

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

API NUMBER: 045 23420

Approval Date: 12/20/2013

Expiration Date: 06/20/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 17N Rge: 22W County: ELLIS

SPOT LOCATION: ☐ SE ☐ SW ☐ SW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 200 550

Lease Name: KAISER Well No: 9-3HT Well will be 200 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

ROGER HABEKOTT
ROUTE 1, BOX 163
ARNETT OK 73832

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

Name	Depth	Name	Depth
1 DOUGLAS	7935	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 141677

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201307032
201308536

Special Orders:

Total Depth: 12939

Ground Elevation: 1981

Surface Casing: 320

Depth to base of Treatable Water-Bearing FM: 270

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: RUSH SPRINGS

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

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 17N Rge 22W County ELLIS

Spot Location of End Point: C N2 NW NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 7495

Radius of Turn: 440

Direction: 2

Total Length: 4753

Measured Total Depth: 12939

True Vertical Depth: 7935

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

Notes:

Category

Description

PENDING CD - 201307032

12/16/2013 - G30 - 9-17N-22W
X62838 TNKW**
SHL NCT 200 FSL, NCT 330 FWL
1ST PERF NCT 330 FSL, NCT 330 FWL
LAST PERF NCT 330 FNL, NCT 330 FWL
NO OP. NAMED
REC 11/18/13 (MCKEOWN)

**AMEND TO X141677 DGLS PER ATTORNEY FOR OPERATOR

PENDING CD - 201308536

12/19/2013 - G30 - 9-17N-22W
VAC 62838/66170 TNKW
HEARING 12/27/13

SPACING - 141677

12/16/2013 - G30 - (640) 9-17N-22W
EXT 104943 DGLS, OTHERS

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045 23420 KAISER 9-3HT