

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

API NUMBER: 083 24446

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: 460 185

Lease Name: SOULSHINE 17-18N-2W

Well No: 1MH

Well will be 185 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	5492	6
2			7
3			8
4			9
5			10

Spacing Orders: 608947

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201810429
201810428

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: 19-36101
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 17 Twp 18N Rge 2W County LOGAN

Spot Location of End Point: S2 S2 SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 4963

Radius of Turn: 797

Direction: 176

Total Length: 4185

Measured Total Depth: 11000

True Vertical Depth: 5663

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

PENDING CD - 201810428

2/12/2019 - G58 - 17-18N-2W
X608947 MSSP
1 WELL
NO OP. NAMED
REC 1/8/2019 (NORRIS)

PENDING CD - 201810429

2/12/2019 - G58 - (I.O.) 17-18N-2W
X608947 MSSP
COMPL. INT. NCT 660' FNL, NCT 165' FSL, NCT 330' FWL
NO OP. NAMED
REC 1/8/2019 (NORRIS)

SPACING - 608947

2/12/2019 - G58 - (640) (HOR) 17-18N-2W
EXT 600397 MSSP, OTHERS
(SUPERSEDE SP. ORDER 55784 MSSLM; SP ORDER 184837 MSSLM)



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



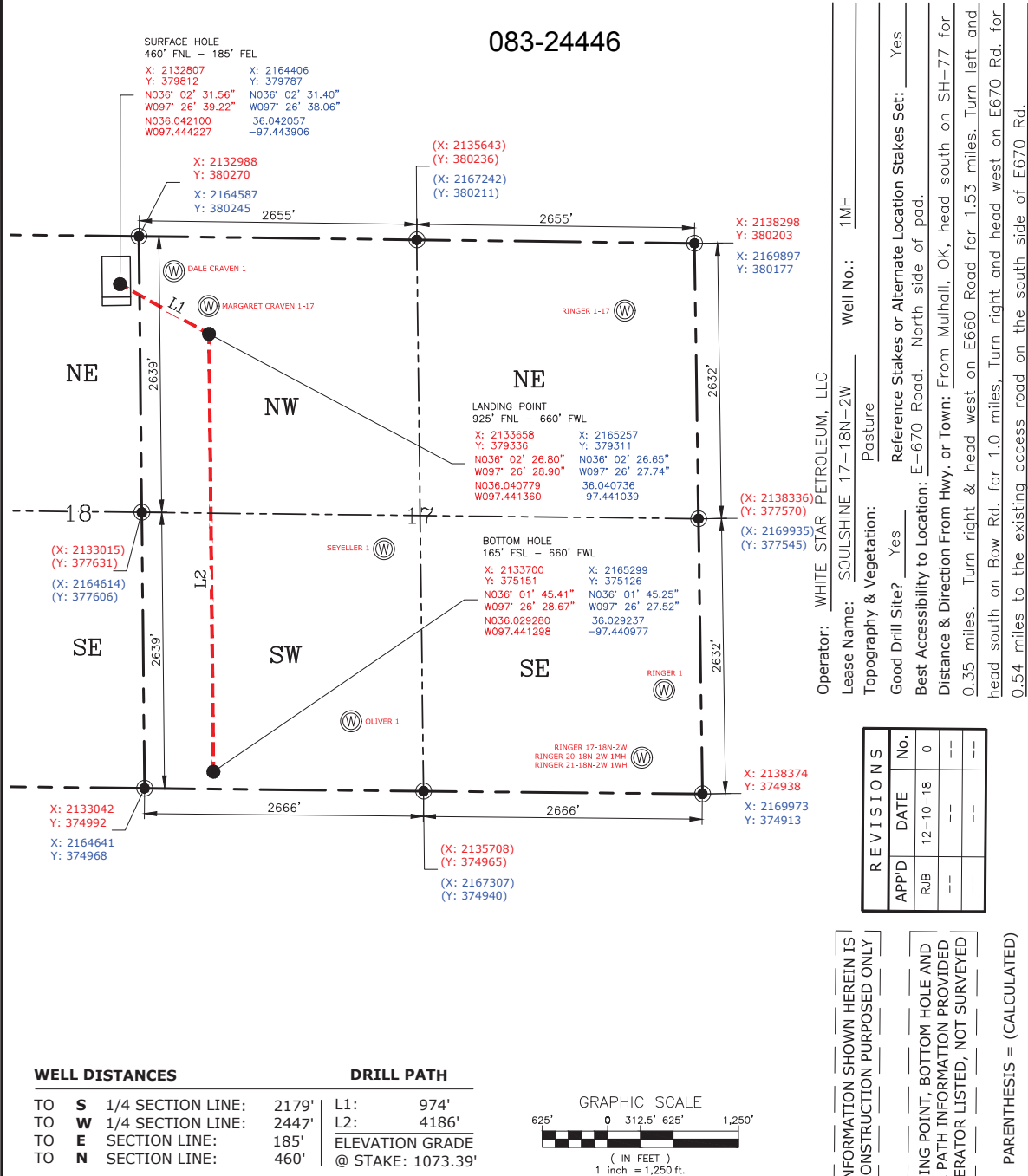
WHITE STAR
PETROLEUM

LOGAN

County Oklahoma

460' FNL-185' FEL Section 18 Township 18N Range 2W

(OPERATOR)



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°02'31.40"
LONG: -97°26'38.06"
LAT: 36.042057
LONG: -97.443906
STATE PLANE COORDINATES
(US FEET): OK NORTH
X: 2164406
Y: 379787

(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
EXISTING WELLS WITHIN
1500 FT (OCC DATA)

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

PLS

SHEET 1 OF 6