

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

API NUMBER: 081 24275

Approval Date: 08/19/2016
Expiration Date: 02/19/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 16N Rge: 3E

County: LINCOLN

SPOT LOCATION: NE SE SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 496 1270

Lease Name: SLOAN 24-16N-3E

Well No: 2MH

Well will be 496 feet from nearest unit or lease boundary.

Operator Name: WHITE STAR PETROLEUM LLC

Telephone: 8444024903

OTC/OCC Number: 23358 0

WHITE STAR PETROLEUM LLC
PO BOX 13360
OKLAHOMA CITY, OK 73113-1360

JERRY SLOAN AND JUDITH COLLINS
PO BOX 205
TRYON OK 74875

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	4432	6
2			7
3			8
4			9
5			10

Spacing Orders: 653521

Location Exception Orders: 653824

Increased Density Orders: 654972

Pending CD Numbers:

Special Orders:

Total Depth: 10000

Ground Elevation: 987

Surface Casing: 750

Depth to base of Treatable Water-Bearing FM: 430

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: OSCAR

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

PERMIT NO: 16-31508

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 24 Twp 16N Rge 3E County LINCOLN

Spot Location of End Point: SE SW SE SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1875

Depth of Deviation: 3897

Radius of Turn: 725

Direction: 175

Total Length: 4964

Measured Total Depth: 10000

True Vertical Depth: 4497

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

Notes:

Category	Description
HYDRAULIC FRACTURING	8/19/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.
INCREASED DENSITY - 654972	8/19/2016 - G60 - (I.O.) 24-16N-3E X653521 MSSP 3 WELLS WHITE STAR PETROLEUM, LLC. 8-4-16
LOCATION EXCEPTION - 653824	8/19/2016 - G60 - (I.O) 24-16N-3E X653521 MSSP COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 660' FWL WHITE STAR PETROLEUM, LLC./WHITE STAR OPERATING, LLC. 6-28-16
SPACING - 653521	8/19/2016 - G60 - (640)(HOR) 24-16N-3E VAC 142862 HNTN N2 VAC 221882 MSSLM, HNTN EXT 648997 MSSP, WDFD, MSRH POE TO BHL (MSSP & MSRH) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL AND FWL
SURFACE CASING	8/19/2016 - G71 - MIN. 500' PER ORDERS 70129/70186/77556

