

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

API NUMBER: 081 24268

Approval Date: 06/29/2016
Expiration Date: 12/29/2016

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 14 Twp: 16N Rge: 3E

County: LINCOLN

SPOT LOCATION: SW SE SW SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 281 1840

Lease Name: BOLENE 14-16N-3E

Well No: 1MH

Well will be 281 feet from nearest unit or lease boundary.

Operator Name: WHITE STAR PETROLEUM LLC

Telephone: 4056085540

OTC/OCC Number: 23358 0

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

SHERRY DUANNA BURROW BOLENE
6622 COVENTRY DR.
STILLWATER OK 74074

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	4458	6	
2	WOODFORD	4612	7	
3	MISENER-HUNTON	4663	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201601894
201601892

Special Orders:

Total Depth: 9500

Ground Elevation: 993

Surface Casing: 720

Depth to base of Treatable Water-Bearing FM: 470

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: 16-31272
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 14 Twp 16N Rge 3E County LINCOLN

Spot Location of End Point: NE NW NW NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 2255

Depth of Deviation: 3716

Radius of Turn: 800

Direction: 357

Total Length: 4527

Measured Total Depth: 9500

True Vertical Depth: 4663

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

Notes:

Category

Description

HYDRAULIC FRACTURING

6/2/2016 - 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/](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 - 201601892

6/3/2016 - G60 - (640)(HOR) 14-16N-3E
EXT 648997 MSSP, WDFD, MSRH
COMPL. INT. (MSSP, MSRH) NLT 660' FB
COMPL. INT. (WDFD) NLT 165' FSL & FNL, NLT 330' FWL & FEL
REC. 6-27-16 (DUNN)

PENDING CD - 201601894

6/3/2016 - G60 - (I.O.) 14-16N-3E
X201601892 MSSP, WDFD, MSRH
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 660' FEL
NO OP. NAMED
REC. 6-27-16 (DUNN)

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

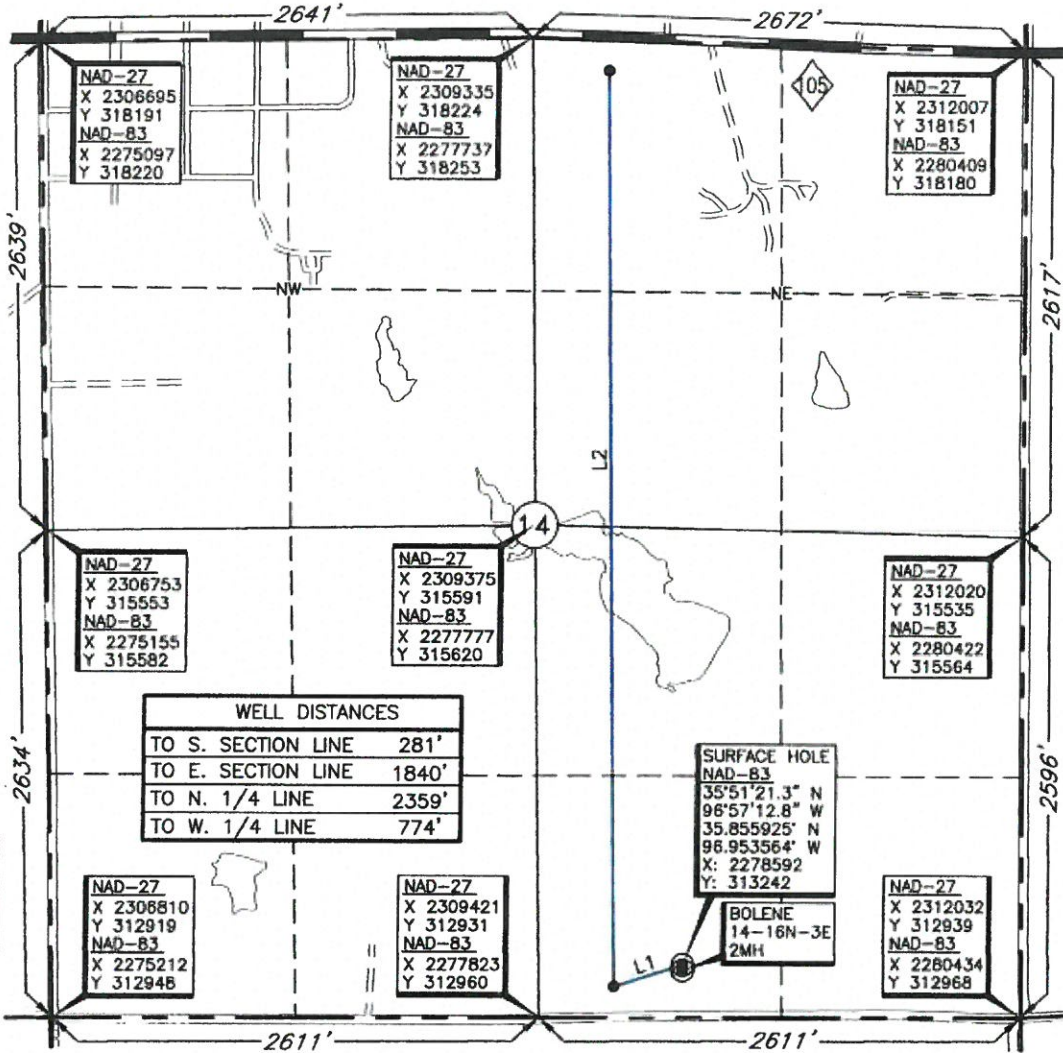
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293 LS

