

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

API NUMBER: 139 24584

Approval Date: 08/01/2013  
Expiration Date: 02/01/2014

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 5N Rge: 10ECM County: TEXAS

SPOT LOCATION:  NW  SE  SW  SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 426 989

Lease Name: STATE Well No: D3X Well will be 426 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

THE COMMISSIONERS OF THE LAND OFFICE OF THE  
STATE OF OKLAHOMA  
SUITE 1100W  
120 N ROBINSON  
OKC OK 73102

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

Name	Depth	Name	Depth
1 MORROW (PURDY)	4200	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 58200

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4600 Ground Elevation: 3650 **Surface Casing: 1700** Depth to base of Treatable Water-Bearing FM: 380

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: 8000 Average: 5000

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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: OGALLALA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

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
DEEP SURFACE CASING	8/1/2013 - G71 - 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
SPACING - 58200	8/1/2013 - G30 - (UNIT) 30-5N-10ECM EST STURGIS EAST PURDY SAND UNIT FOR MWPDY

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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