

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

API NUMBER: 151 24472

Approval Date: 05/23/2016

Expiration Date: 11/23/2016

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 26N Rge: 15W County: WOODS
SPOT LOCATION: NW NW NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 200 1500

Lease Name: JB 2615 Well No: 1H-09A Well will be 200 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

J-B COMMERCIAL REALTY, C/O ROSS WHITEHEAD
PO BOX 326
LAMONT OK 74643

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

	Name	Depth	Name	Depth
1	MISSISSIPPI LIME	5771	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 76536

Location Exception Orders: 651164

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11350

Ground Elevation: 1537

Surface Casing: 1300

Depth to base of Treatable Water-Bearing FM: 830

Under Federal Jurisdiction: Yes

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 09 Twp 26N Rge 15W County WOODS

Spot Location of End Point: S2 S2 SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 5200

Radius of Turn: 764

Direction: 182

Total Length: 4950

Measured Total Depth: 11350

True Vertical Depth: 5771

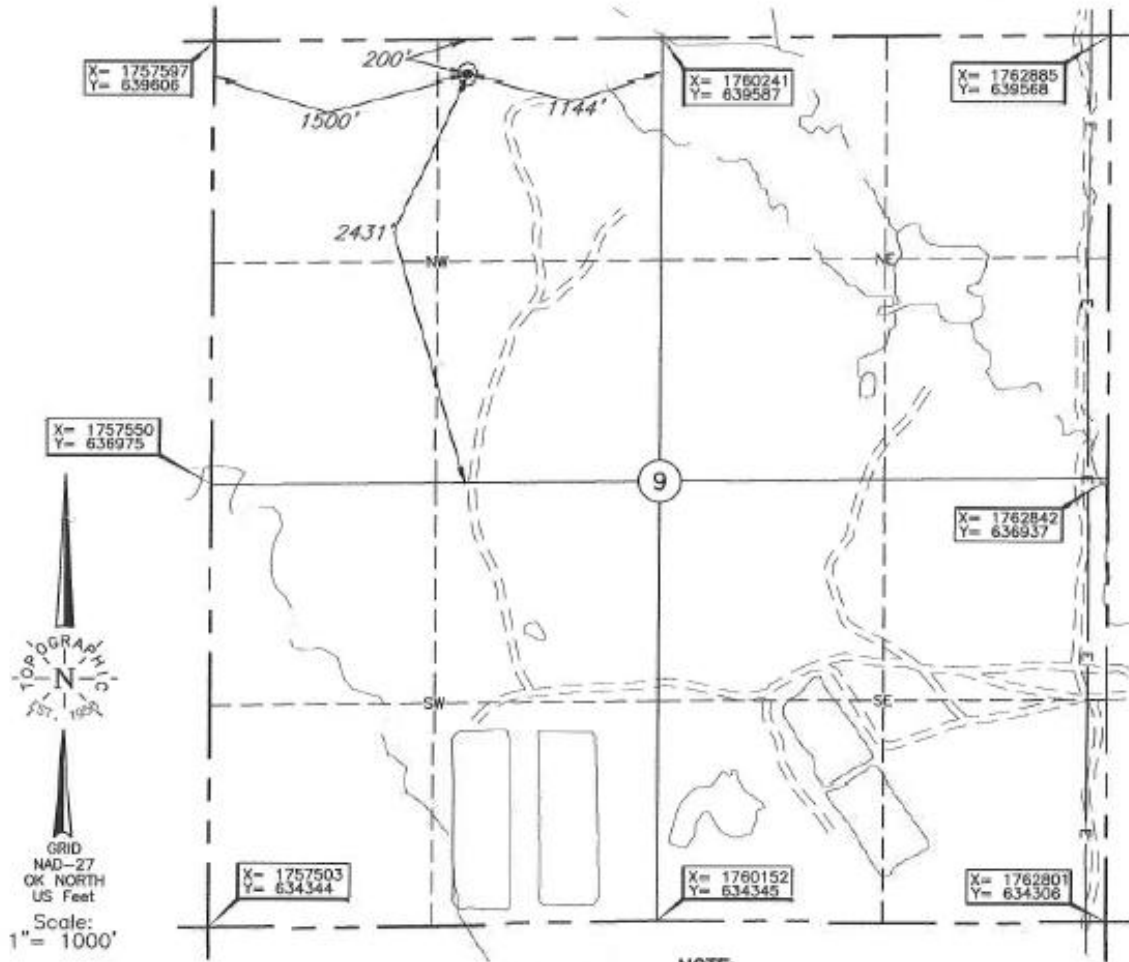
End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category	Description
DEEP SURFACE CASING	5/20/2016 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	5/20/2016 - 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.
LOCATION EXCEPTION - 651164	5/20/2016 - G60 - (I.O.) 9-26N-15W X76536 MSSLM COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 600' FWL MIDSTATES PETROLEUM COMPANY, LLC 3-25-16
SPACING - 76536	5/20/2016 - G60 - (640) 9-26N-15W EXT 58325/73247 MSSLM

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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.

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
 6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 854-3219
 Certificate of Authorization No. 1293 LS
 WOODS County, Oklahoma
 200'FNL - 1500'FWL Section 9 Township 26N Range 15W I.M.



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

Operator: MIDSTATES PETROLEUM COMPANY, LLC

Lease Name: JB 2615

Well No.: 1H-09A

ELEVATION:
1537' Gr. at Stake

Topography & Vegetation Loc. fell in level grass pasture, low area

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

Best Accessibility to Location From South off lease road

Distance & Direction
 from Hwy Jct or Town From Award, OK, go ±5.0 mi. North, then ±2.0 mi. West,
then ±1.0 mi. South through Sec. 4 to the NW Cor. of Sec 9-T26N-R15W

DATUM: NAD-27
 LAT: 36°45'13.2"N
 LONG: 98°49'20.2"W
 LAT: 36.753677469° N
 LONG: 98.822279711° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1759093
 Y: 639395

Date of Drawing: Jan. 26, 2016
 Invoice # 255960A Date Staked: Jan. 22, 2016 AC

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



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