

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

API NUMBER: 043 23572

Approval Date: 11/21/2017

Expiration Date: 05/21/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 17N Rge: 19W

County: DEWEY

SPOT LOCATION: ☐ SW ☐ SE ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 235 1010

Lease Name: PAMELA 27-17N-19W

Well No: 1CH

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

Operator Name: WHITE STAR PETROLEUM II LLC

Telephone: 8444024902

OTC/OCC Number: 23275 0

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

SWINDELL LIVING TRUST
11580 MOUNTAIN TOP CIRCLE
JONESTOWN TX 78645

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

	Name	Depth	Name	Depth
1	CLEVELAND	9215	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 105050

Location Exception Orders: 648112

Increased Density Orders: 647799

658900

658898

Pending CD Numbers:

Special Orders:

Total Depth: 14000

Ground Elevation: 2048

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 360

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 17-33166

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 27 Twp 17N Rge 19W County DEWEY

Spot Location of End Point: E2 SE SW SW

Feet From: SOUTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 1050

Depth of Deviation: 8639

Radius of Turn: 700

Direction: 178

Total Length: 4261

Measured Total Depth: 14000

True Vertical Depth: 9315

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

Notes:

Category	Description
DEEP SURFACE CASING	11/21/2017 - 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	11/17/2017 - 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
INCREASED DENSITY - 647799	11/20/2017 - G60 - 27-17N-19W X105050 CLVD 1 WELL LIGHTHOUSE OIL AND GAS, LP (BOUGHT IN ITS ENTIRETY BY WHITE STAR PETROLEUM II LLC) 12/15/15
INCREASED DENSITY - 658898	11/20/2017 - G60 - 27-17N-19W EXT OF TIME FOR 647799 TO 12/18/17
LOCATION EXCEPTION - 648112	11/20/2017 - G60 - (I.O.) 27-17N-19W X105050 CLVD COMPL. INT. NCT 330' FNL, NCT 330' FSL, NCT 660' FWL LIGHTHOUSE OIL AND GAS, LP (BOUGHT IN ITS ENTIRETY BY WHITE STAR PETROLEUM II LLC) 12/28/15
LOCATION EXCEPTION - 658900	11/20/2017 - G60 - EXT OF TIME FOR 648112 TO 12/28/17
SPACING - 105050	11/20/2017 - G60 - (640) 27-17N-19W EST CLVD, OTHERS EXT OTHERS

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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 23572 PAMELA 27-17N-19W 1CH

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

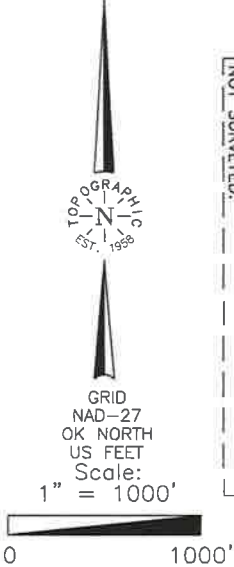
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

3504323572

DEWEY

County, Oklahoma

235'FSL-1010'FWL Section 22 Township 17N 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

NAD-27
X 1638560
Y 345329
NAD-83
X 1606957
Y 345356

NAD-27
X 1641188
Y 345261
NAD-83
X 1609584
Y 345287

NAD-27
X 1643816
Y 345192
NAD-83
X 1612213
Y 345218

WELL DISTANCES	
TO S. SECTION LINE	235'
TO W. SECTION LINE	1010'
TO N. 1/4 LINE	2403'
TO E. 1/4 LINE	1631'

NAD-27
X 1638535
Y 342684
NAD-83
X 1606932
Y 342711

NAD-27
X 1643805
Y 342576
NAD-83
X 1612201
Y 342603

SURFACE HOLE
NAD-83
34°55'42.9" N
99°13'04.6" W
34.928596" N
99.217945" W
X: 1607919
Y: 340286

NAD-27
X 1638511
Y 340041
NAD-83
X 1606907
Y 340067

NAD-27
X 1641152
Y 340000
NAD-83
X 1609549
Y 340027

NAD-27
X 1643793
Y 339961
NAD-83
X 1612190
Y 339987

PROPOSED
LANDING POINT
330'FNL-1000'FWL
NAD-27
35°55'37.2" N
99°13'03.3" W
35.926998" N
99.217590" W
X: 1639509
Y: 339695
NAD-83
35°55'37.4" N
99°13'04.7" W
35.927046" N
99.217968" W
X: 1607905
Y: 339722

NAD-27
X 1638494
Y 337406
NAD-83
X 1606890
Y 337433

NAD-27
X 1643750
Y 337325
NAD-83
X 1612146
Y 337352

PROPOSED
BOTTOM HOLE
330'FSL-1050'FWL
NAD-27
35°54'51.6" N
99°13'02.6" W
35.914321" N
99.217396" W
X: 1639508
Y: 335080
NAD-83
35°54'51.7" N
99°13'04.0" W
35.914369" N
99.217774" W
X: 1607905
Y: 335107

NAD-27
X 1638453
Y 334765
NAD-83
X 1606849
Y 334792

NAD-27
X 1641079
Y 334729
NAD-83
X 1609476
Y 334755

NAD-27
X 1643706
Y 334690
NAD-83
X 1612103
Y 334717

PROPOSED DRILL PATH	
LINE	DISTANCE
L1	565'
L2	4615'

Operator: WHITE STAR PETROLEUM
Lease Name: PAMELA 27-17N-19W
Topography & Vegetation Loc. fell on existing pad
Well No.: 1CH
ELEVATION: 2048' Gr. on Existing Pad
Good Drill Site? Yes
Best Accessibility to Location From South off county road
Distance & Direction from Hwy Jct or Town From Webb, Oklahoma, go ± 5 miles West to the Southwest Corner of Section 22, T17N-R19W.
Reference Stakes or Alternate Location Stakes Set None

DATUM: NAD-27
LAT: 35°55'42.8" N
LONG: 99°13'03.2" W
LAT: 35.928550° N
LONG: 99.217566° W
STATE PLANE COORDINATES (US FEET):
ZONE: OK NORTH
X: 1639523
Y: 340260

Date of Drawing: Nov. 9, 2017
Invoice # 283020A Date Staked: Nov. 9, 2017 NMB

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 Lic. No. 1433

