

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

API NUMBER: 117 23533 A

Approval Date: 05/01/2013
Expiration Date: 11/01/2013

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 21N Rge: 8E County: PAWNEE
SPOT LOCATION: SW NE NE SE FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2308 2018

Lease Name: MCNULTY Well No: 13A Well will be 332 feet from nearest unit or lease boundary.
Operator Name: MID-CON ENERGY OPERATING INC Telephone: 9187437575 OTC/OCC Number: 16011 0

MID-CON ENERGY OPERATING INC
2431 E 61ST ST STE 850
TULSA, OK 74136-1236

PATIENCE CAMPBELL, ATTN: JOHN LEFORCE
9520 N. MAY AVE.
OKLAHOMA CITY OK 73120

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

Name	Depth	Name	Depth
1 COTTAGE GROVE	962	6 PRUE	1987
2 LAYTON	1237	7 SKINNER	2062
3 CLEVELAND	1662	8 BARTLESVILLE	2287
4 BIG LIME	1862	9 SIMPSON	2412
5 OSWEGO	1937	10 ARBUCKLE	2687

Spacing Orders: 609199

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3000

Ground Elevation: 829

Surface Casing: 370

Depth to base of Treatable Water-Bearing FM: 320

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: 5000 Average: 3000

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: VAMOOSA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

Notes:

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.

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Category

Description

SPACING - 609199

4/30/2013 - G75 - (UNIT) S2 17-21N-8E
EST CLEVELAND FIELD UNIT TOP CGGV TO BASE ABCK

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