

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

API NUMBER: 151 24482 A

Approval Date: 08/12/2016
Expiration Date: 02/12/2017

Horizontal Hole Disposal

Amend reason: DELETE FORMATIONS; CHANGE TO HORIZONTAL WELL; CHANGE TOTAL DEPTH

AMEND 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 1470

Lease Name: JB 2615 Well No: 1-9 SWD 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 1000
TULSA, OK 74103-3322

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

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

Name	Depth	Name	Depth
1 HUNTON	6636	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11165 Ground Elevation: 1537 **Surface Casing: 1300** Depth to base of Treatable Water-Bearing FM: 830

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION

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

Approved Method for disposal of Drilling Fluids:

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: SW SW SE SW

Feet From: SOUTH 1/4 Section Line: 100

Feet From: WEST 1/4 Section Line: 1470

Depth of Deviation: 5950

Radius of Turn: 573

Direction: 180

Total Length: 4315

Measured Total Depth: 11165

True Vertical Depth: 6636

End Point Location from Lease,
Unit, or Property Line: 100

Notes:

Category	Description
DEEP SURFACE CASING	8/10/2016 - 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	8/10/2016 - 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.
SPACING	8/10/2016 - G71 - N/A - DISPOSAL WELL

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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

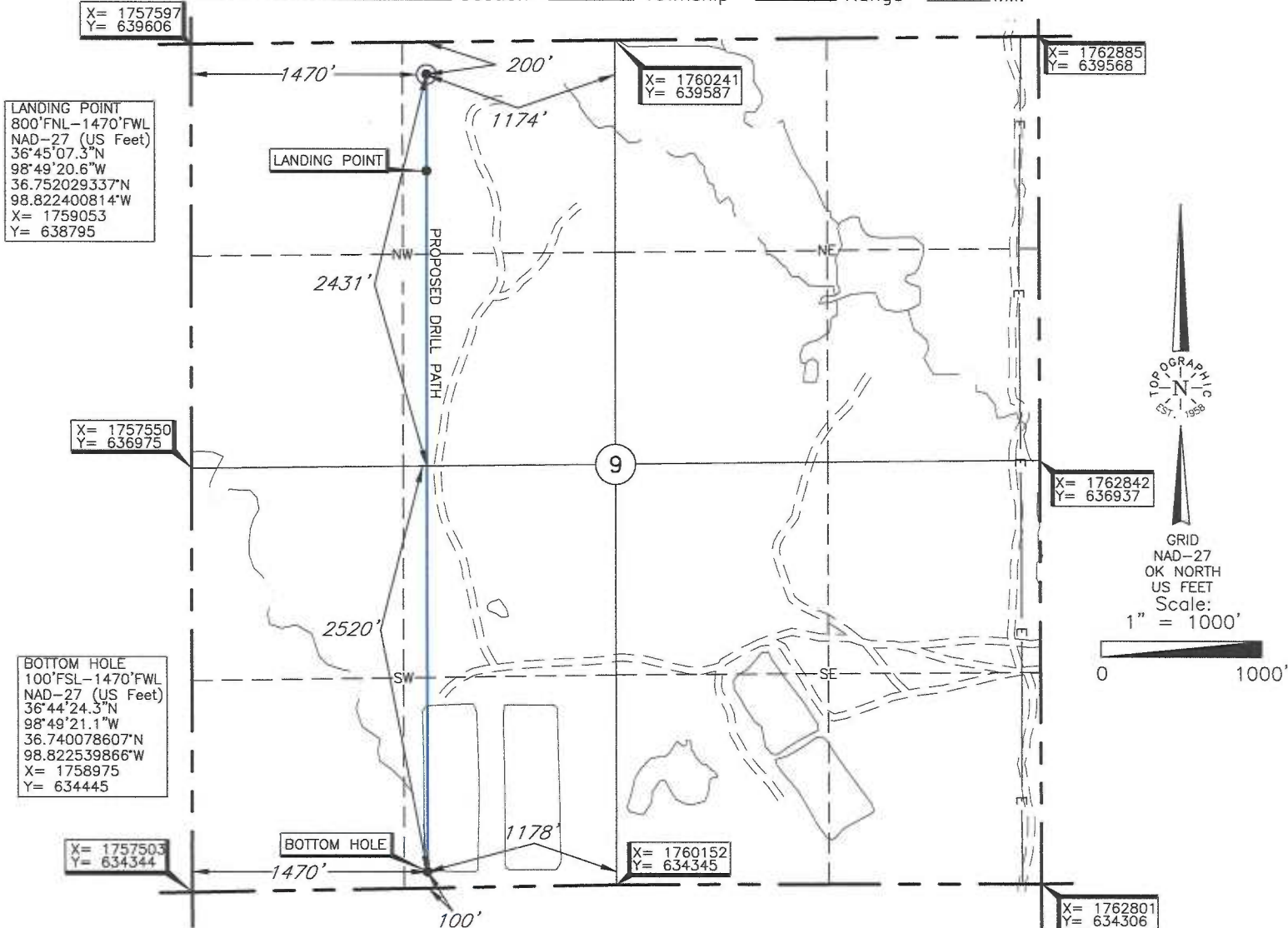
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293 LS

WOODS

County, Oklahoma

API 151-24482 A

200'FNL-1470'FWL Section 9 Township 26N Range 15W I.M.



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

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.

Operator: MIDSTATES PETROLEUM COMPANY, LLC

Lease Name: JB 2615

Well No.: 1-9 SWD

ELEVATION:

1537' Gr. at Stake

Topography & Vegetation Loc. fell in level grass pasture ±30' west of existing well stake

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

Best Accessibility to Location From South on existing lease road

Distance & Direction from Hwy Jct or Town From Avard, OK, go North ±4.0 miles, then go West ±2.0 miles through Sections 10 and 9 to the NW cor. of Sec. 9-T26N-R15W.

DATUM: NAD-27
 LAT: 36°45'13.2"N
 LONG: 98°49'20.6"W
 LAT: 36.753677256°N
 LONG: 98.822381724°W
 STATE PLANE COORDINATES (US FEET):
 ZONE: OK NORTH
 X: 1759064
 Y: 639395

Invoice # 266018 Date of Drawing: Sep. 28, 2016 TR
 Date Staked: Jul. 15, 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.