

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

API NUMBER: 119 24276

Approval Date: 09/19/2014
Expiration Date: 03/19/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 18N Rge: 2E County: PAYNE
SPOT LOCATION: NW NE NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 265 2217

Lease Name: JUDGE SOUTH 28-18N-2E Well No: 1MH Well will be 265 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

KEN AND LESLIANNA JUDGE
4104 WEST 104TH ST
PERKINS OK 74059

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	4611	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201406255
201406257

Special Orders:

Total Depth: 10500 Ground Elevation: 963 Surface Casing: 420 Depth to base of Treatable Water-Bearing FM: 170

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 BED AQUIFER

Pit Location Formation: WELLINGTON

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-27936
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 28 Twp 18N Rge 2E County PAYNE

Spot Location of End Point: NW NE NE NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1990

Depth of Deviation: 4111

Radius of Turn: 678

Direction: 360

Total Length: 4700

Measured Total Depth: 10500

True Vertical Depth: 4625

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

Notes:

Category

Description

PENDING CD - 201406255

9/11/2014 - G72 - (640 HORZ) 28-18N-02E
VAC 115813 MISS (N2 & E2 SE);
VAC 192713 MISS (SW & W2 SE);
VAC 192713 HNTN, VIOL;
EXT 588364 MSSP, WDFD;
EXT 618255 MSRH, SLVN, VIOL;
REC 9/16/2014 (P PORTER)

PENDING CD - 201406258

9/11/2014 - G72 - 28-18N-02E (I.O.)
X 201406255 MSSP, WDFD, MSRH, SLVN, VIOL;
COMP INT. NCT 165 FNL NCT 165 FSL NCT 330 FWL;
COMP INT. (VIOL ONLY) NCT 330 FNL NCT 330 FSL NCT 330 FWL;
NO OPER NAMED;
REC 9/16/2014 (P PORTER)

API NUMBER: **119-24276**

Approval Date:
 Expiration Date:

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 18N Rge: 2E County: PAYNE
 SPOT LOCATION: NW NE SE SW
 SECTION LINES: 265 221

Application for Intent to Drill

Lease Name: **JUDGE SOUTH 28-18N-2E** Well No: **1MH** Well will be **265** feet from nearest unit or lease boundary.

Operator Name: **AMERICAN ENERGY-WOODFORD LLC** Telephone: **4056085574; 4054188** DTIC/OCC Number: **23358 0**

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

KEN WAYNE JUDGE AND LESLIANNA G. JUDGE
 4104 WEST 104TH ST
 PERKINS OK 74059

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	4611	6	
2		7	
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4		9	
5		10	

Spacing Orders: _____ Location Exception Orders: _____ Increased Density Orders: _____
 Pending CD Numbers: **201406255 (SP) Hearing 9/16/2014**
201406257 (LE) Hearings 9/16/2014 Special Orders: _____
 Total Depth: 10500 Ground Elevation: 963 Surface Casing: 420 Depth to base of Treatable Water-Bearing FM: 170

*Pit 1
 Waterbased closed*

*chlorides max 5000
 AVG 3000*

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes
 Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-27936

H. closed system = steel pits per Operator Request.

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 Depth of Deviation: 4111
 Radius of Turn: 678
 Direction: 360
 Total Length: 4700
 Measured Total Depth: 10500
 True Vertical Depth: 4625
 End Point Location from Lease,
 Unit, or Property Line: *165*

**TEMPORARY AUTHORIZATION
 TO DRILL**
 Expiration Date: *9-19-2014*
 Signature: *[Signature]*
 165:10-3-1-1

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