

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

API NUMBER: 137 27511

Approval Date: 12/28/2017
Expiration Date: 06/28/2018

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 2S Rge: 5W County: STEPHENS
SPOT LOCATION: C SE SE SE FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 330 2310

Lease Name: SVPLDSU Well No: 105 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

CHARLES ALLEN WILSON SR.
RT. 1, BOX 55
LOCO OK 73442

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

Name	Depth	Name	Depth
1 DEESE LOWER	1500	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 40477

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 2900 Ground Elevation: 966 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: 1000 Average: 500

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	11/22/2017 - G71 - APPROVED WITH THE FOLLOWING CONDITIONS: 1) DRILLING FLUID WILL BE MUD PRIOR TO TOTAL DEPTH TO PROTECT SHALLOW SANDS; 2) TWO-STAGE CEMENTING TOOL TO BE SET NO DEEPER THAN 100' BELOW BTW; AND, 3) COPY OF CBL NEEDS TO BE SUBMITTED TO OCC TECHNICAL STAFF IMMEDIATELY. A COMPLETION ATTEMPT, IN CASES WHERE THE PROTECTION OF THE TREATABLE WATER IS QUESTIONABLE, IS STRICTLY PROHIBITED PER OCC 165:10-3-4(D)(4)(C)
HYDRAULIC FRACTURING	11/22/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE; 2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML ; AND, 3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG
SPACING - 40477	12/27/2017 - G75 - (UNIT) SE4 SE4 13-2S-5W EST SOUTH VELMA POOL LOWER DEESE SAND UNIT FOR DEESL