API: 081-24268

LINCOLN

County, Oklahoma

281'FSL-1840'FEL Section 14 Township 16N Range 3E I.M.



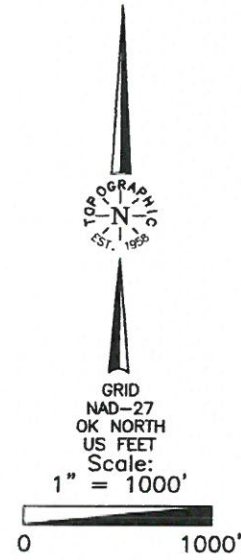
BOTTOM HOLE
 165'FNL-2255'FEL
 NAD-27
 35°52'09.0" N
 96°57'16.4" W
 35.869155" N
 96.954562" W
 X: 2309752
 Y: 318047
 NAD-83
 35°52'09.2" N
 96°57'17.5" W
 35.869215" N
 96.954868" W
 X: 2278153
 Y: 318076

LANDING POINT
 165'FSL-2205'FEL
 NAD-27
 35°51'20.0" N
 96°57'16.2" W
 35.855554" N
 96.954492" W
 X: 2309826
 Y: 313097
 NAD-83
 35°51'20.2" N
 96°57'17.3" W
 35.855614" N
 96.954798" W
 X: 2278228
 Y: 313125

WELL DISTANCES	
TO S. SECTION LINE	281'
TO E. SECTION LINE	1840'
TO N. 1/4 LINE	2359'
TO W. 1/4 LINE	774'

SURFACE HOLE
 NAD-83
 35°51'21.3" N
 96°57'12.8" W
 35.855925" N
 96.953564" W
 X: 2278592
 Y: 313242

BOLENE
 14-16N-3E
 2MH



PROPOSED DRILL PATH	
LINE	DISTANCE
L1	383'
L2	4951'

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: BOLENE 14-16N-3E

Well No.: 1MH
ELEVATION: 993' Gr. at Stake

Topography & Vegetation Loc. fell in pasture
 Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None
 Best Accessibility to Location From South off county road
 Distance & Direction From the junction of St. Hwy 105 & St. Hwy 18, go ± 4 miles West on St. Hwy 105, then ± 1 mile South to the Southeast Corner of Section 14, T16N-R3E.

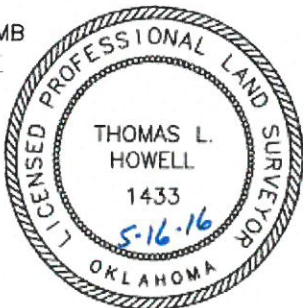
DATUM: NAD-27
 LAT: 35°51'21.1" N
 LONG: 96°57'11.7" W
 LAT: 35.855865" N
 LONG: 96.953258" W
 STATE PLANE COORDINATES (US FEET):
 ZONE: OK NORTH
 X: 2310191
 Y: 313214

Date of Drawing: May 12, 2016
 Invoice # 258193 Date Staked: May 11, 2016

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