

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

API NUMBER: 047 25172

Approval Date: 09/27/2018

Expiration Date: 03/27/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 21N Rge: 4W

County: GARFIELD

SPOT LOCATION: ☐ SW ☐ SW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 240 1610

Lease Name: WENDY 1-20N-4W

Well No: 2H

Well will be 240 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

COMMISSIONERS OF THE LAND OFFICE
204 N. ROBINSON, SUITE 900
OKLAHOMA CITY OK 73102

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

Name	Depth	Name	Depth
1 OSWEGO	5202	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 672917
672916

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201805491
201805489
201807843

Special Orders:

Total Depth: 11000

Ground Elevation: 1077

Surface Casing: 470

Depth to base of Treatable Water-Bearing FM: 290

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: 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: 18-35302
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 01 Twp 20N Rge 4W County GARFIELD

Spot Location of End Point: SW NW SW SE

Feet From: SOUTH 1/4 Section Line: 725

Feet From: EAST 1/4 Section Line: 2395

Depth of Deviation: 4949

Radius of Turn: 1150

Direction: 170

Total Length: 4244

Measured Total Depth: 11000

True Vertical Depth: 5226

End Point Location from Lease,
Unit, or Property Line: 725

Notes:

Category

Description

HYDRAULIC FRACTURING

9/12/2018 - 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

PENDING CD - 201805489

9/26/2018 - G75 - (I.O.) W2 36-21N-4W & W2 1-20N-4W, E2 36-21N-4W & E2 1-20N-4W
EST MULTIUNIT HORIZONTAL WELL
X672916 OSWG W2 36-21N-4W & W2 1-20N-4W
X672917 OSWG E2 36-21N-4W & E2 1-20N-4W
32.85078% W2 36-21N-4W & W2 1-20N-4W
67.14922% E2 36-21N-4W & E2 1-20N-4W
WHITE STAR PETRO., LLC
REC 8-13-2018 (P. PORTER)

PENDING CD - 201805491

9/26/2018 - G75 - (I.O.) W2 36-21N-4W & W2 1-20N-4W, E2 36-21N-4W & E2 1-20N-4W
X672916 OSWG W2 36-21N-4W & W2 1-20N-4W
X672917 OSWG E2 36-21N-4W & E2 1-20N-4W
COMPL. INT. (W2 1-20N-4W) NCT 330' FNL & NCT 2000' FWL, NCT 2640' FSL & NCT 2640' FWL
COMPL. INT. (E2 1-20N-4W) NCT 330' FNL & NCT 2640' FEL, NCT 330' FSL & NCT 2100' FEL
WHITE STAR PETRO., LLC
REC 8-13-2018 (P. PORTER)

PENDING CD - 201807843

9/27/2018 - G75 - (IRR UNIT) E2 36-21N-4W & E2 1-20N-4W
X672916 OSWG **
1 WELL
NO OP. NAMED
HEARING 10-23-2018

** S/B X672917 OSWG; TO BE CORRECTED AT HEARING PER ATTORNEY FOR OPERATOR

SPACING - 672916

9/26/2018 - G75 - (640)(HOR)(IRR UNIT) W2 36-21N-4W & W2 1-20N-4W
VAC 549642 OSWG W2 36-21N-4W
EST OSWG
POE TO BHL NCT 660' FB
(COEXIST SP. ORDER # 215390 OSWG SW4 & ORDER # 526833 OSWG N2 1-20N-4W)

SPACING - 672917

9/26/2018 - G75 - (640)(HOR)(IRR UNIT) E2 36-21N-4W & E2 1-20N-4W
EST OSWG
POE TO BHL NCT 660' FB
(COEXIST SP. ORDER # 549642 OSWG E2 36-21N-4W; ORDER # 262671/400706 OSWG SE4 & ORDER # 526833 OSWG N2 1-20N-4W)

This permit does not address the right of entry or settlement of surface damages.

047 25172 WENDY 1-20N-4W 2H

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.

