

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

API NUMBER: 117 23568

Approval Date: 12/10/2013  
Expiration Date: 06/10/2014

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 21N Rge: 8E County: PAWNEE  
SPOT LOCATION:  NE  SE  NE  NW FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 1955 220

Lease Name: FRAZEE Well No: 22 Well will be 635 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

KROTZER, RAMONA S  
3410 SPRINGFIELDTREE LANE  
SAND SPRINGS OK 74063

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

| Name            | Depth | Name           | Depth |
|-----------------|-------|----------------|-------|
| 1 COTTAGE GROVE | 975   | 6 SKINNER      | 2120  |
| 2 LAYTON        | 1240  | 7 BARTLESVILLE | 2250  |
| 3 JONES /SD/    | 1565  | 8 SIMPSON      | 2480  |
| 4 CLEVELAND     | 1615  | 9 ARBUCKLE     | 2630  |
| 5 PRUE          | 1995  | 10             |       |

Spacing Orders: 609199

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3000

Ground Elevation: 960

**Surface Casing: 210**

Depth to base of Treatable Water-Bearing FM: 160

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 23568 FRAZEE 22

Category

Description

SPACING - 609199

12/10/2013 - G30 - (UNIT) N2 NW4 & NW4 NE4 29-21N-8E  
EST CLEVELAND FIELD UNIT TOP OF CGGV TO BASE ABCK

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 23568 FRAZEE 22

Page 2 of 2