

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

API NUMBER: 081 24274

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: 466 1270

Lease Name: SLOAN 24-16N-03E

Well No: 1MH

Well will be 466 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	4439	6	
2	WOODFORD	4607	7	
3	MISENER-HUNTON	4667	8	
4			9	
5			10	

Spacing Orders: 653521

Location Exception Orders: 654936

Increased Density Orders: 654972

Pending CD Numbers:

Special Orders:

Total Depth: 9500

Ground Elevation: 982

**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: 16-31507

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 SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 540

Depth of Deviation: 3704

Radius of Turn: 800

Direction: 187

Total Length: 4539

Measured Total Depth: 9500

True Vertical Depth: 4667

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 <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> 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 - 654936	8/19/2016 - G60 - (I.O.) 24-16N-3E X653521 MSSP, WDFD, MSRH COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL WHITE STAR PETROLEUM, LLC 8-3-16
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: 3508124274

**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 LS

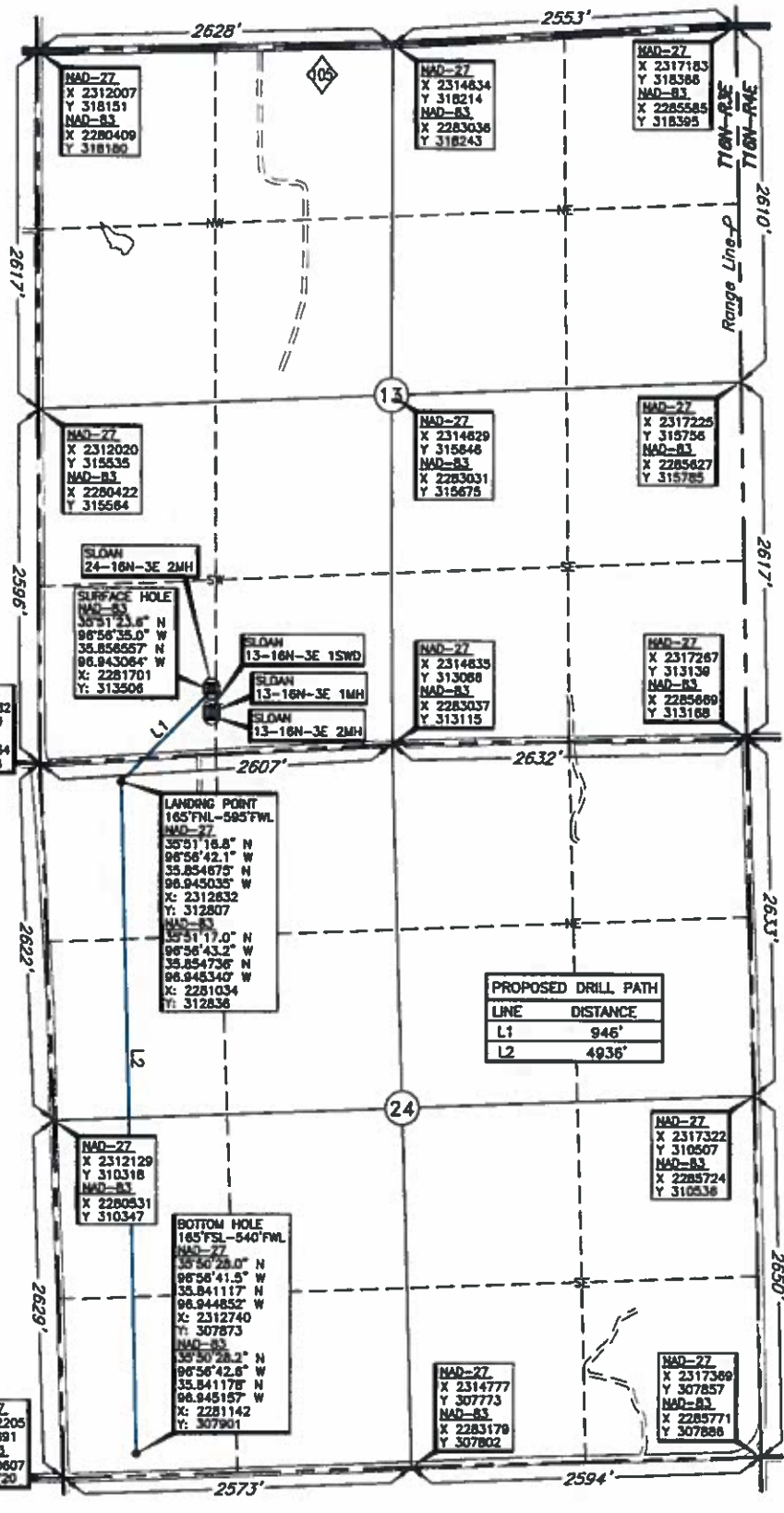
LINCOLN

County, Oklahoma

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



LANDING POINT BOTTOM HOLE AND DRILL PATH FOR CONSTRUCTION PURPOSES ONLY. THE INFORMATION SHOWN HEREON IS FOR CONSTRUCTION PURPOSES ONLY.



Operator: AMERICAN ENERGY - WOODFORD, LLC  
 Lease Name: SLOAN 24-16N-3E  
 Topography & Vegetation Loc: fall on existing pad  
 Well No.: 1MH  
 ELEVATION: 982' Gr. on existing pad

Good Drill Siter? Yes  
 Beat Accessibility to Location From South off 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 DISTANCES	
TO S. SECTION LINE	466'
TO W. SECTION LINE	1270'
TO N. 1/4 LINE	2110'
TO E. 1/4 LINE	1335'

DATUM: NAD-27  
 LAT: 35°51'23.4" N  
 LONG: 96°56'33.9" W  
 LAT: 35.856496° N  
 LONG: 96.942759° W  
 STATE PLANE COORDINATES (US FEET):  
 ZONE: OK NORTH  
 X: 2313300  
 Y: 313478

Date of Drawing: April 8, 2016  
 Invoice # 259044 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

