

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

API NUMBER: 019 26415

Approval Date: 10/22/2020
Expiration Date: 04/22/2022

Straight Hole Oil & Gas

PERMIT TO DRILL

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

SPOT LOCATION: ☐ SE ☐ SE ☐ NE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 1485 2475

Lease Name: AWU Well No: 37 Well will be 1485 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

MEL WALTERSCHEID
204 NORTH WALNUT STREET
MUNSTER TX 76252

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

Name	Code	Depth
1 PERMIAN	459PRMN	300

Spacing Orders: 546134 Location Exception Orders: No Exceptions Increased Density Orders: No Density Orders
555111

Pending CD Numbers: No Pending Working interest owners' notified: *** Special Orders: No Special Orders

Total Depth: 1100 Ground Elevation: 985 Surface Casing: 0 Depth to base of Treatable Water-Bearing FM: 130

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: No

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 20-37435
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: GARBER

NOTES:

Category	Description
ALTERNATE CASING	[10/22/2020 - GB6] - APPROVED; (1) MUDDING UP PRIOR TO TD TO PROTECT SHALLOW SANDS & (2) 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)

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.



[REDACTED]

25.2. PIT INFORMATION:

- A. TYPE OF MUD SYSTEM: ☐ WATER BASED ☐ OIL BASED ☐ GAS BASED (AIR DRILL)
 B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.
 C. TYPE OF PIT SYSTEM: ☐ on-site ☐ off-site ☐ closed If off-site, specify location: ☐ Y ☐ N
 D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? ☐ Y ☐ N
 E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? ☐ Y ☐ N
 F. WELLHEAD PROTECTION AREA? ☐ Y ☐ N

Off-Site Pit No.

26.2. OCC USE ONLY A. CATEGORY ☐ 1A ☐ 1B ☐ 2 ☐ 3 ☐ 4 ☐ C Fm: _____

B. PIT LOCATION: ☐ Alluvial Plain ☐ Terrace Deposit ☐ Bedrock Aquifer ☐ Other H.S.A. ☐ Non-H.S.A.

C. Special area or field rule? ☐ ☐ D. DEEP SCA? ☐ Y ☐ N E. CBL? ☐ Y ☐ N

F. SOIL COMPACTED LINER REQUIRED? ☐ Y ☐ N G. 20 mil GEOMEMBRANE LINER REQUIRED ☐ Y ☐ N

29. Bottom Hole Location for Directional Hole: SEC _____ TWP _____ RGE _____ COUNTY _____

SPOT LOCATION: 1/4 _____ 1/4 _____ 1/4 _____ 1/4 _____ FEET FROM _____ SECTION: ☐ FN ☐ FL ☐ FSL ☐ FEL ☐ FWL

Measured Total Depth _____ True Vertical Depth _____ BHL from the nearest lease, unit, or property line: _____

30. Bottom Hole Location for Horizontal Hole (LATERALS) -- Fill in the information on laterals below:

LATERAL #1: SEC _____ TWP _____ RGE _____ COUNTY _____

SPOT LOCATION: 1/4 _____ 1/4 _____ 1/4 _____ 1/4 _____ FEET FROM _____ SECTION: ☐ FN ☐ FL ☐ FSL ☐ FEL ☐ FWL

Measured Total Depth _____ True Vertical Depth _____

Total Length _____ End Point location from nearest lease, unit or property line: _____

LATERAL #2: SEC _____ TWP _____ RGE _____ COUNTY _____

SPOT LOCATION: 1/4 _____ 1/4 _____ 1/4 _____ 1/4 _____ FEET FROM _____ SECTION: ☐ FN ☐ FL ☐ FSL ☐ FEL ☐ FWL

Measured Total Depth _____ True Vertical Depth _____

Total Length _____ End Point location from nearest lease, unit or property line: _____

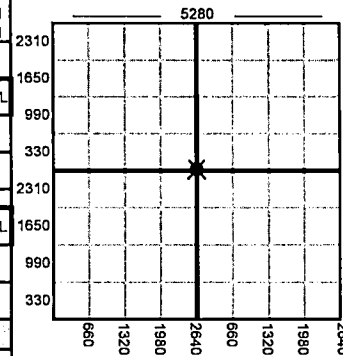
LATERAL #3: SEC _____ TWP _____ RGE _____ COUNTY _____

SPOT LOCATION: 1/4 _____ 1/4 _____ 1/4 _____ 1/4 _____ FEET FROM _____ SECTION: ☐ FN ☐ FL ☐ FSL ☐ FEL ☐ FWL

Measured Total Depth _____ True Vertical Depth _____

Total Length _____ End Point location from nearest lease, unit or property line: _____

(28.) Locate Bottom Hole



1. If more than two drainholes are proposed, attach separate sheet indicating the necessary information.
2. Direction must be stated in degrees azimuth.
3. Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.

