

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

API NUMBER: 019 26114 A

Approval Date: 08/14/2014  
Expiration Date: 08/14/2015

Straight Hole Oil & Gas

Amend reason: OCC CORRECTION - ADD NEW SPACING

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 4S Rge: 1E

County: CARTER

SPOT LOCATION:  SW  SE  NW  NE

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1534 932

Lease Name: HAMMER

Well No: 1

Well will be 272 feet from nearest unit or lease boundary.

Operator Name: LAWS OPERATING CO LLC

Telephone: 5802208455

OTC/OCC Number: 23511 0

LAWS OPERATING CO LLC  
1515 WARD RD  
ARDMORE, OK 73401-1295

BOBBY F & CHERYL L CANTRELL  
676 CARDINAL RD.  
ARDMORE OK 73401

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

Name	Depth	Name	Depth
1 HOXBAR	700	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 631928

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 750

Ground Elevation: 878

Surface Casing: 0

Depth to base of Treatable Water-Bearing FM: 330

**Cement will be circulated from Total Depth to the Ground Surface on the Production Casing String.**

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: OSCAR

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. CBL REQUIRED

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
ALTERNATE CASING	8/5/2014 - G76 - APPROVED - COPY OF CBL NEEDS TO BE SUBMITTED TO THE TECHNICAL STAFF IMMEDIATELY. A COMPLETION ATTEMPT, IN CASES WHERE THE PROTECTION OF THE TREATABLE WATER IS QUESTIONABLE, IS STRICTLY PROHIBITED. RULE 165: 10-3-4 (D)(4)(C)
FRAC FOCUS	8/5/2014 - 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 <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 - 631928	1/30/2015 - G72 - (10) E2 W2 NE, W2 SE NE 05-04S-01E EST HXBR NCT 165 FB

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