

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

API NUMBER: 047 25136

Approval Date: 04/05/2018
Expiration Date: 10/05/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 20N Rge: 3W

County: GARFIELD

SPOT LOCATION: SW SW SE SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 268 1550

Lease Name: GRIFF 18-20N-3W

Well No: 1MH

Well will be 268 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

KANDY ELAINE TROJAN
1218 W. BISON RD
BISON OK 73720

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	5537	6
2			7
3			8
4			9
5			10

Spacing Orders: 620948

Location Exception Orders: 674990

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11000

Ground Elevation: 1100

Surface Casing: 420

Depth to base of Treatable Water-Bearing FM: 170

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: 18-33883

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 20N Rge 3W County GARFIELD

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 520

Depth of Deviation: 5162

Radius of Turn: 573

Direction: 185

Total Length: 4937

Measured Total Depth: 11000

True Vertical Depth: 5610

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

Notes:

Category

Description

HYDRAULIC FRACTURING

3/28/2018 - 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 - 674990

3/30/2018 - G57 - (I.O.) 18-20N-3W
X620948 MSSP
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL
WHITE STAR PETROLEUM, LLC.
3-21-2018

SPACING - 620948

3/30/2018 - G57 - (640)(HOR) 18-20N-3W
EXT 619002 MSSP, OTHERS
POE TO BHL NCT 660' FB

PETRO LAND SERVICES SOUTH, LLC

10404 VINEYARD BLVD. SUITE G100, OKLA. CITY, OKLA. 73120 * OFFICE (405) 212-3108
 Certificate of Authorization No. 7318

GARFIELD County, Oklahoma
 268' FSL - 1550' FWL Section 7 Township 20N Range 3W I.M.

EXHIBIT

OK STATE PLANE GRID
 NORTH
 US FT Scale:
 1"=1000'

OPERATOR: WHITE STAR PETROLEUM, LLC
 LEASE NAME: GRIFF 18-20N-3W
 WELL No.: 1MH
 TOPOGRAPHY & VEGETATION: Location fell in flat open pasture
 GOOD DRILL SITE? YES
 BEST ACCESSIBILITY TO LOCATION: E Osborne Rd on South Side of Pod
 DRIVING DIRECTIONS: FROM INT OF HWYS 74 & E OSBORNE RD (GR E0550), TRAVEL EAST FROM HWY JCT. OR TOWN: ON E OSBORNE RD 1.3 MILES

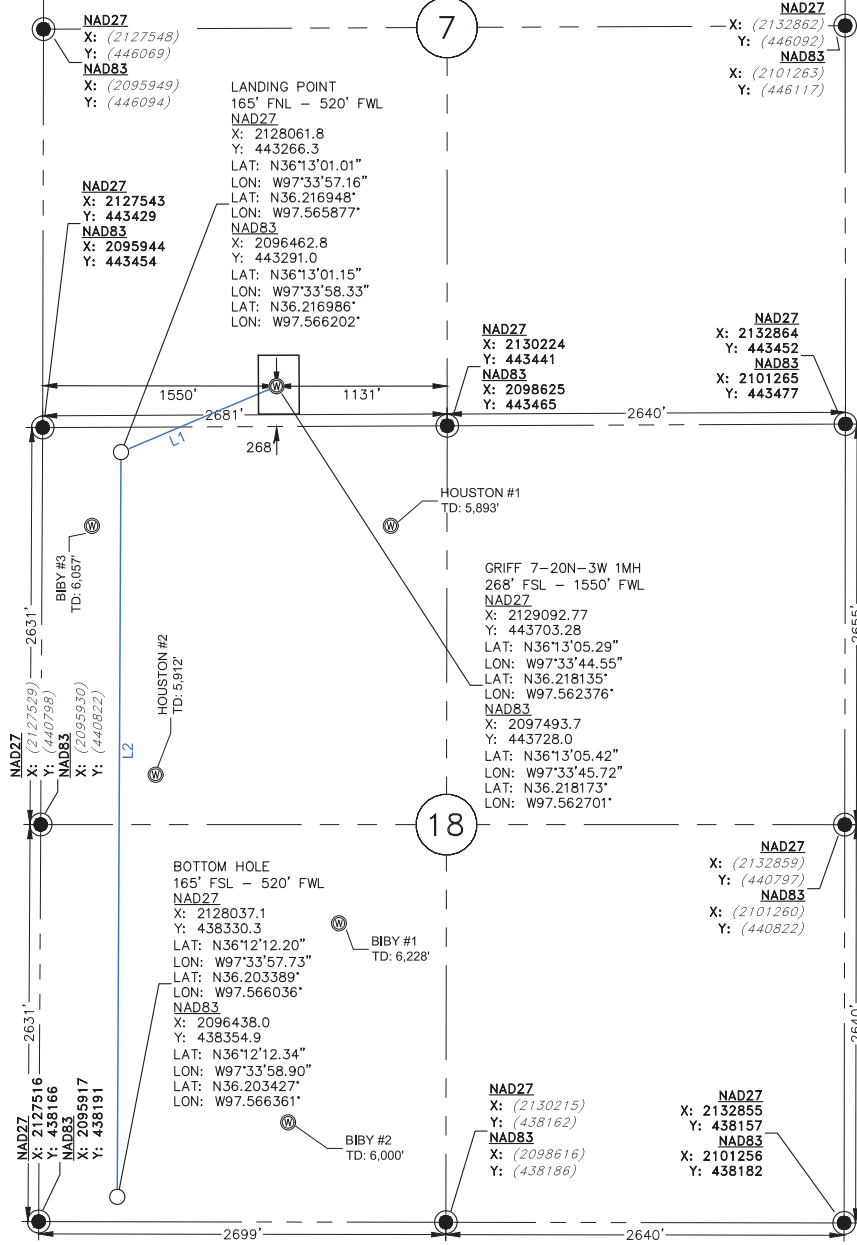
THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY
 LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

REV.	DATE	APP'D.
No. 0	12/22/2017	BW
No. 1	1/25/2018	RB
No. 2	2/01/18	RB

The information shown herein was derived from occupation lines and/or ± 1' GPS Accuracy.

DATUM: NAD27
 LAT: N36°13'05.29"
 LONG: W97°33'44.55"
 LAT: N36.218135°
 LONG: W97.562376°
 STATE PLANE COORDINATES (US SRV FT):
 ZONE: OK NORTH
 X: 2129092.77
 Y: 443703.28

ELEVATION:
 1100.02' GROUND AT STAKE



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.

CERTIFICATE:

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

PREPARED FOR:



SURVEY & MAPPING BY:



PARENTHESIS = (CALCULATED)

PROPOSED DRILL PATH	
LINE:	DIST:
L1:	1120'
L2:	4936'
WELL DISTANCES	
TO S SECTION LINE:	268'
TO W SECTION LINE:	1550'
TO E 1/4 SEC. LINE:	1131'
TO N 1/4 SEC. LINE:	2372'