API NUMBER: 019 26532

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

Approval Date: 12/06/2022
Expiration Date: 06/06/2024

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 35 Township: 3S Range: 2W County: CARTER

SPOT LOCATION: NE SE SW NW FEET FROM QUARTER: FROM **NORTH** FROM **WEST**

SECTION LINES: **2145** **1155**

Lease Name: **AWU** **Well No:** **47** **Well will be** **1155** **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
MUENSTER, TX 76252-2766

MEL WALTERSCHEID
204 N WALNUT ST
MUENSTER TX 76252

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

	Name	Code	Depth
1	PERMIAN	459PRMN	300

Spacing Orders: 546134
555111

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 1100 Ground Elevation: 994 **Surface Casing: 0** Depth to base of Treatable Water-Bearing FM: 80

Alternate Casing Program

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: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 22-38742

H. (Other) CBL REQUIRED

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

NOTES:

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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	[11/30/2022 - GC2] - APPROVED; (1) COPY OF CBL NEEDS TO BE SUBMITTED TO THE TECHNICAL STAFF IMMEDIATELY & (2) SUBSEQUENT WELLS ON SAME PAD WILL NOT BE ALLOWED ALTERNATE SURFACE CASING IN THE EVENT OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING. 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).
HYDRAULIC FRACTURING	[11/30/2022 - GC2] - OCC 165:10-3-10 REQUIRES: 1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN; 2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS. FORM 6000NHF SHALL BE FOUND HERE: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS; AND, 3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG
SPACING – 546134	[12/6/2022 - GB6] - (UNIT) 34 & 35-3S-2W EST AMENDED WHEELER UNIT FOR THE PRMN SUPERSEDES 112299
SPACING – 555111	[12/6/2022 - GB6] - NPT 546134 TO CORRECT LEGAL DESCRIPTION OF UNITIZED AREA

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