

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

API NUMBER: 137 27073 A

Approval Date: 06/21/2013  
Expiration Date: 06/21/2014

Straight Hole Oil & Gas

Amend reason: CHANGE OPERATOR; CHANGE DEPTH; CHANGE WELL NUMBER; CHANGE SURFACE CASING

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 2S Rge: 4W County: STEPHENS  
SPOT LOCATION: C NW NW NW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 2310 330

Lease Name: EMMETT MASSEY Well No: 103 Well will be 330 feet from nearest unit or lease boundary.  
Operator Name: KODIAK OIL & GAS INC Telephone: 9407594001 OTC/OCC Number: 23226 0

KODIAK OIL & GAS INC  
204 N WALNUT ST  
MUNSTER, TX 76252-2766

HAROLD LAWRENCE  
PO BOX 4  
LOCO OK 73442

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

Name	Depth	Name	Depth
1 PONTOTOC	50	6	
2 HOXBAR	1200	7	
3 DEESE	1500	8	
4		9	
5		10	

Spacing Orders: 333486

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 2800

Ground Elevation: 967

Surface Casing: 0

Depth to base of Treatable Water-Bearing FM: 150

Cement will be circulated by use of a two-stage cementing tool from 250 to 0 .

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: WELLINGTON

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	12/13/2013 - G71 - APPROVED WITH THE FOLLOWING CONDITIONS: (1) MUD UP PRIOR TO TD TO PROTECT SHALLOW SANDS, (2) 2-STAGE CEMENTING TOOL TO BE SET AT 100' BELOW BTW, & (3) 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)
SPACING	6/21/2013 - G30 - PONTOTOC, HOXBAR, SPRINGER UNSPACED, 80 ACRE LEASE (N2 NW4)
SPACING - 333486	6/21/2013 - G30 - (10) N2 NW4 19-2S-4W EXT 106310 DEESS

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