

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

API NUMBER: 129 24119

Approval Date: 07/12/2018

Expiration Date: 01/12/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 17N Rge: 21W

County: ROGER MILLS

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 166 899

Lease Name: DORIS 23-17N-21W

Well No: 1CH

Well will be 166 feet from nearest unit or lease boundary.

Operator Name: WHITE STAR PETROLEUM II LLC

Telephone: 4052525886

OTC/OCC Number: 23275 0

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

ELDON L. & DIXIE L. FERRELL
7515 N 2030 RD
LEEDEY OK 73654

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

Name	Depth	Name	Depth
1 CLEVELAND	9439	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 208237

Location Exception Orders: 679713

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 14500

Ground Elevation: 2105

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 490

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 8000 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: CLOUD CHIEF

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

PERMIT NO: 18-34617

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 23 Twp 17N Rge 21W County ROGER MILLS

Spot Location of End Point: NE NE NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1170

Depth of Deviation: 8702

Radius of Turn: 545

Direction: 2

Total Length: 4942

Measured Total Depth: 14500

True Vertical Depth: 9452

End Point Location from Lease,

Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

7/12/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

7/12/2018 - 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 - 679713

7/12/2018 - G58 - (I.O.) 23-17N-21W
X208237 CLVD
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 900' FWL
WHITE STAR PETROLEUM II, LLC
6/27/2018

SPACING - 208237

7/12/2018 - G58 - (640) 23-17N-21W
EXT 152739 CLVD, OTHERS

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

County, Oklahoma

166' FSL 899' FWL Section 23 Township 17N Range 21W I.M.

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

EXHIBIT

OPERATOR: White Star Petroleum, LLC
LEASE NAME: DORIS 23-17N-21W
WELL No.: 1CH
TOPOGRAPHY & VEGETATION: Location fell in flat open pasture
GOOD DRILL SITE? YES REFERENCE STAKES OR ALTERNATE
LOCATION STAKE(S) SET: YES
BEST ACCESSIBILITY TO LOCATION: N2010 RD ON WEST SIDE PAD
DRIVING DIRECTIONS FROM INT OF HWY 34 AND E0790 RD, GO WEST 0.7 MILES TO N2040 RD
FROM HWY JCT. OR TOWN: NORTH 1.0 MILES TO E0780 RD, WEST 4.0 MILES TO N2000 RD, NORTH

REV.	DATE	APP'D
No. 0	05/25/2018	RB

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

X:	<u>1501020.2</u>
Y:	340927.4

2104.9' GROUND AT STAKE

PARENTHESIS = (CALCULATED)

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 $\pm 1'$ GPS Accuracy, not from actual property corners.

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.



Randall F. Bilyeu

Oklahoma RPLS No.1196

DATE _____

PREPARED FOR:



SURVEY & MAPPING BY:

