

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

API NUMBER: 119 24419

Approval Date: 10/17/2016
Expiration Date: 04/17/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 18N Rge: 1E

County: PAYNE

SPOT LOCATION: NW NW NE NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 251 1560

Lease Name: WAYNE 34-18N-1E

Well No: 1MH

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

WAYNE ALLEN BOYCE
9308 WEST 116TH
COYLE OK 73027

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	4871	6	
2	WOODFORD	5027	7	
3	MISENER-HUNTON	5082	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201602775
201602779

Special Orders:

Total Depth: 10000

Ground Elevation: 1060

Surface Casing: 480

Depth to base of Treatable Water-Bearing FM: 230

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: 16-31701
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 34 Twp 18N Rge 1E County PAYNE

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 880

Depth of Deviation: 4297

Radius of Turn: 750

Direction: 185

Total Length: 4525

Measured Total Depth: 10000

True Vertical Depth: 5082

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

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 - 201602775	10/17/2016 - G75 - (640)(HOR) 34-18N-1E VAC 272158 MSNR, HNTN NE4 VAC 272158 CSTR, MSSLM E2 VAC 208677 MSNR, HNTN S2 VAC 114771 MSSP NW4 VAC 208677 MSSP SW4 EXT 649901 MSSP, WDFD, MSRH POE TO BHL (MSSP, MSRH) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL REC 10-11-2016 (M. PORTER)
PENDING CD - 201602779	10/17/2016 - G75 - (I.O.) 34-18N-1E X201602775 MSSP, WDFD, MSRH COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL NO OP. NAMED REC 10-11-2016 (M. PORTER)

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.

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

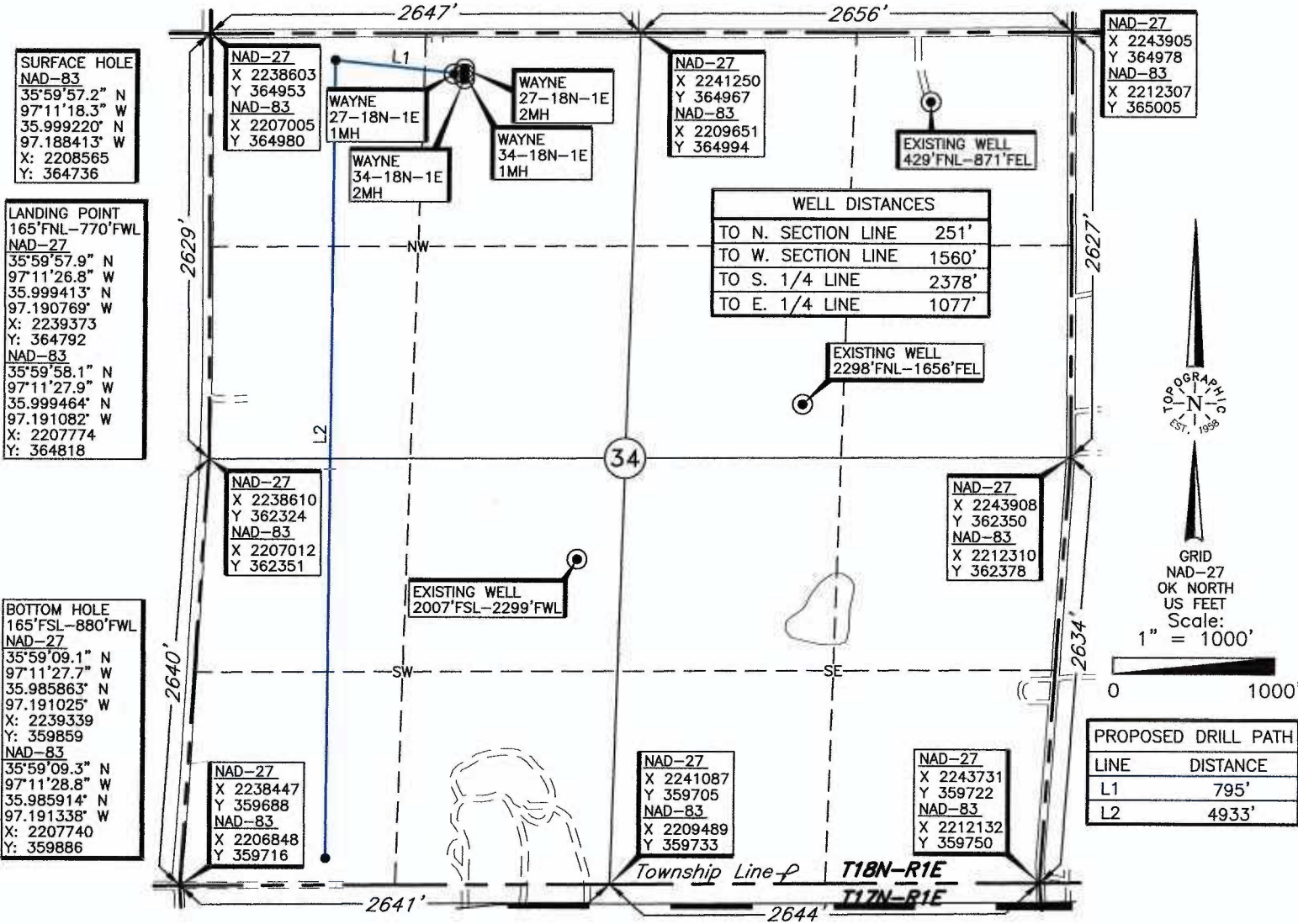
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293 LS

PAYNE

County, Oklahoma

API 119-24419

251'FNL-1560'FWL Section 34 Township 18N Range 1E 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: WAYNE 34-18N-1E

ELEVATION:
 1060' 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 North off county road

Distance & Direction from Hwy Jct or Town From the Logan/Payne County Line on St. Hwy 33, go ± 2.2 miles North-Northeast on St. Hwy 33, then ± 1 mile North to the Northwest Corner of Section 34, T18N-R1E.

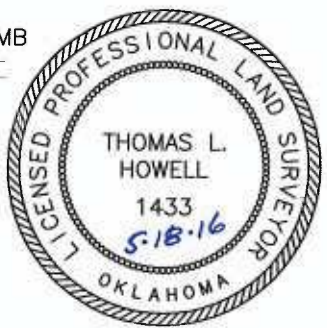
DATUM: NAD-27
 LAT: 35°59'57.0" N
 LONG: 97°11'17.2" W
 LAT: 35.999169° N
 LONG: 97.188100° W
 STATE PLANE COORDINATES (US FEET):
 ZONE: OK NORTH
 X: 2240164
 Y: 364710

Date of Drawing: May 16, 2016
 Invoice # 260475 Date Staked: May 11, 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.