

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

API NUMBER: 119 24304

Approval Date: 11/06/2014
Expiration Date: 05/06/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 19N Rge: 3E County: PAYNE
SPOT LOCATION: NW NW NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 299 1033

Lease Name: LINSNMEYER 29-20-19N-3E Well No: 2WH Well will be 299 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

RANDY WEDEL & MARY WEDEL
901 SOUTH MAIN STREET
STILLWATER OK 74074

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

Name	Depth	Name	Depth
1 WOODFORD	4250	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 613483
612294

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201407636
201407635
201407637

Special Orders:

Total Depth: 14000 Ground Elevation: 847 **Surface Casing: 520** Depth to base of Treatable Water-Bearing FM: 270

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: 14-28402
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 20 Twp 19N Rge 3E County PAYNE

Spot Location of End Point: NE NW NW NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 2025

Depth of Deviation: 3600

Radius of Turn: 87

Direction: 355

Total Length: 10263

Measured Total Depth: 14000

True Vertical Depth: 4250

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

Notes:

Category	Description
PENDING CD - 201407635	11/6/2014 - G91 - (I.O.)(640) 20 & 29-19N-3E EST MULTIUNIT HORIZONTAL WELL X 613483 WDFD, OTHERS 20-19N-3E X 612294 WDFD, OTHERS 29-19N-3E (MSSP, MSRH ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD) 50% 20-19N-3E 50% 29-19N-3E AMERICAN ENERGY - WOODFORD, LLC. REC. 11-4-2014 (P. PORTER)
PENDING CD - 201407636	11/6/2014 - G91 - 20 & 29-19N-3E X 613483 WDFD 20-19N-3E X 612294 WDFD 29-19N-3E 1 WELL AMERICAN ENERGY - WODDFORD, LLC. REC. 11-4-2014 (P. PORTER)
PENDING CD - 201407637	11/6/2014 - G91 - (I.O.) 20 & 29-19N-3E X 613483 WDFD, OTHERS 20-19N-3E X 612294 WDFD, OTHERS 29-19N-3E COMPL. INT. (29-19N-3E) NCT 165 FSL, NCT 0 FNL, NCT 990 FEL COMPL. INT. (20-19N-3E) NCT 0 FSL, NCT 165 FNL, NCT 990 FEL AMERICAN ENERGY - WODDFORD, LLC. REC. 11-4-2014 (P. PORTER)
SPACING - 612294	11/6/2014 - G91 - (640)(HOR) 29-19N-3E VAC 271505 WDFD, OTHERS EST WDFD, OTHERS POE TO BHL NCT 330' FB (SUPERCEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)
SPACING - 613483	11/6/2014 - G91 - (640)(HOR) 20-19N-3E VAC 271049 WDFD, OTHERS VAC 271050 WDFD, OTHERS EXT 606865 WDFD, OTHERS EST OTHER POE TO BHL NCT 330' FB (SUPERCEDE 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

