

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

API NUMBER: 119 24422

Approval Date: 10/19/2016
Expiration Date: 04/19/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 19N Rge: 3E

County: PAYNE

SPOT LOCATION: SW SW SE SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 251 1204

Lease Name: MARILYN 7-18-19N-3E

Well No: 2WH

Well will be 251 feet from nearest unit or lease boundary.

Operator Name: WHITE STAR PETROLEUM LLC

Telephone: 8444024903

OTC/OCC Number: 23358 0

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

LOWELL S. & MARILYN S. ADAMS
1503 FOREST GREEN DRIVE
OGDEN UT 84403

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

Name	Depth	Name	Depth
1 WOODFORD	4419	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 649315

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201604132
201604130
201604136
201604133
201604134

Special Orders:

Total Depth: 11250

Ground Elevation: 921

Surface Casing: 590

Depth to base of Treatable Water-Bearing FM: 340

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: 16-31695
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 18 Twp 19N Rge 3E County PAYNE

Spot Location of End Point: SW SE NE NE

Feet From: NORTH 1/4 Section Line: 1230

Feet From: EAST 1/4 Section Line: 400

Depth of Deviation: 3700

Radius of Turn: 750

Direction: 175

Total Length: 6372

Measured Total Depth: 11250

True Vertical Depth: 4450

End Point Location from Lease,
Unit, or Property Line: 400

Notes:

Category	Description
HYDRAULIC FRACTURING	10/14/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.
PENDING CD - 201604130	10/14/2016 - G75 - (640)(HOR) 7-19N-3E VAC OTHERS EXT 649315 WDFD, OTHERS POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL REC 10-17-2016 (NORRIS)
PENDING CD - 201604132	10/14/2016 - G75 - (I.O.) 7 & 18-19N-3E EST MULTIUNIT HORIZONTAL WELL X201604130 WDFD 7-19N-3E X649315 WDFD 18-19N-3E 80% 7-19N-3E 20% 18-19N-3E WHITE STAR PETRO., LLC REC 10-17-2016 (NORRIS)
PENDING CD - 201604133	10/14/2016 - G75 - 7-19N-3E X201604130 WDFD 1 WELL NO OP. NAMED REC 10-17-2016 (NORRIS)
PENDING CD - 201604134	10/14/2016 - G75 - 18-19N-3E X649315 WDFD 2 WELLS NO OP. NAMED HEARING 11-8-2016
PENDING CD - 201604136	10/14/2016 - G75 - (I.O.) 7 & 18-19N-3E X201604130 WDFD 7-19N-3E X649315 WDFD 18-19N-3E COMPL. INT. (7-19N-3E) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (18-19N-3E) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL NO OP. NAMED REC 10-17-2016 (NORRIS)
SPACING - 649315	10/14/2016 - G75 - (640)(HOR) 18-19N-3E EXT 613483 WDFD, OTHERS POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER # 271048 WDFD)
TOTAL DEPTH	10/14/2016 - G75 - 11,250' PER OPERATOR

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Category

Description

WATERSHED STRUCTURE

10/14/2016 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 372-7201 PRIOR TO DRILLING

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