

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

API NUMBER: 085 21250

Approval Date: 11/18/2014
Expiration Date: 05/18/2015

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 6S Rge: 1W County: LOVE
SPOT LOCATION: SE SW SW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 2447 474

Lease Name: HDSU BANKS Well No: 15-8 Well will be 2166 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

RICKY BANKS
31 FAIRWAY DR
BURNEYVILLE OK 73430

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

Name	Depth	Name	Depth
1 DEESE	7800	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 553162

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 8100 Ground Elevation: 827 **Surface Casing: 950** Depth to base of Treatable Water-Bearing FM: 900

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: ANTLERS

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

DIRECTIONAL HOLE 1

Sec 08 Twp 6S Rge 1W County LOVE

Spot Location of End Point: S2 S2 SW NW

Feet From: NORTH 1/4 Section Line: 2600

Feet From: WEST 1/4 Section Line: 660

Measured Total Depth: 8150

True Vertical Depth: 8100

End Point Location from Lease,

Unit, or Property Line: 1980

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.

Category	Description
FRAC FOCUS	11/18/2014 - G76 - 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 HTTP://FRACFOCUS.ORG/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
SPACING - 553162	11/18/2014 - G76 - (UNIT) W2 8-6S-1W EST HIGHLANDS DEESE SAND UNIT FOR DEESS

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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.

API 085-21250



HIGHLANDS DEESE SAND UNIT

BANKS 15-8 SURFACE
& BOTTOM HOLE LOCATIONS

8-6S-1W, LOVE COUNTY, OK

WELL SYMBOLS

- Oil Well
- Plugged & Abandoned Oil Well
- Injection Well
- Proposed Producer

November 5, 2014

BANKS UNIT 1



BANKS 13-8



BANKS 12-8



BANKS 5-8

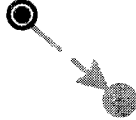


BANKS 2-8



Surface:
2,447' FNL & 474' FWL of NW/4
8-6S-1W

BANKS 15-8



BHL:
2,600' FNL & 660' FWL OF NW/4
8-6S-1W

BANKS 11-8

