

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

API NUMBER: 043 23617

Approval Date: 04/25/2018

Expiration Date: 10/25/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 16N Rge: 19W

County: DEWEY

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 235 900

Lease Name: FERRELL 8-16N-19W

Well No: 1CH

Well will be 235 feet from nearest unit or lease boundary.

Operator Name: WHITE STAR PETROLEUM II LLC

Telephone: 4052525886

OTC/OCC Number: 23275 0

WHITE STAR PETROLEUM II LLC  
PO BOX 13360  
OKLAHOMA CITY, OK 73113-1360

MEFFORD FAMILY TRUST  
1623 SHADOW OAKS PLACE  
C/O STEVE & CONNIE MEFFORD  
THOUSAND OAKS CA 91362

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

Name	Depth	Name	Depth
1 CLEVELAND	9486	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 152497

Location Exception Orders: 674558

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 14300

Ground Elevation: 1968

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 370

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 BED AQUIFER

Pit Location Formation: CLOUD CHIEF

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-34304

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 08 Twp 16N Rge 19W County DEWEY

Spot Location of End Point: E2 NE NW NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 1050

Depth of Deviation: 8787

Radius of Turn: 573

Direction: 2

Total Length: 4612

Measured Total Depth: 14300

True Vertical Depth: 9527

End Point Location from Lease,  
Unit, or Property Line: 330

## Notes:

### Category

### Description

DEEP SURFACE CASING

4/18/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

4/18/2018 - 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](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)

LOCATION EXCEPTION - 674558

4/23/2018 - G57 - (I.O.) 8-16N-19W  
X152497 CLVD  
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 1000' FWL  
WHITE STAR PETROLEUM II, LLC.  
3-12-2018

SPACING - 152497

4/23/2018 - G57 - (640) 8-16N-19W  
EXT 66346/142446 CLVD  
EXT OTHERS

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.

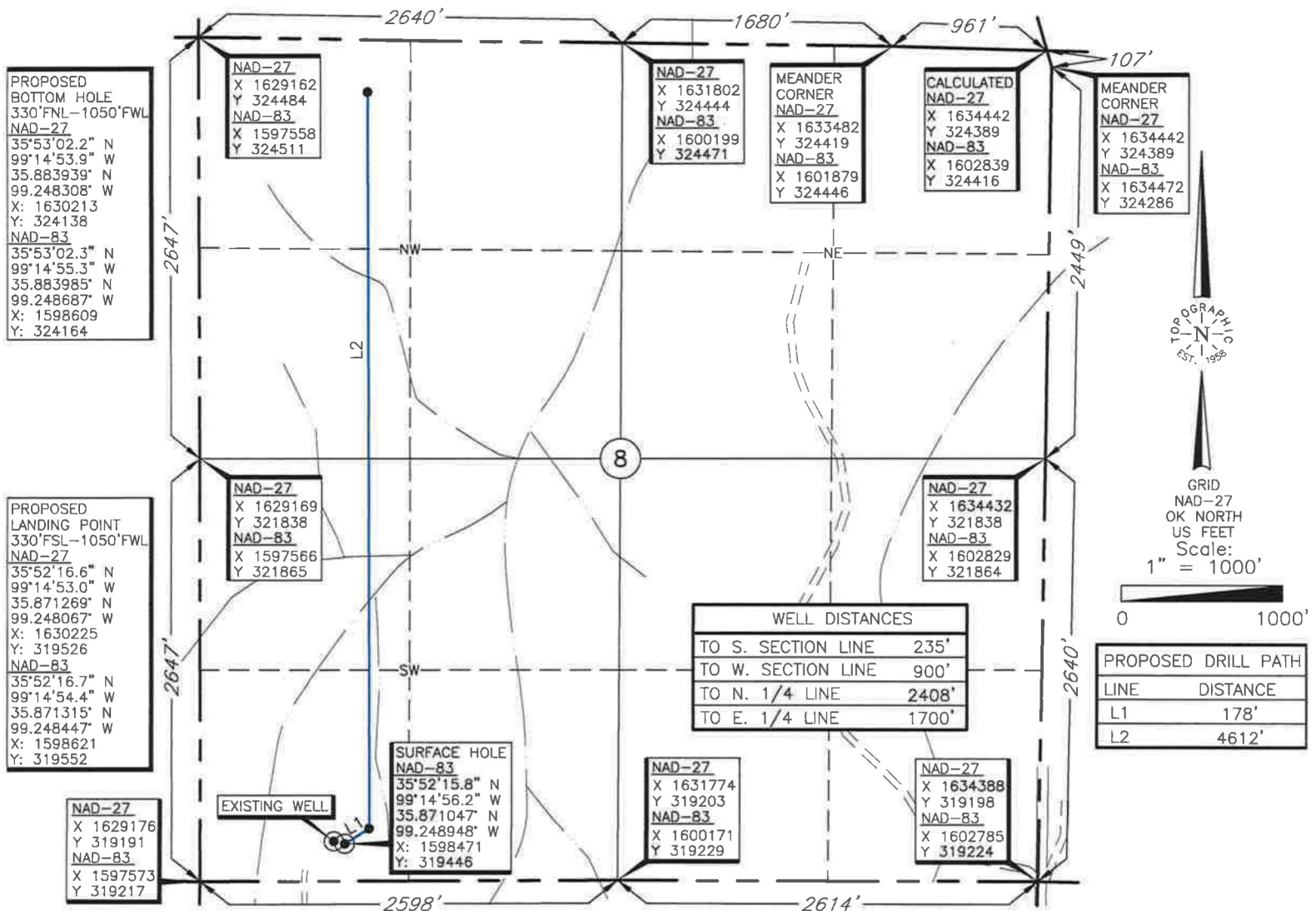
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

043 23617 FERRELL 8-16N-19W 1CH

DEWEY

County, Oklahoma

235'FSL-900'FWL Section 8 Township 16N Range 19W I.M.



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: FERRELL 8-16N-19W

Well No.: 1CH

ELEVATION:

1968' Gr. on Existing Pad

Topography & Vegetation Loc. fell on existing pad

Good Drill Site? Yes Reference Stakes or Alternate Location  
Stakes Set None

Best Accessibility to Location From South off lease road

Distance & Direction  
from Hwy Jct or Town From the junction of St. Hwy 47 E-W & St. Hwy 34 South of Leedey, Oklahoma, go  
± 6 miles East on St. Hwy 47, then ± 2 miles North to the Southwest Corner of Section 8, T16N-R19W.

DATUM: NAD-27

LAT: 35°52'15.6" N

LONG: 99°14'54.8" W

LAT: 35.871001° N

LONG: 99.248568° W

STATE PLANE  
COORDINATES (US FEET):  
ZONE: OK NORTH

X: 1630075

Y: 319430

Date of Drawing: Apr. 9, 2018  
Invoice # 291835 Date Staked: Oct. 25, 2017 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.

Oklahoma Reg. No. 1433

