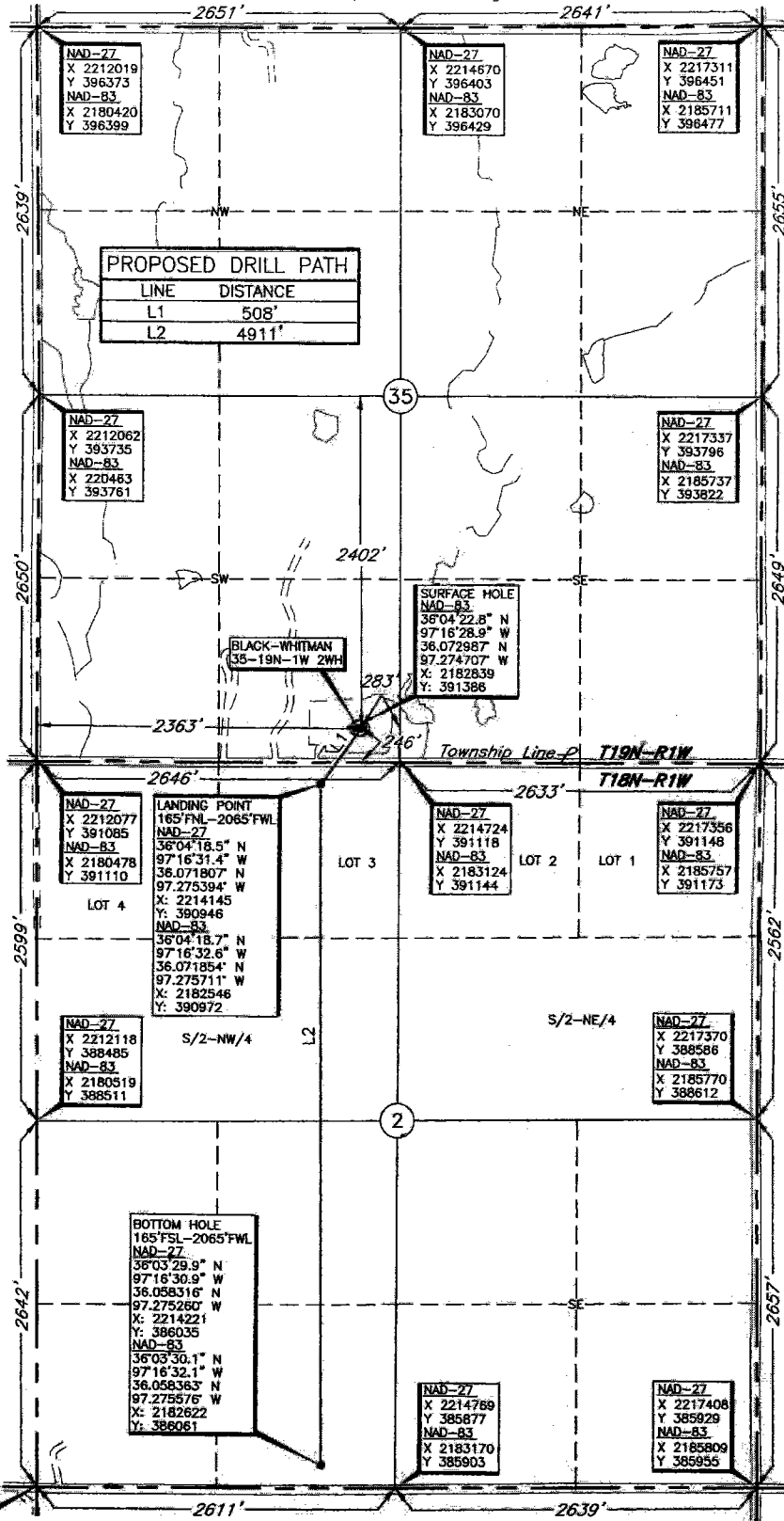
PAYNE

County, Oklahoma

246' FSL-2363' FWL Section 35 Township 19N Range 1W I.M.



THE INFORMATION SHOWN HEREON 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 pad

Good Drill Site? Yes
Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From South off county road
Distance & Direction
from Hwy Jct or Town 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.: 1WH
ELEVATION: 1032' Gr. on existing pad

DATUM: NAD-27
LAT: 36°04'22.6"N
LONG: 97°16'27.8"W
LAT: 36.072940° N
LONG: 97.274390° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2214439
Y: 391361

Date of Drawing: Feb. 19, 2015
Invoice # 240541A Date Staked: Feb. 17, 2015

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

