

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

API NUMBER: 151 24516

Approval Date: 11/16/2017

Expiration Date: 05/16/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 24N Rge: 13W

County: WOODS

SPOT LOCATION: ☐ NE ☐ NE ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 230 1120

Lease Name: MARTIN 2413

Well No: 1H-08 D

Well will be 230 feet from nearest unit or lease boundary.

Operator Name: MIDSTATES PETROLEUM CO LLC

Telephone: 9189478550

OTC/OCC Number: 23079 0

MIDSTATES PETROLEUM CO LLC  
321 S BOSTON AVE STE 1000  
TULSA, OK 74103-3322

CHARLENE MARTIN  
11438 CR. 480  
CARMEN OK 73726

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

Name	Depth	Name	Depth
1 MISSISSIPPI SOLID	6310	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 57343

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201706215

Special Orders:

Total Depth: 11200

Ground Elevation: 1392

**Surface Casing: 290**

Depth to base of Treatable Water-Bearing FM: 240

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: 8000 Average: 5000

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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 08 Twp 24N Rge 13W County WOODS

Spot Location of End Point: N2 N2 NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 5253

Radius of Turn: 635

Direction: 350

Total Length: 4949

Measured Total Depth: 11200

True Vertical Depth: 6310

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

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

10/18/2017 - G57 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: [OCCEWEB.COM/OG/OGFORMS.HTML](http://OCCEWEB.COM/OG/OGFORMS.HTML); AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: [FRACFOCUS.ORG](http://FRACFOCUS.ORG)

PENDING CD - 201706215

11/13/2017 - G57 - (I.O) 8-24N-13W  
X57343 MSSSD  
COMPL. INT. NCT 165' TO SL, NCT 165' TO NL, NCT 600' TO EL  
NO OP. NAMED  
REC 10/17/2017 (MCKEOWN)

SPACING - 57343

11/13/2017 - G57 - (640) 8-24N-13W  
EST MSSSD, OTHER