

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

API NUMBER: 129 23962

Approval Date: 06/11/2014

Expiration Date: 12/11/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 17N Rge: 21W County: ROGER MILLS  
SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 250 2250

Lease Name: RILEY 1721 Well No: 1H-6 CG B Well will be 250 feet from nearest unit or lease boundary.  
Operator Name: MIDSTATES PETROLEUM COMPANY LLC Telephone: 7135959400 OTC/OCC Number: 23079 0

MIDSTATES PETROLEUM COMPANY LLC  
4400 POST OAK PKWY STE 1900  
HOUSTON, TX 77027-3444

JAMES MICHAEL WILSON AND LEVI WILSON  
7456 NORTH 1980 ROAD  
LEEDEY OK 73654

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

	Name	Depth	Name	Depth
1	COTTAGE GROVE	8400	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 104943

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201403307

Special Orders:

Total Depth: 13271 Ground Elevation: 1921 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 340

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: 30000 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 BED AQUIFER

Pit Location Formation: RUSH SPRINGS

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-27188  
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 06 Twp 17N Rge 21W County ROGER MILLS

Spot Location of End Point: W2 NE NE NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 2250

Depth of Deviation: 7960

Radius of Turn: 440

Direction: 360

Total Length: 4620

Measured Total Depth: 13271

True Vertical Depth: 8400

End Point Location from Lease,  
Unit, or Property Line: 330

## Notes:

### Category

### Description

DEEP SURFACE CASING

5/9/2014 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

PENDING CD - 201403307

5/13/2014 - G72 - 6-17N-21W (I.O.)  
X 104943 CGGV;  
COMP INT. NCT 330 FNL NCT 330 FSL NCT 2000 FWL;  
NO OPER NAMED;  
REC 6/9/2014 (CANDLER)

SPACING - 104943

5/13/2014 - G72 - (640) 6-17N-21W  
EXT 85838 CGGV, OTHER;  
EXT 69641 OTHER;  
EST OTHERS

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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.

129 23962 RILEY 1721 1H-6 CG B