

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

API NUMBER: 119 24432

Approval Date: 09/15/2017  
Expiration Date: 03/15/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 18N Rge: 1W

County: PAYNE

SPOT LOCATION:  NW  NE  NW  NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 260 1865

Lease Name: PEGGY ANN 29-18N-1W

Well No: 1MH

Well will be 260 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

PEGGY ANN YOST  
14817 N COLTRANE RD  
MULHALL OK 73063

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	5162	6
2			7
3			8
4			9
5			10

Spacing Orders: 624500

Location Exception Orders: 665237

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 10600

Ground Elevation: 1014

**Surface Casing: 470**

Depth to base of Treatable Water-Bearing FM: 220

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: WELLINGTON

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

PERMIT NO: 17-33143

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - CIMARRON RIVER)

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 29 Twp 18N Rge 1W County LOGAN

Spot Location of End Point: SE SE SE SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2435

Depth of Deviation: 4572

Radius of Turn: 764

Direction: 187

Total Length: 4828

Measured Total Depth: 10600

True Vertical Depth: 5272

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

Notes:

Category

Description

HYDRAULIC FRACTURING

9/8/2017 - 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](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 - 665237

9/15/2017 - G60 - (I.O.) 29-18N-1W  
X624500 MSSP  
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 1320' FWL  
WHITE STAR PETROLEUM, LLC.  
6/23/17

SPACING - 624500

9/15/2017 - G60 - (640)(HOR) 29-18N-1W  
VAC 115037/114781 MISS, OTHERS  
EXT 612860 MSSP, OTHERS  
POE TO BHL (MSSP) NCT 660' FB  
(SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEIXST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)

**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219

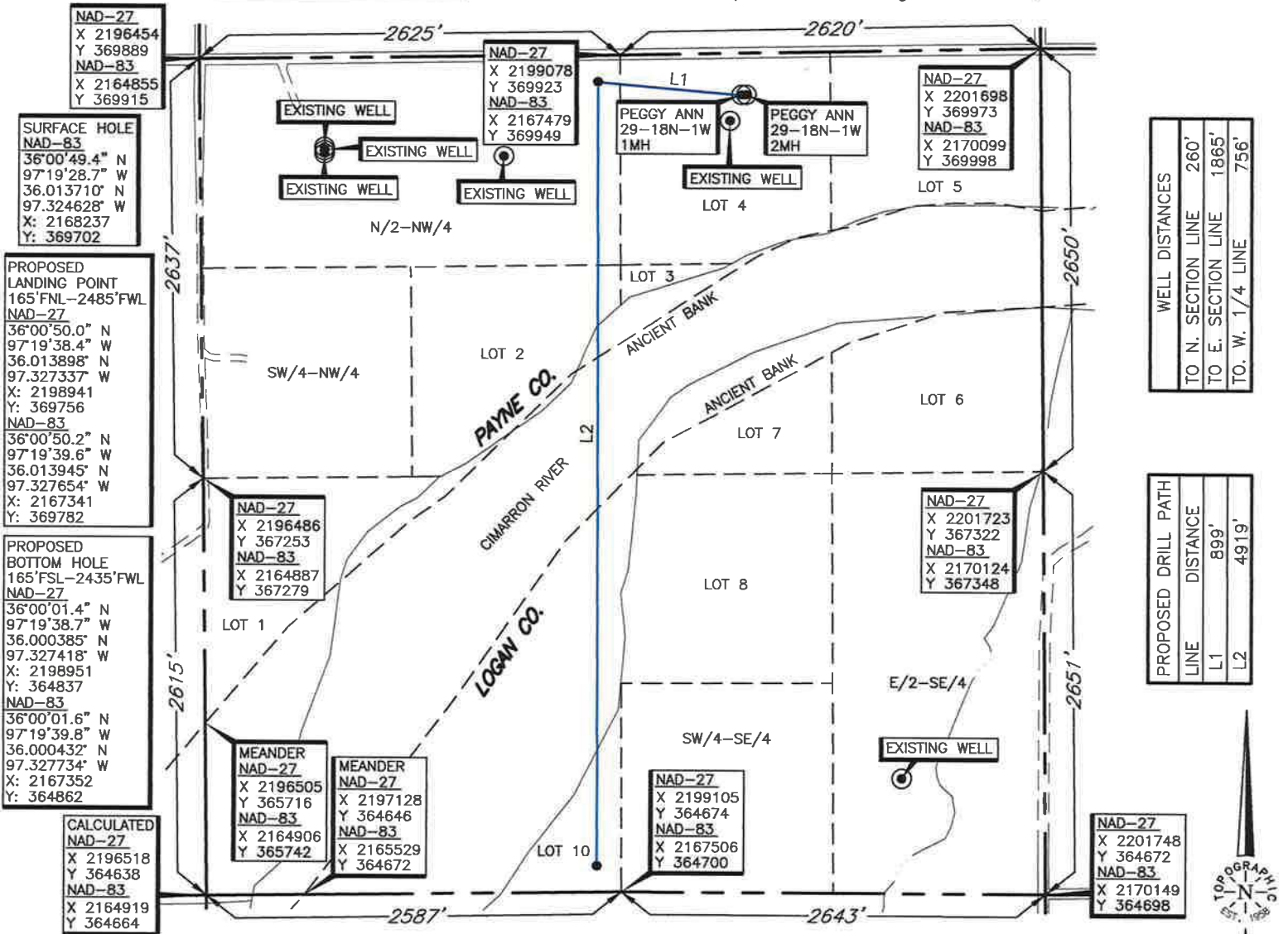
Certificate of Authorization No. 1293 LS

PAYNE

County, Oklahoma

260'FNL-1865'FEL Section 29 Township 18N Range 1W I.M.

3511924432

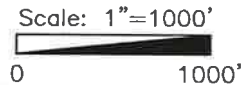


WELL DISTANCES	
TO N. SECTION LINE	260'
TO E. SECTION LINE	1865'
TO W. 1/4 LINE	756'

PROPOSED DRILL PATH	
LINE	DISTANCE
L1	899'
L2	4919'

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

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY



**ELEVATION:**  
1014' Gr. at Stake



Operator: WHITE STAR PETROLEUM

Lease Name: PEGGY ANN 29-18N-1W Well No.: 1MH

Topography & Vegetation Loc. fell in sloping pasture

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

Best Accessibility to Location From North off county road

Distance & Direction From the junction of I-35 & St. Hwy 51 E-W, go ± 7 miles South on I-35, then ± 1.7 miles East to the Northeast Corner of Section 29, T18N-R1W.

DATUM: NAD-27  
 LAT: 36°00'49.2" N  
 LONG: 97°19'27.5" W  
 LAT: 36.013663° N  
 LONG: 97.324311° W

STATE PLANE COORDINATES (US FEET):  
 ZONE: OK NORTH  
 X: 2199836  
 Y: 369677

Date of Drawing: Dec. 7, 2016  
 Invoice # 269100 Date Staked: Oct. 17, 2016 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 Reg. No. 1433



This information was gathered with a GPS receiver with ±1 foot horiz./vert. accuracy.