

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

API NUMBER: 117 23573 B

Approval Date: 02/05/2015  
Expiration Date: 08/05/2015

Straight Hole Oil & Gas

PERMIT TO RECOMPLETE

WELL LOCATION: Sec: 18 Twp: 21N Rge: 8E County: PAWNEE  
SPOT LOCATION:  SE  SE  NW  SE FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 1020 1035

Lease Name: **BUNCH** Well No: **4** Well will be **1020** feet from nearest unit or lease boundary.  
Operator Name: **MID-CON ENERGY OPERATING LLC** Telephone: 9187437575; 9187437 OTC/OCC Number: 23271 0

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

GREENFIELD ENVIRONMENTAL MULTISTATE TRUST, LLC  
44 SHATTUCK ROAD  
WATERTOWN MA 02472

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

Name	Depth	Name	Depth
1 COTTAGE GROVE	866	6 PRUE	1840
2 LAYTON	1107	7 SKINNER	1934
3 CLEVELAND	1454	8 BARTLESVILLE	2070
4 BIG LIME	1648	9 SIMPSON	2210
5 OSWEGO	1756	10 ARBUCKLE	2283

Spacing Orders: 609199 Location Exception Orders: Increased Density Orders:  
Pending CD Numbers: Special Orders:

Total Depth: 2283 Ground Elevation: 747 **Surface Casing: 719 IP** Depth to base of Treatable Water-Bearing FM: 180

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes  
Approved Method for disposal of Drilling Fluids:

Notes:

Category	Description
DEEP SURFACE CASING	2/5/2015 - G76 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
FRAC FOCUS	2/5/2015 - G71 - THE REQUIREMENT FOR CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS WILL BE EXTENDED TO INCLUDE ALL NON-HORIZONTAL WELLS FOR HYDRAULIC FRACTURING OPERATIONS BEGINNING JANUARY 1, 2014. REFER TO OCC RULE 165:10-3-10 FOR COMPLIANCE REQUIREMENTS. PLEASE REPORT DIRECTLY TO FRACFOCUS USING THE FOLLOWING LINK <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
SPACING - 609199	2/5/2015 - G91 - (UNIT) SE4 18-21N-8E EST CLEVELAND FIELD UNIT TOP 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.