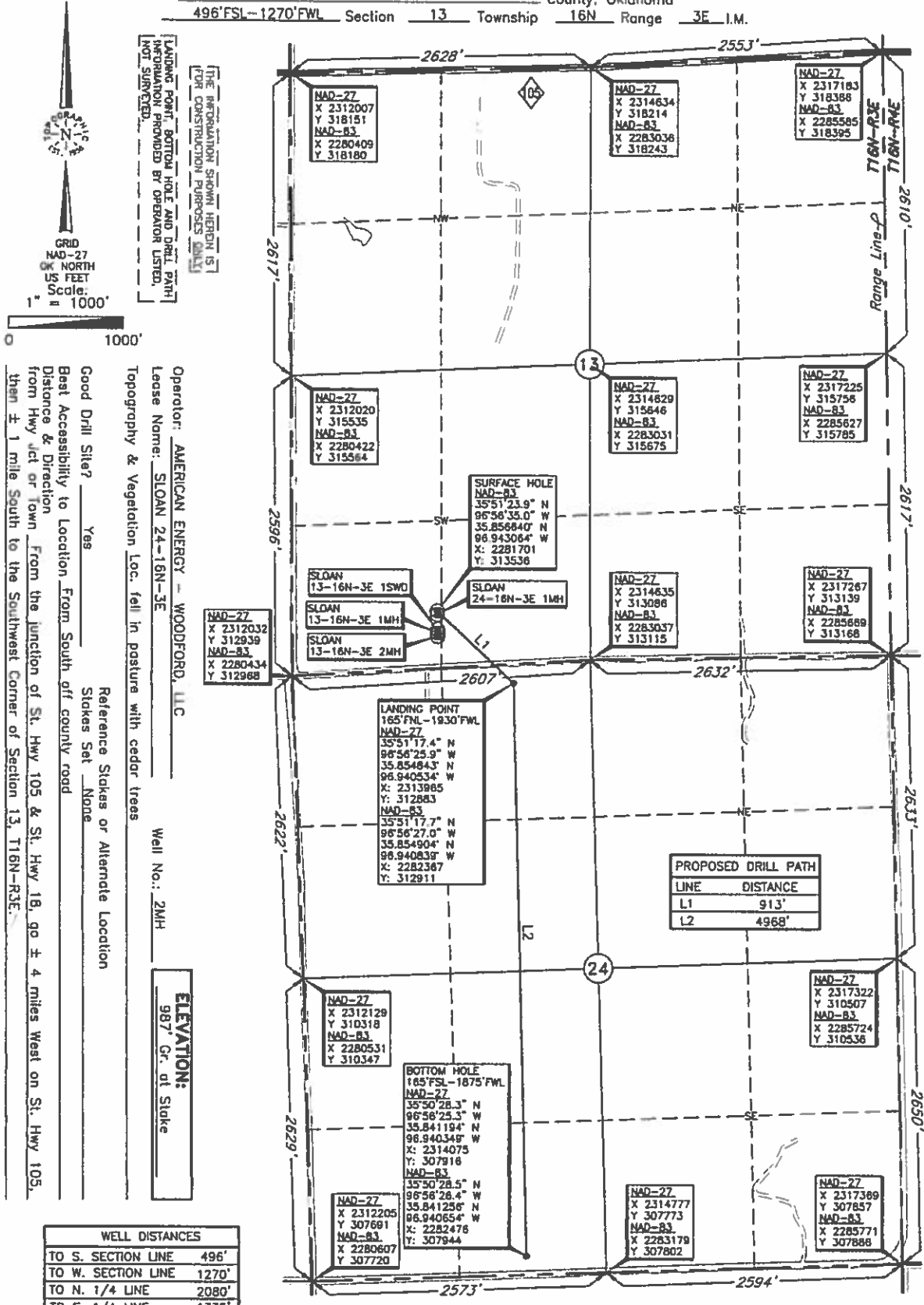
API: 3508124275

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
 6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73118 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293 LS

LINCOLN

County, Oklahoma

496' FSL - 1270' FWL Section 13 Township 16N Range 3E 1.M.



GRID
 NAD-27
 X NORTH
 US FEET
 Scale:
 1" = 1000'

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

Operator: AMERICAN ENERGY - WOODFORD, LLC
 Lease Name: SLOAN 24-16N-3E
 Topography & Vegetation Loc. tall in pasture with cedar trees
 Good Drill Site? Yes
 Best Accessibility to Location From South of county road
 Distance & Direction From the junction of St. Hwy 105 & St. Hwy 18, go ± 4 miles West on St. Hwy 105, then ± 1 mile South to the Southwest Corner of Section 13, T16N-R3E.
 Reference Stakes or Alternate Location
 Stakes Set None
 Well No.: 2MH
 ELEVATION: 987' Cr. at Stake

WELL DISTANCES	
TO S. SECTION LINE	496'
TO W. SECTION LINE	1270'
TO N. 1/4 LINE	2080'
TO E. 1/4 LINE	1335'

DATUM: NAD-27
 LAT: 35°51'23.7" N
 LONG: 96°56'33.9" W
 LAT: 35.856579° N
 LONG: 96.942759° W
 STATE PLANE COORDINATES (US FEET):
 ZONE: OK NORTH
 X: 2313299
 Y: 313508

Date of Drawing: April 8, 2016
 Invoice # 259044A Date Staked: April 6, 2016 NMB

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

