

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

API NUMBER: 081 24308

Approval Date: 01/07/2019

Expiration Date: 07/07/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 16N Rge: 3E

County: LINCOLN

SPOT LOCATION: ☐ SW ☐ SW ☐ SE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 235 1156

Lease Name: MARK 10-16N-3E

Well No: 1MH

Well will be 235 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

LINDA S HOLLAND
6000 SAND HILL COURT
NORMAN OK 73026

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	4420	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201810165
201810167

Special Orders:

Total Depth: 9500

Ground Elevation: 965

Surface Casing: 730

Depth to base of Treatable Water-Bearing FM: 480

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: OSCAR

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35938
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 10 Twp 16N Rge 3E County LINCOLN

Spot Location of End Point: SW SW SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1270

Depth of Deviation: 3750

Radius of Turn: 700

Direction: 181

Total Length: 4650

Measured Total Depth: 9500

True Vertical Depth: 4480

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

Notes:

Category

Description

HYDRAULIC FRACTURING

1/7/2019 - 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 - 201810165

1/7/2019 - G56 - (640)(HOR) 10-16N-3E
VAC 172834 MSSP
EXT 685869 MSSP, OTHERS
POE TO BHL NCT 660' FB
REC 12/31/2018 (FOREMAN)

PENDING CD - 201810167

1/7/2019 - G56 - (E.O.) 10-16N-3E
X20180165 MSSP, OTHERS
COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 660' FEL
NO OP NAMED
REC 12/31/2018 (FOREMAN)

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

LINCOLN County Oklahoma
 235' FSL-1156' FEL Section 3 Township 16N Range 3E

WHITE STAR
 PETROLEUM
 (OPERATOR)

Operator: **WHITE STAR PETROLEUM, LLC**
 Lease Name: **MARK 10-16N-3E**
 Topography & Vegetation: **Posture**
 Good Drill Site? **Yes**
 Best Accessibility to Location: **E-0780 Road. South side of pod.**
 Distance & Direction From Hwy. or Town: **From Tryon, OK, head north on Oklahoma Ave for 1.0 mile. Turn left & head west on E780 Road for 0.22 miles to the proposed access on the north side of E780 Road.**

Well No.: **1MH**

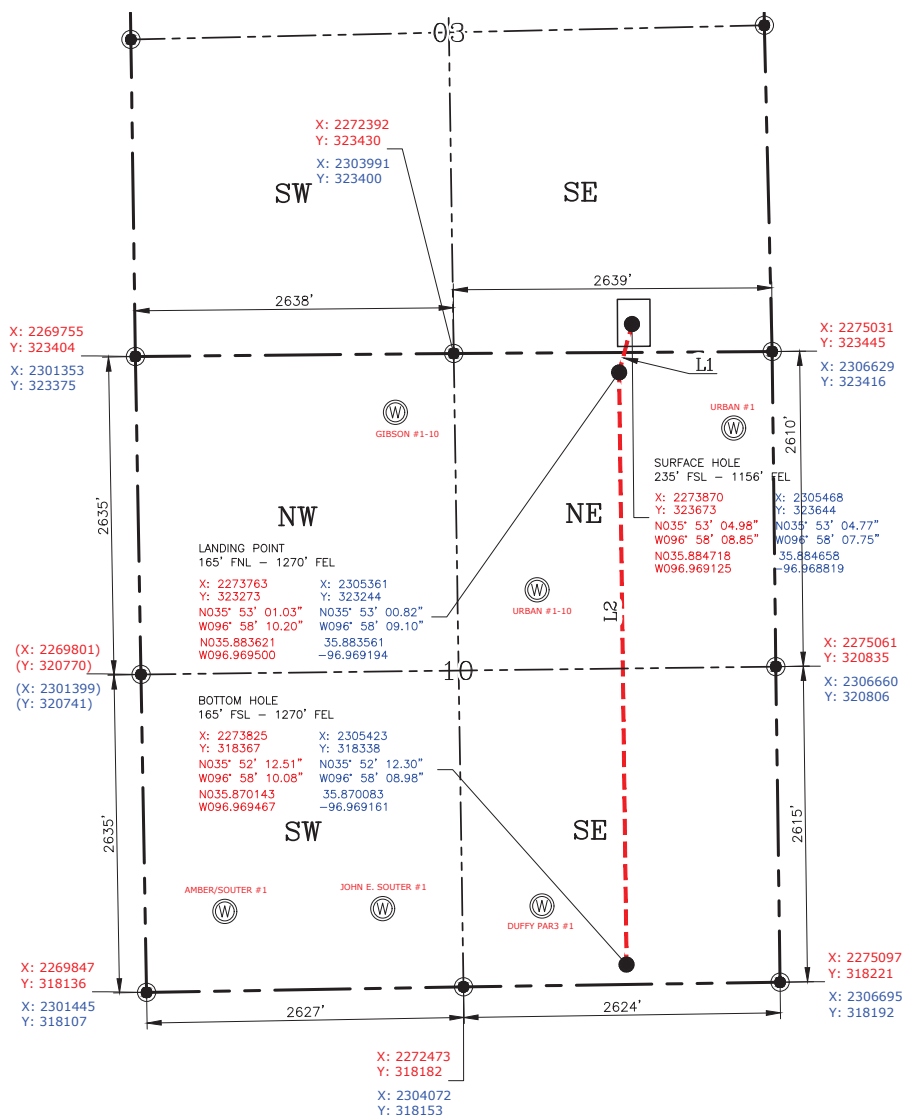
Reference Stakes or Alternate Location Stakes Set: **Yes**

REVISIONS			
No.	DATE	APPD.	
0	11-20-18	RJB	
1	12-20-18	RJB	
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PARENTHESES = (CALCULATED)

THE INFORMATION SHOWN HEREIN IS
 FOR CONSTRUCTION PURPOSES ONLY

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

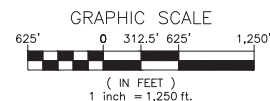


WELL DISTANCES

TO S	SECTION LINE:	235'
TO W	1/4 SECTION LINE:	1481'
TO E	SECTION LINE:	1156'
TO N	1/4 SECTION LINE:	2449'

DRILL PATH

L1:	415'
L2:	4906'
ELEVATION GRADE	
@ STAKE:	965.14'



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.

DATUM: **NAD-27**LAT: **35°53'04.77"**LONG: **96°58'07.75"**LAT: **35.884658°**LONG: **96.968819°**STATE PLANE COORDINATES
(US FEET): **OK NORTH**X: **2305468**Y: **323644**

(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
DOE 1-1N-1W 1MH TD: 7000'	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