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

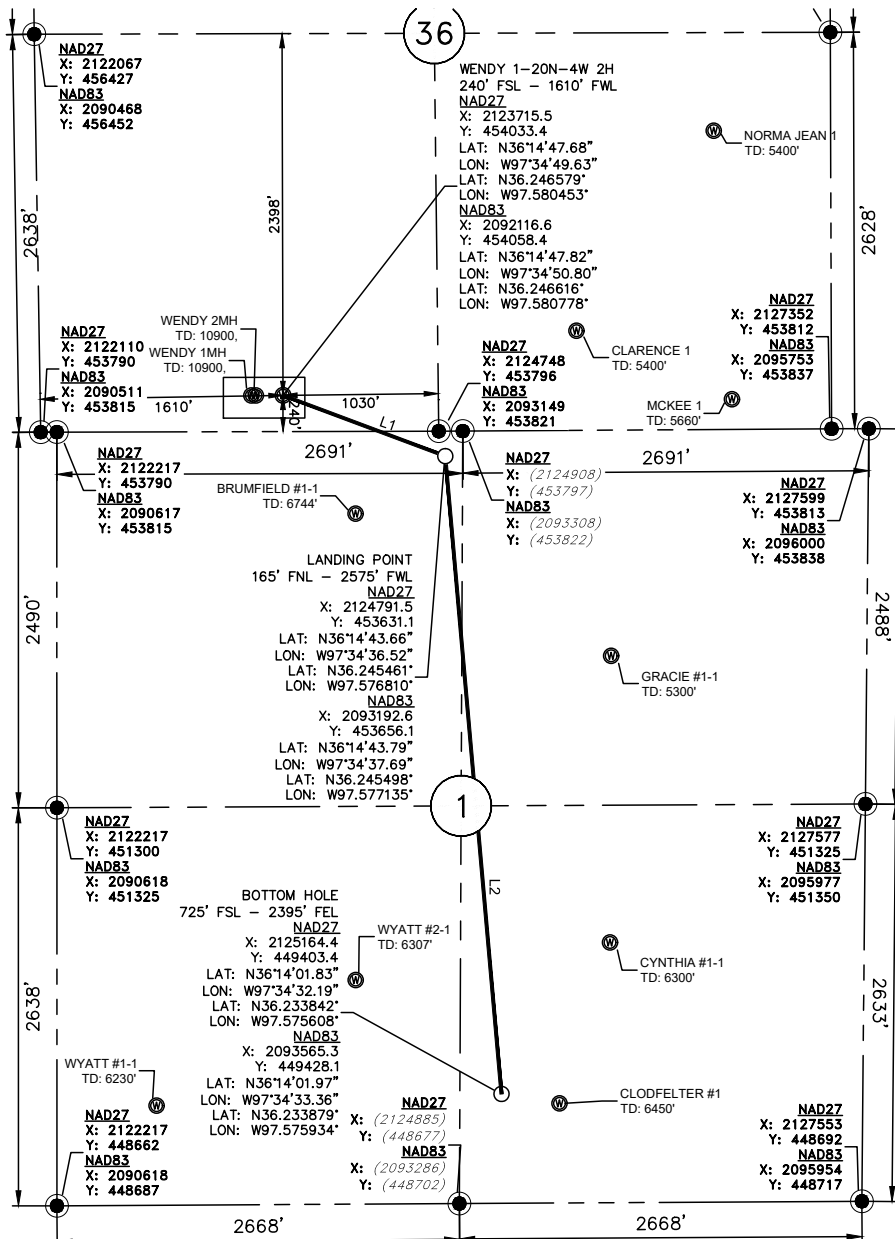
OK STATE
PLANE GRID
NORTH
US FT Scale:
1"=1000'

API

____ GARFIELD _____ County, Oklahoma
240' FSL - 1610' FWL Section ____ 36 ____ Township ____ 21N ____ Range ____ 4W ____ I.M.

API 047-25172

EXHIBIT



LEGEND

- SECTION LINE
1/4 SEC. LINE
DRILL PATH
EXISTING WELL (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 $\pm 1'$ 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.



Randall F. Bilyeu

Oklahoma RPLS No.1196

DATE _____

PREPARED FOR:



WHITE STAR
PETROLEUM

SURVEY & MAPPING BY:



PLS

OPERATOR: WHITE STAR PETROLEUM, LLC
 LEASE NAME: WENDY 1-20N-4W
 WELL No.: 2H
 TOPOGRAPHY & VEGETATION: Location fell in sloped
 GOOD DRILL SITE? YES REFERENCE
 BEST ACCESSIBILITY TO LOCATION: LOCATION ST LOCATION ST
 DRIVING DIRECTIONS FROM INT OF HWYS 74 AND 16
FROM HWY JCT. OR TOWN: FOR 4.0 MILES TO CR EWD0530.

TOPOGRAPHY & VEGETATION: Location fell in sloped cultivated field
 GOOD DRILL SITE? YES REFERENCE STAKES OR ALTERNATE
 LOCATION STAKE(S) SET: NO
 BEST ACCESSIBILITY TO LOCATION: South Section Line Road
 FROM INT. OF HWYS 74 AND 164 IN CONWINGTON, TRAVEL SOUTH ON HWY 74
 DRIVING DIRECTIONS FOR 4.0 MILES TO CR E05050, THEN EAST ON CR E0500 FOR 0.2 MILES
 FROM HWY JCT. OR TOWN: _____

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	APPD
No. 0	8/27/18	RB
No. 1	8/30/18	RB
No. 2	9/11/18	RB
No. 3	9/26/18	RB

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

DATUM: NAD27

LAT: N36°14'47.68"
LONG: W97°34'49.63"
LAT: N36.246579°
LONG: W97.580453°

STATE PLANE
COORDINATES (US SRV FT):
ZONE: OK NORTH
X: 2123715.5
Y: 454033.4

ELEVATION:
1077.1 GROUND AT STAKE

PROPOSED DRILL PATH	
LINE:	DIST:
L1:	1149'
L2:	4244'
WELL DISTANCES	
TO S SECTION LINE:	240'
TO W SECTION LINE:	1610'
TO E 1/4 SEC. LINE:	1030'
TO N 1/4 SEC. LINE:	2398'