

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

API NUMBER: 047 25150

Approval Date: 05/29/2018

Expiration Date: 11/29/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 23N Rge: 5W

County: GARFIELD

SPOT LOCATION: ☐ SW ☐ SE ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 160 1865

Lease Name: ALBERT 25-23N-5W

Well No: 1MH

Well will be 160 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

ROY DEAN LOWE
2912 OAKRIDGE RD.
ENID OK 73703

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

Name	Depth	Name	Depth
1 MISSISSIPPI LIME	5819	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 77383

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201802994

Special Orders:

Total Depth: 12000

Ground Elevation: 1171

Surface Casing: 420

Depth to base of Treatable Water-Bearing FM: 170

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 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: 18-34168

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 25 Twp 23N Rge 5W County GARFIELD

Spot Location of End Point: N2 N2 N2 N2

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 2640

Depth of Deviation: 5275

Radius of Turn: 1175

Direction: 350

Total Length: 4939

Measured Total Depth: 12000

True Vertical Depth: 6010

End Point Location from Lease,

Unit, or Property Line: 165

Notes:

Category

Description

HYDRAULIC FRACTURING

4/20/2018 - 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 - 201802994

4/26/2018 - G57 - (I.O.) 25-23N-5W
X77383 MSSLM
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 1980' FEL
NO OP. NAMED
REC 5-7-2018 (FOREMAN)

SPACING - 77383

4/26/2018 - G57 - (640) 25-23N-5W
EXT 69992 MSSLM

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 25150 ALBERT 25-23N-5W 1MH

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

API: 047 25150

GARFIELD

County, Oklahoma

160'FSL-1865'FEL Section 25 Township 23N Range 5W I.M.

PROPOSED
BOTTOM HOLE
165'FSL-2640'FEL
NAD-27
36°26'52.5" N
97°41'02.6" W
36.447914' N
97.684057' W
X: 2092927
Y: 527211
NAD-83
36°26'52.6" N
97°41'03.8" W
36.447948' N
97.684387' W
X: 2061327
Y: 527235

NAD-27
X 2090287
Y 527419
NAD-83
X 2058688
Y 527444

NAD-27
X 2092917
Y 527376
NAD-83
X 2061318
Y 527401

NAD-27
X 2095567
Y 527336
NAD-83
X 2063968
Y 527361

NAD-27
X 2090301
Y 524776
NAD-83
X 2058702
Y 524801

PROPOSED
LANDING POINT
165'FSL-2640'FEL
NAD-27
36°26'03.6" N
97°41'02.5" W
36.434347' N
97.684035' W
X: 2092950
Y: 522272
NAD-83
36°26'03.8" N
97°41'03.7" W
36.434380' N
97.684365' W
X: 2061350
Y: 522296

NAD-27
X 2090315
Y 522132
NAD-83
X 2058716
Y 522157

NAD-27
X 2092944
Y 522107
NAD-83
X 2061345
Y 522132

WELL DISTANCES

TO S. SECTION LINE	160'
TO W. 1/4 LINE	782'
TO N. 1/4 LINE	2474'
TO E. SECTION LINE	1865'

SURFACE HOLE

NAD-83
36°26'03.6" N
97°40'54.2" W
36.434337' N
97.681730' W
X: 2062125
Y: 522283

ALBERT
36-23N-5W 1MH

NAD-27
X 2095578
Y 524709
NAD-83
X 2063979
Y 524734

NAD-27
X 2095591
Y 522078
NAD-83
X 2063992
Y 522103



GRID
NAD-27
OK NORTH
US FEET
Scale:
1" = 1000'

LINE	DISTANCE
L1	775'
L2	4939'

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

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY

Operator: WHITE STAR PETROLEUM

Lease Name: ALBERT 25-23N-5W

Well No.: 1MH

ELEVATION:

1171' Gr. at Stake

Topography & Vegetation Location fell in sloped wheat field

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From South off county road

Distance & Direction

from Hwy Jct or Town From Breckinridge, Oklahoma, go ± 2.6 miles East on Breckinridge Road to the
South Quarter Corner of Section 25, T23N-R5W.

DATUM: NAD-27

LAT: 36°26'03.5" N

LONG: 97°40'53.0" W

LAT: 36.434303° N

LONG: 97.681400° W

STATE PLANE

COORDINATES (US FEET):

ZONE: OK NORTH

X: 2093725

Y: 522258

Date of Drawing: Mar. 15, 2018

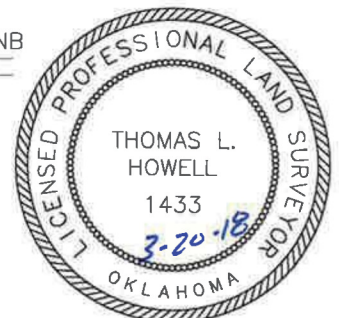
Invoice # 289093 Date Staked: Mar. 15, 2018

NB

CERTIFICATE:

I, Thomas L. Howell an Oklahoma Licensed Land
Surveyor and an authorized agent of Topographic Land
Surveyors of Oklahoma, do hereby certify to the
information shown herein.

Thomas L. Howell
Oklahoma Reg. No. 1433



This information was
gathered with a GPS
receiver
with ±1 foot Horiz./Vert.
accuracy