

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

API NUMBER: 047 25127

Approval Date: 02/07/2018

Expiration Date: 02/07/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 21N Rge: 8W

County: GARFIELD

SPOT LOCATION: ☐ SE ☐ SE ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 233 1470

Lease Name: LYMAN 1-21N-8W

Well No: 1MH

Well will be 233 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

DAVID J. THAIN
3228 WHIPPOORWILL LN
ENID OK 73703

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	6830	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 671275

Location Exception Orders: 672783

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12000

Ground Elevation: 1172

Surface Casing: 680

Depth to base of Treatable Water-Bearing FM: 430

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-33803
H. CLOSED SYSTEM=STEEL PITS (REQUIRED - TURKEY CREEK)

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 21N Rge 8W County GARFIELD

Spot Location of End Point: N2 N2 NW NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1980

Depth of Deviation: 6181

Radius of Turn: 549

Direction: 355

Total Length: 4957

Measured Total Depth: 12000

True Vertical Depth: 6930

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

Notes:

Category

Description

HYDRAULIC FRACTURING

2/2/2018 - 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 - 672783

2/7/2018 - G58 - (I.O.) 1-21N-8W
X671275 MSSP
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 660' FEL
WHITE STAR PETROLEUM, LLC
1/29/2018

SPACING - 671275

2/7/2018 - G58 - (640)(HOR) 1-21N-8W
VAC 49133 MSSP
EST MSSP
COMPL. INT. NLT 660' FB

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.

047 25127 LYMAN 1-21N-8W 1MH



Permit ex 8/7/18
Surety ex 6/17/19
Operator # 23358

TYLER FIXLEY
REGULATORY SPECIALIST II

July 18, 2018

Oklahoma Corporation Commission
Oil and Gas Conservation Division
Attn: Virginia Hullinger
P.O. Box 52000
Oklahoma City, Oklahoma 73152-2000

RE: White Star Petroleum, LLC
Lyman 1-21N-8W 1MH, API# 3504725127
Approved Permit to Drill, Extension Request
1-21N-8W Garfield County

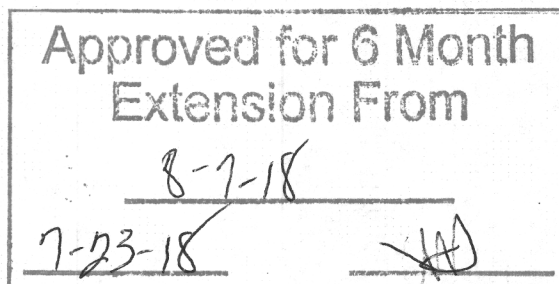
Dear Ms. Virginia Hullinger:

White Star Petroleum, LLC's ("WSTR"), permit to drill API# 3504725127 for the Lyman 1-21N-8W 1MH well, is set to expire on August 8, 2018. WSTR respectfully requests a six-month extension of our Oklahoma Corporation Commission, Oil and Gas Conservation Division permit to drill. All information included on the permit will remain the same and we understand the extension will be granted for only one six-month period.

Sincerely,

White Star Petroleum, LLC

Enclosures



RECEIVED

JUL 18 2018

**OKLAHOMA CORPORATION
COMMISSION**