

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

API NUMBER: 083 24447

Approval Date: 02/12/2019

Expiration Date: 08/12/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 18N Rge: 2W

County: LOGAN

SPOT LOCATION: ☐ SE ☐ NE ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 490 186

Lease Name: SOULSHINE 18-18N-2W

Well No: 1MH

Well will be 186 feet from nearest unit or lease boundary.

Operator Name: WHITE STAR PETROLEUM LLC

Telephone: 4052525821; 8444024

OTC/OCC Number: 23358 0

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

THOMAS L EVANS
1322 NORTH OAK
GUTHRIE OK 73044

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5494	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 606735

Location Exception Orders: 691253

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11000

Ground Elevation: 1073

Surface Casing: 660

Depth to base of Treatable Water-Bearing FM: 410

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: GARBER

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

PERMIT NO: 19-36102

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 18 Twp 18N Rge 2W County LOGAN

Spot Location of End Point: SW SW SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1280

Depth of Deviation: 5400

Radius of Turn: 968

Direction: 185

Total Length: 4080

Measured Total Depth: 11000

True Vertical Depth: 5665

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

Notes:

Category

Description

HYDRAULIC FRACTURING

1/11/2019 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

LOCATION EXCEPTION - 691253

2/12/2019 - G58 - 18-18N-2W
X606735 MSSP
COMPL. INT. NCT 660' FNL, NCT 165' FSL, NCT 660' FEL
WHITE STAR PETROLEUM, LLC
2/12/2019

SPACING - 606735

2/12/2019 - G58 - (640)(HOR) 18-18N-2W
EXT 602588 MSSP, OTHERS
POE TO BHL NLT 660' FB
(COEXIST SP. ORDER 127161 MISS)



GPS DATUM
NAD-83
NAD-27
OK NORTH ZONE
US FEET
SCALE:
1" = 1250'

PETRO LAND SERVICES SOUTH, LLC

10400 VINEYARD BLVD. SUITE C & D, OKLA. CITY, OKLA. 73120 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318



WHITE STAR
PETROLEUM

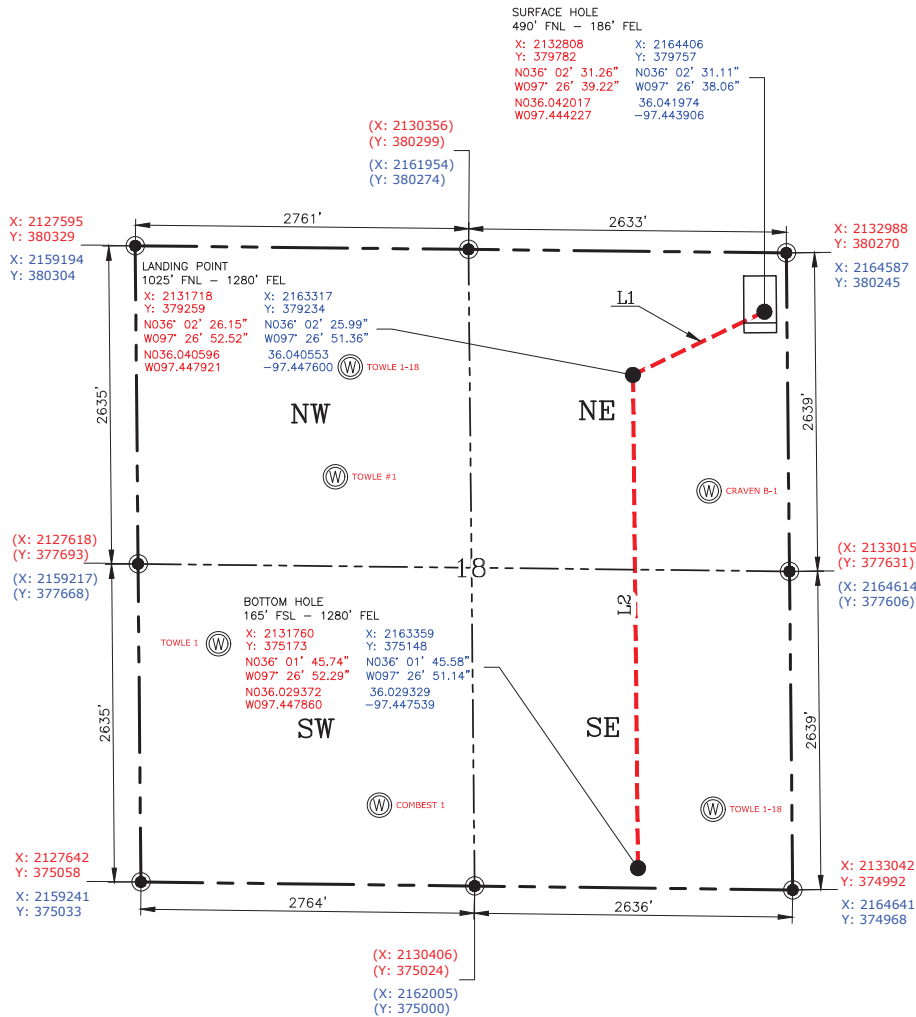
LOGAN

County Oklahoma

490' FNL-186' FEL Section 18 Township 18N Range 2W

(OPERATOR)

083-24447



Operator: WHITE STAR PETROLEUM, LLC
Lease Name: SOULSHINE 18-18N-2W Well No.: 1MH
Topography & Vegetation: Pasture
Good Drill Site? Yes
Reference Stakes or Alternate Location Stakes Set: Yes
Best Accessibility to Location: E-670 Road. North side of pad.
Distance & Direction from Hwy. or Town: From Mulhall, OK, head south on SH-77 for 0.35 miles. Turn right & head west on E660 Road for 1.53 miles. Turn left and head south on Bow Rd. for 1.0 miles. Turn right and head west on E670 Rd. for 0.54 miles to the existing access road on the south side of E670 Rd.

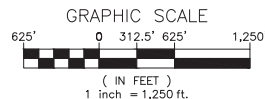
REVISIONS	
APP'D	DATE
RJB	12-10-18

WELL DISTANCES

TO S 1/4 SECTION LINE: 2149'
TO W 1/4 SECTION LINE: 2447'
TO E SECTION LINE: 186'
TO N SECTION LINE: 490'

DRILL PATH

L1: 1208'
L2: 4086'
ELEVATION GRADE
@ STAKE: 1073.39'



CERTIFICATE: I, RANDALL J. BILYEU an Oklahoma Licensed Land Surveyor and an authorized agent of Petro Land Services South, LLC, do hereby certify to the information shown herein.

WELL NO: 1MH

DATUM: NAD-27

LAT: 36°02'31.11"

LONG: -97°26'38.06"

LAT: 36.041974°

LONG: -97.443906°

STATE PLANE COORDINATES
(US FEET): OK NORTH

X: 2164406

Y: 379757

(This Information Was Gathered
With a GPS Receiver With ±1
Foot Horiz./Vert. Accuracy)

CERTIFICATE:



Randall J. Bilyeu

Oklahoma PLS No.1196 DATE

LEGEND

SECTION LINE
1/4 SEC. LINE
DRILL PATH
DOE 1-1N-1W 1MH
TD: 7000'

NOTE:
This exhibit represents a proposed well location and does not represent a true boundary survey. The footages and ties shown are from lines of occupation, and/or ± 1' GPS accuracy, not from actual property corners.

OK CA #7318



SHEET 1 OF 6