

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

API NUMBER: 151 24476

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

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 25N Rge: 15W County: WOODS  
SPOT LOCATION:  NE  NW  NE  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 250 1750

Lease Name: WENZEL 2515 Well No: 1H-03 A Well will be 250 feet from nearest unit or lease boundary.  
Operator Name: MIDSTATES PETROLEUM COMPANY LLC Telephone: 9189478550 OTC/OCC Number: 23079 0

MIDSTATES PETROLEUM COMPANY LLC  
321 S BOSTON AVE STE 600  
TULSA, OK 74103-3322

BILL WENZEL  
18 BEATY LANE  
BELLEVUE AR 72715

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

Name	Depth	Name	Depth
1 MISS'AN LM	5885	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 118148

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201602149

Special Orders:

Total Depth: 11350

Ground Elevation: 1511

**Surface Casing: 1300**

Depth to base of Treatable Water-Bearing FM: 670

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 25000 Average: 8000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: FLOWERPOT

E. Haul to Commercial pit facility: Sec. 10 Twn. 26N Rng. 15W Cnty. 151 Order No: 563714  
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 03 Twp 25N Rge 15W County WOODS

Spot Location of End Point: N2 N2 NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 5200

Radius of Turn: 764

Direction: 350

Total Length: 4950

Measured Total Depth: 11350

True Vertical Depth: 5885

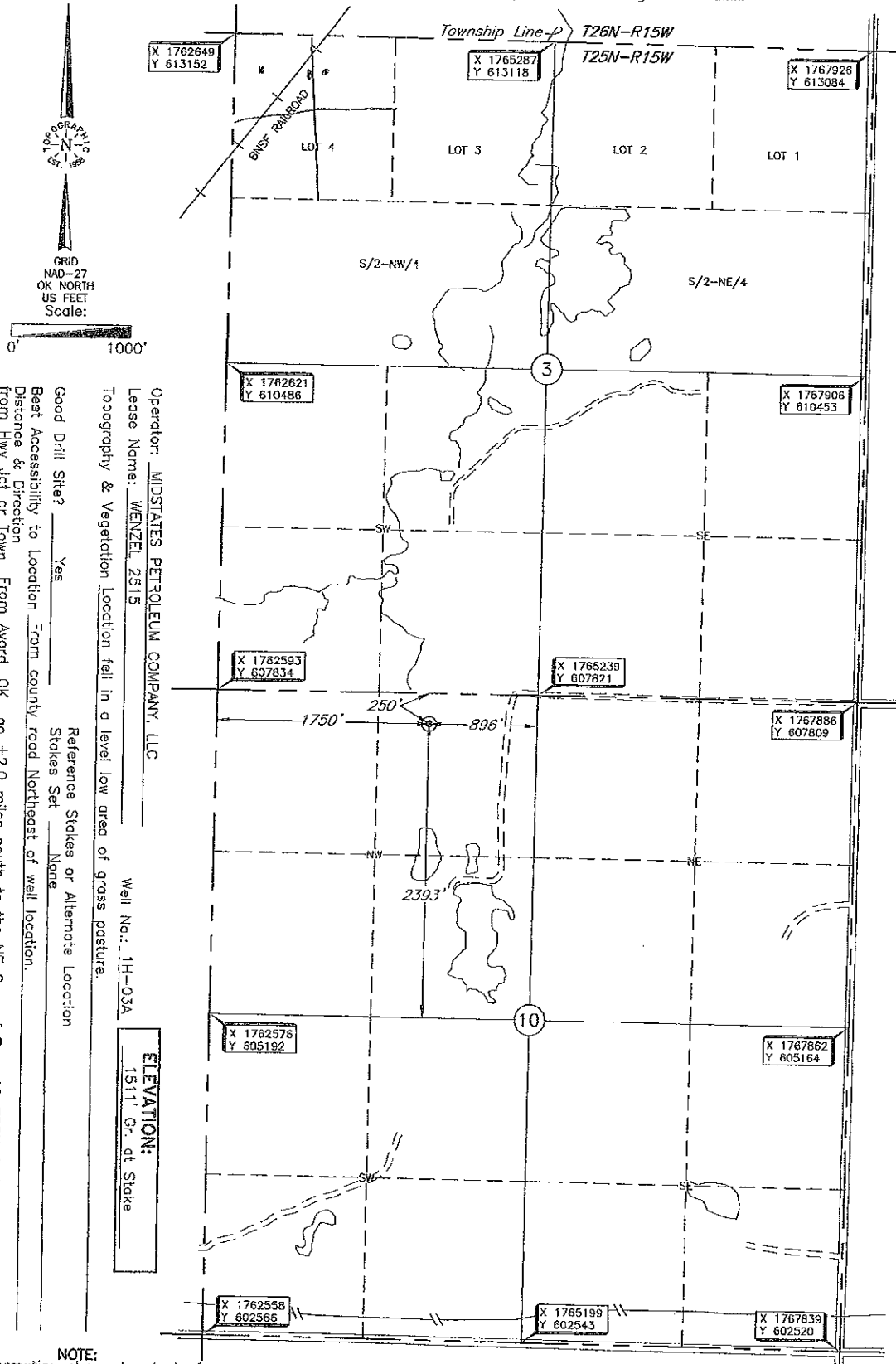
End Point Location from Lease,  
Unit, or Property Line: 165

Notes:

Category	Description
DEEP SURFACE CASING	6/16/2016 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	6/16/2016 - 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 <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> 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 - 201602149	6/16/2016 - G75 - (I.O.) 3-25-15W X118148 MPLM COMPL. INT. NCT 165 TO SL, NCT 165 TO NL, NCT 600 TO WL NO OP. NAMED REC 6-28-2016 (MCKEOWN)
SPACING - 118148	6/16/2016 - G75 - (640) 3-25N-15W EXT 68659/110838 MPLM, OTHERS EXT OTHER

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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.

WOODS County, Oklahoma  
 250' FNL - 1750' FWL Section 10 Township 25N Range 15W I.M.



Operator: MIDSTATES PETROLEUM COMPANY, LLC  
 Lease Name: WENZEL 2515  
 Topography & Vegetation Location fell in a level low area of grass pasture.  
 Well No.: 1H-03A  
 ELEVATION: 1511' Gr. at Stake  
 Good Drill Site?  Yes  
 Best Accessibility to Location From county road Northwest of well location.  
 Distance & Direction From Hwy Jet or Town From Avord, Ok., go ±2.0 miles south to the NE Cor. of Sec. 10-T25N-R15W, then go ±0.5 miles west on county road to the NE Cor. of the NW/4.  
 Reference Stakes or Alternate Location Stakes Set  None

**NOTE:**  
 The information shown herein is for construction purposes ONLY.

DATUM: NAD-27  
 LAT: 36°39'59.0" N  
 LONG: 98°48'12.5" W  
 LAT: 36.666402653° N  
 LONG: 98.803469148° W  
 STATE PLANE  
 COORDINATES (US FEET):  
 ZONE: OK NORTH  
 X: 1764341  
 Y: 607576

Date of Drawing: June 10, 2016  
 Invoice # 261520A Date Staked: June 09, 2016 JGW

**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

