

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

API NUMBER: 117 23562

Approval Date: 11/20/2013
Expiration Date: 05/20/2014

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 21N Rge: 8E County: PAWNEE
SPOT LOCATION: NW NW NE SE FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 217 1471

Lease Name: MCNULTY Well No: 14A Well will be 217 feet from nearest unit or lease boundary.
Operator Name: MID-CON ENERGY OPERATING LLC Telephone: 9187437575 OTC/OCC Number: 23271 0

MID-CON ENERGY OPERATING LLC
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	1050	6 PRUE	2000
2 LAYTON	1253	7 SKINNER	2050
3 CLEVELAND	1650	8 BARTLESVILLE	2300
4 BIG LIME	1892	9 SIMPSON	2507
5 OSWEGO	1930	10 ARBUCKLE	2710

Spacing Orders: 609199

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3000

Ground Elevation: 790

Surface Casing: 400

Depth to base of Treatable Water-Bearing FM: 350

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.

117 23562 MCNULTY 14A

Category

Description

SPACING - 609199

11/20/2013 - G75 - (UNIT) S2 17-21N-8E
EST CLEVELAND FIELD UNIT TOP CGGV TO BASE ABCK

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