31. AFFIDAVIT FOR ALTERNATIVE CASING PROGRAM

(Signature on front of this form attests to this affidavit)

1. This well ☒ WILL ☐ WILL NOT penetrate any known lost circulation zones.
2. During the drilling of this well, withdrawals from any water well within 1/4 mile ☐ WILL ☐ WILL NOT exceed 50 gallons per minute.
3. The projected depth of the well ☐ IS ☐ IS NOT less than 100 feet from the top of any enhanced recovery project or gas storage facility.
4. List the following for all water wells within 1/4 mile of this well. (Information concerning some water wells may be obtained from the OKLAHOMA WATER RESOURCES BOARD, 3800 N. Classen Blvd., Oklahoma City, OK 73118). IF NO WATER WELLS FOUND, SO STATE. (ATTACH ADDITIONAL SHEET IF NECESSARY)

Name of Owner/Operator _____ Address of Owner/Operator _____ Location (Nearest 1/4 1/4 1/4 1/4) _____ Depth of Well _____

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

5. A cement bond log is required to be run and submitted from not less than 100 feet below the base of the treatable water-bearing formation to the surface. OCC USE ONLY
6. If casing depth is more than 250 feet deeper than base of the treatable water-bearing formation, operator must submit a letter of request listing reasons and precautions to be taken.

SURETY: SD INTENT TO DRILL CHECKLIST OCC USE ONLY

☒ APPROVED REVIEWER INITIALS 10/22/20 ☐ NONE FILED 5/31/21

☐ REJECTED 10/22/20 ☐ EXPIRED DATE: 5/31/21

DATE REVIEWED _____ ☐ OUTSTANDING CONTEMPT ORDER NUMBER: _____

GEOLOGY: ☐ APPROVED REVIEWER INITIALS _____

☐ REJECTED _____

DATE REVIEWED: _____

OCC FEE SCHEDULE EFFECTIVE 10 1 2018

SELECT THE APPROPRIATE FEE	NORMAL OAC 165:5-3-1 (b)(1)(I)(i-iv)	EXPEDITED OAC 165:5-3-1 (b)(1)(J)(i-iv)	TEMPORARY OAC 165:5-3-1 (b)(1)(K)(i-iv)
DIRECTIONAL WELL	\$350	\$600	\$350
VERTICAL WELL	\$350	\$600	\$350
HORIZONTAL WELL	\$400	\$600	\$350
MULTIUNIT WELL	\$600	\$800	\$350

OKLAHOMA CITY MAILING ADDRESS:

Oklahoma Corporation Commission
 Attention: Central Processing
 P.O. Box 52000
 Oklahoma City, OK 73152-2000
 (checks or money orders only)

HAND-DELIVERY STREET ADDRESS:

The Jim Thorpe Office Building
 (Take to the Cashier on the First Floor)
 2101 N. Lincoln Blvd.
 Oklahoma City, OK 73105
 (cash, checks or money orders only)

Send questions about payments to: OCCRevenue@occ.ok.gov

ADDITIONAL SURFACE OWNERS

↓ RECEIPT NO. ↓

HYDRAULIC FRACTURING	<p>[10/22/2020 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>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</p>
SPACING – 546134	<p>[10/22/2020 - GB6] - (UNIT) 34 & 35-3S-2W EST AMENDED WHEELER UNIT FOR THE PRMN SUPERSEDES 112299</p>
SPACING – 555111	<p>[10/22/2020 - GB6] - NPT 546134 TO CORRECT LEGAL DESCRIPTION OF UNITIZED AREA</p>

Well Location Plat

M & M Land Surveying, Inc.

