

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

API NUMBER: 047 25196

Approval Date: 04/05/2019

Expiration Date: 10/05/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 23N Rge: 4W

County: GARFIELD

SPOT LOCATION: ☐ SW ☐ SW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 208 1482

Lease Name: SAMMY 30-23N-4W

Well No: 1MH

Well will be 208 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

KEVIN JOHNSON  
8726 EAST MARKET AVENUE  
ENID OK 73701

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5736	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901687  
201901688

Special Orders:

Total Depth: 11600

Ground Elevation: 1173

**Surface Casing: 450**

Depth to base of Treatable Water-Bearing FM: 200

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: 8000 Average: 5000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: FAIRMONT

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36399  
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 30 Twp 23N Rge 4W County GARFIELD

Spot Location of End Point: SE SE SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1250

Depth of Deviation: 5424

Radius of Turn: 792

Direction: 183

Total Length: 4931

Measured Total Depth: 11600

True Vertical Depth: 5924

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

Notes:

Category

Description

HYDRAULIC FRACTURING

3/29/2019 - 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](http://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](http://FRACFOCUS.ORG)

PENDING CD - 201901687

4/4/2019 - G58 - (640)(HOR) 30-23N-4W  
EXT 627522 MSSP  
POE TO BHL NLT 660' FB  
(COEXIST SP. ORDER 31226 MISS; SP. ORDER 100902 MSSLM)  
HEARING 4/2/2019

PENDING CD - 201901688

4/4/2019 - G58 - (I.O.) 30-23N-4W  
X201901687 MSSP  
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 990' FWL  
NO OP. NAMED  
HEARING 4/2/2019



GPS DATUM  
NAD-83  
NAD-27  
OK NORTH ZONE  
US FEET  
SCALE:  
1" = 1600'

# PETRO LAND SERVICES SOUTH, LLC

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



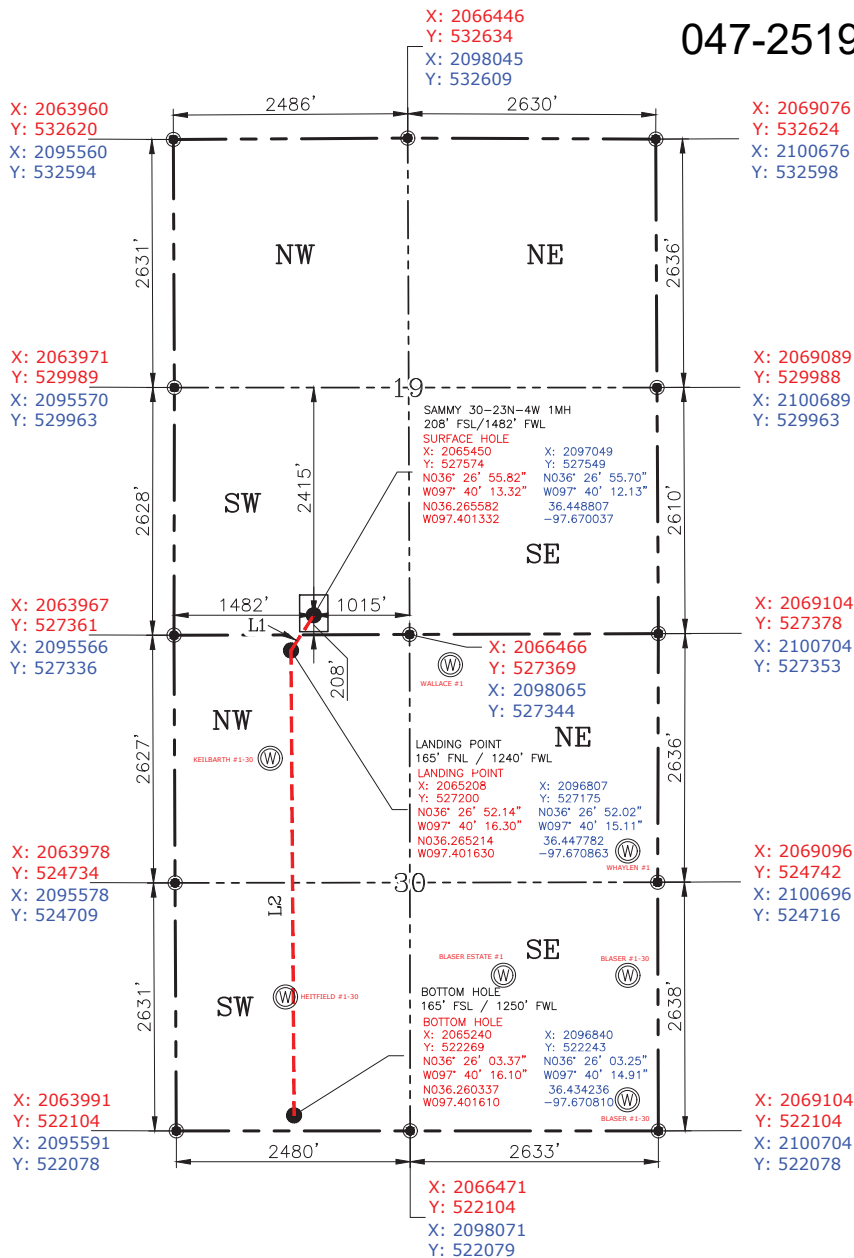
WHITE STAR  
PETROLEUM

GARFIELD

County Oklahoma

208' FSL-1482' FWL Section 19 Township 23N Range 4W

(OPERATOR)



047-25196

Operator: WHITE STAR PETROLEUM, LLC

Lease Name:	SAMMY 30-23N-4W	Well No.:	1MH
Topography & Vegetation:	Pasture	Reference Stakes or Alternate Location Stakes Set:	No
Good Drill Site?	Yes	Best Accessability to Location:	From the South Line
Distance & Direction From Hwy. or Town:	From Breckenridge, OK, head east on Breckenridge Rd. for 3.0 miles, turn left and head north on N-2990 Rd. for 1.0 miles & turn right on E-0390 Rd. Head east for 0.30 miles to the proposed site.		

REVISIONS			
No.	DATE	APP'D	TJW
0	3-19-19	---	---
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THE INFORMATION SHOWN HEREIN IS  
FOR CONSTRUCTION PURPOSES ONLY

LANDING POINT, BOTTOM HOLE AND  
DRILL PATH INFORMATION PROVIDED  
BY OPERATOR LISTED, NOT SURVEYED

PARENTHESES = (CALCULATED)

## WELL DISTANCES

TO S SECTION LINE: 208'  
TO W SECTION LINE: 1482'  
TO E 1/4 SECTION LINE: 1015'  
TO N 1/4 SECTION LINE: 2415'

## DRILL PATH

L1: 445'  
L2: 4931'  
ELEVATION GRADE  
@ STAKE: 1172.81'



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

DATUM: NAD-27

LAT: 36°26'55.70"

LONG: -97°40'12.13"

LAT: 36.448807

LONG: -97.670037

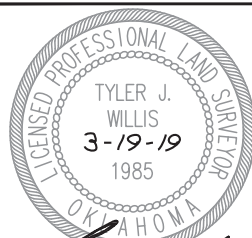
STATE PLANE COORDINATES  
(US FEET): OK NORTH

X: 2097049

Y: 527549

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

## CERTIFICATE:



Oklahoma PLS No.1985 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