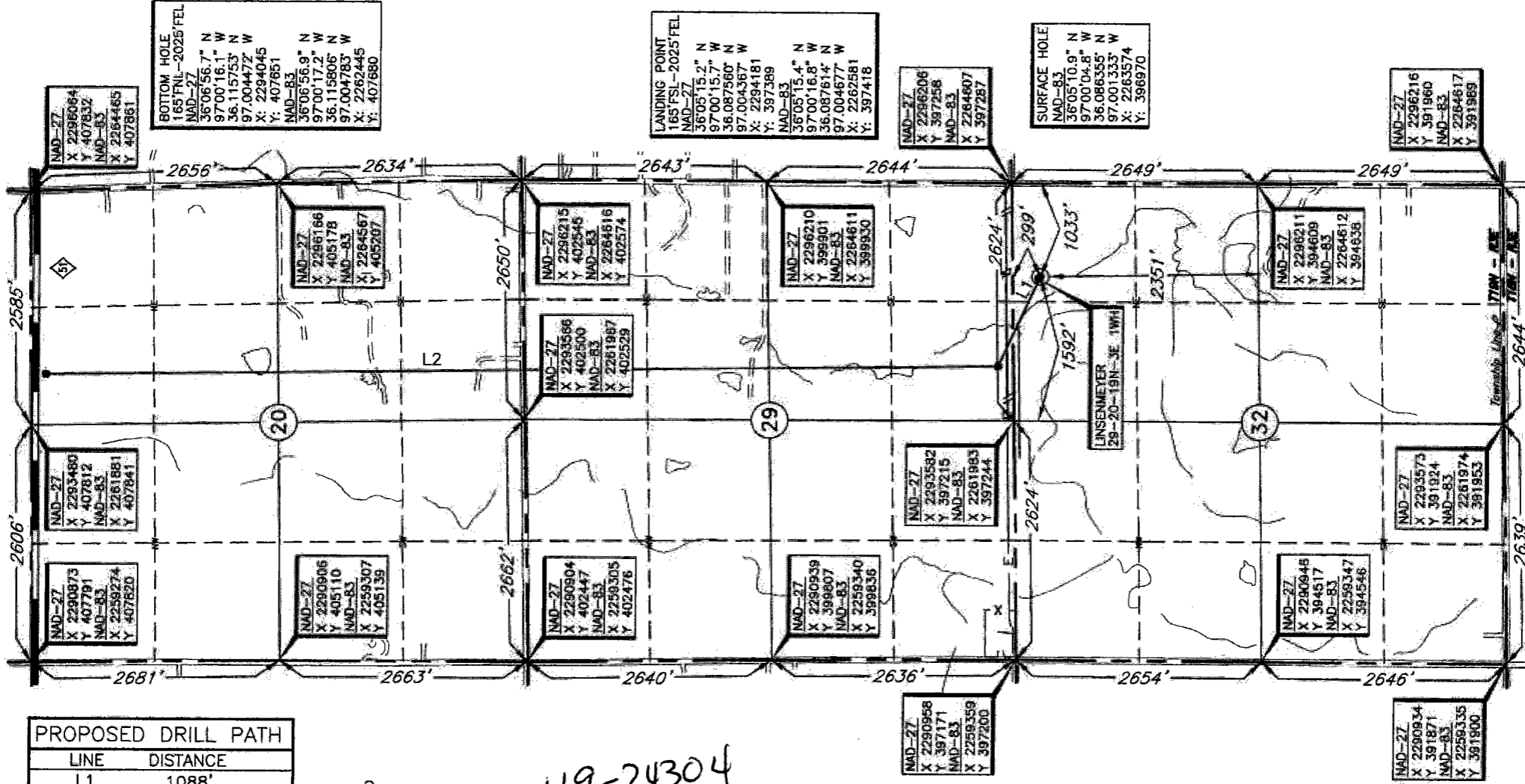
PAYNE County, Oklahoma
 299° FNL - 1033' FEL Section 32 Township 19N Range 3E I.M.



PROPOSED DRILL PATH	
LINE	DISTANCE
L1	1088'
L2	10263'

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

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



119-24304

Operator: AMERICAN ENERGY - WOODFORD, LLC

Lease Name: LINSENMAYER 29-20-19N-3E

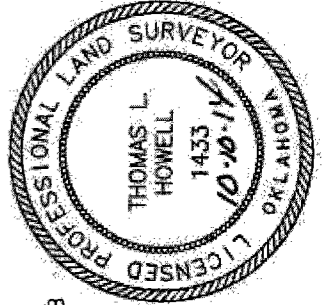
Well No.: 2WH

ELEVATION:
 847' Gr. at Stake

Topography & Vegetation Loc. fell in wheat field, ± 80' Southwest of fence

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

Best Accessibility to Location From East off county road
 Distance & Direction From Hwy Jct or Town From the junction of St. Hwy 51 & US Hwy 177, East of Stillwater, Oklahoma, go ± 3 miles East on St. Hwy 51, then ± 2 miles South to the Northeast Corner of Section 32, T19N-R3E



Invoice # 230831A Date Staked: Oct. 8, 2014 NMB
 Date of Drawing: Oct. 9, 2014

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

DATUM: NAD-27
 LAT: 36°05'10.7" N
 LONG: 97°00'03.7" W
 LAT: 36.086301° N
 LONG: 97.001023° W
 STATE PLANE
 COORDINATES (US FEET):
 ZONE: OK NORTH
 X: 2295174
 Y: 396942

This information was gathered with a GPS receiver with ± 1 foot Horiz./Vert. accuracy.