

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

API NUMBER: 119 24219

Approval Date: 05/01/2014
Expiration Date: 11/01/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 18N Rge: 3E

County: PAYNE

SPOT LOCATION: SW SE SE SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 245 340

Lease Name: WHEELER 14 18N 3E

Well No: 3WH

Well will be 245 feet from nearest unit or lease boundary.

Operator Name: AMERICAN ENERGY-WOODFORD LLC

Telephone: 4054188001; 4054188

OTC/OCC Number: 23358 0

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

MAUREEN WHEELER REVOCABLE TRUST
910 E. 11TH
CUSHING OK 74023

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

Name	Depth	Name	Depth
1 WOODFORD	4170	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 590419

Location Exception Orders: 624309

Increased Density Orders: 623530

Pending CD Numbers:

Special Orders:

Total Depth: 9100

Ground Elevation: 830

Surface Casing: 120

Depth to base of Treatable Water-Bearing FM: 70

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 14-26894

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 14 Twp 18N Rge 3E County PAYNE

Spot Location of End Point: S2 S2 SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 3602

Radius of Turn: 577

Direction: 182

Total Length: 4592

Measured Total Depth: 9100

True Vertical Depth: 4200

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

Notes:

Category	Description
INCREASED DENSITY - 623530	5/1/2014 - G75 - 14-18N-3E X590419 WDFD 1 WELL AMERICAN ENERGY-WOODFORD, LLC 4-3-2014
LOCATION EXCEPTION - 624309	5/1/2014 - G75 - (I.O.) 14-18N-3E X590419 WDFD COMPL. INT. NCT 165 FNL, NCT 165 FSL, NCT 660 FEL AMERICAN ENERGY-WOODFORD, LLC 4-22-2014
SPACING - 590419	5/1/2014 - G75 - (640)(HOR) 14-18N-3E EST WDFD POE TO BHL NCT 330' FB (SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)

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