

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

API NUMBER: 117 23537

Approval Date: 06/06/2013

Expiration Date: 12/06/2013

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 21N Rge: 8E County: PAWNEE
SPOT LOCATION: NW SE NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 702 1818

Lease Name: VAN EMAN Well No: 15 Well will be 618 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

HAROLD E. & TAMRA LYNN COLPITT
P.O. BOX 289
MANFORD OK 74044

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

	Name	Depth	Name	Depth	
1	COTTAGE GROVE	1035	6	PRUE	2040
2	LAYTON	1320	7	SKINNER	2100
3	CLEVELAND	1660	8	BARTLESVILLE	2280
4	BIG LIME	1913	9		
5	OSWEGO	1980	10		

Spacing Orders: 609199

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 2420

Ground Elevation: 862

Surface Casing: 220

Depth to base of Treatable Water-Bearing FM: 170

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

6/6/2013 - G75 - (UNIT) N2 NE4 30-21N-8E
EST CLEVELAND FIELD UNIT TOP CGGV TO BASE ABCK

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