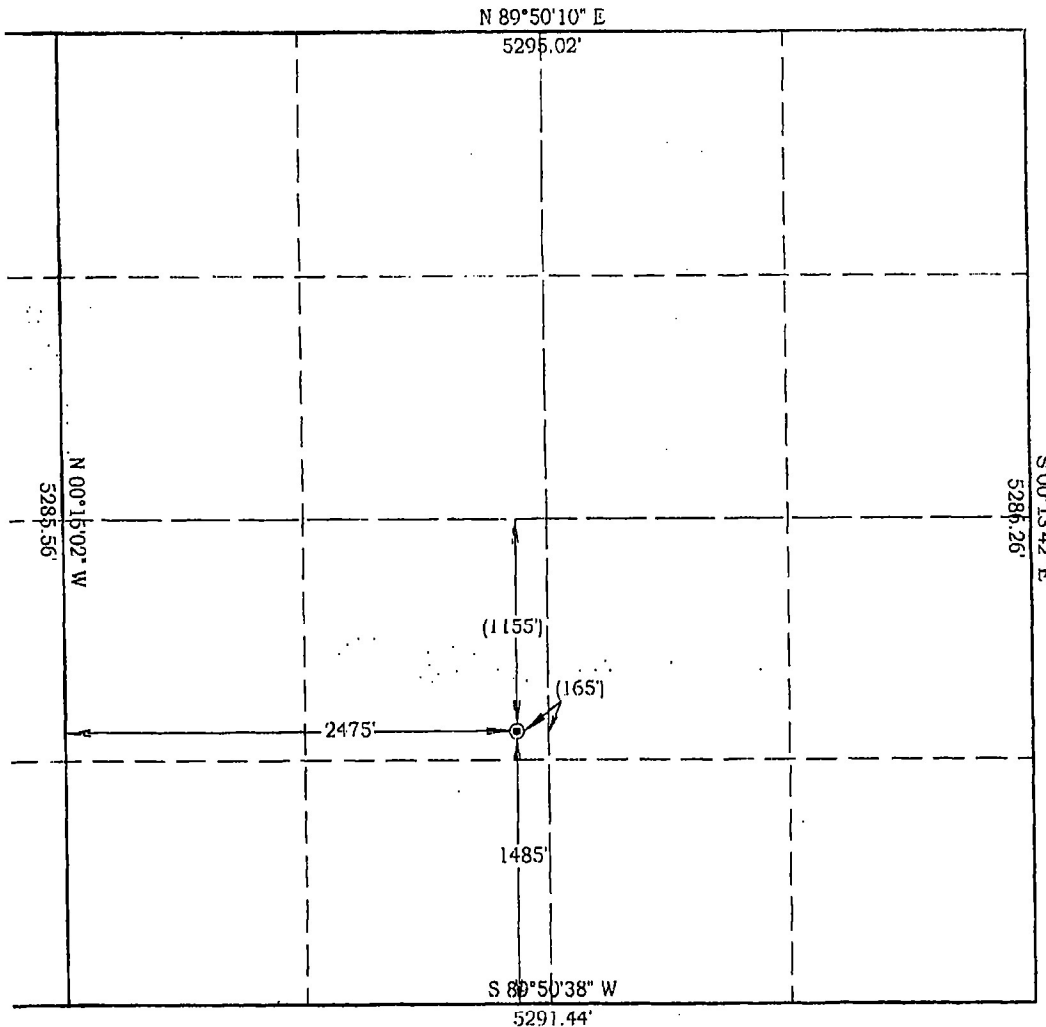
520 "E" Street NW. Ardmore, OK. 73401

Office 580-226-0446 Mobile 580-221-4999

Company Name: Kodiak Oil & Gas, Inc. Lease Name: AWU #37
Section 35 Township 3 South Range 2 West County Carter Oklahoma
Surface Location 1485' FSL - 2475' FWL Elevation 985' Good Location? Yes

Topography

Pasture



SCALE 1" = 1000'
0' 1000'

Job # 20099

Date 10/15/2020

NAD 83 OK South
Surface Location

Latitude: 34.249537°

Longitude: 97.378967°

N= 334,003'

E=2,156,172'

NAD 27 OK South
Surface Location

Latitude: 34.249445°

Longitude: 97.378668°

N= 333,960'

E=2,187,767'

Best Accessibility to Location
From the South or West.

Distance & Direction From The Intersection of Midway Road and Holiday Road is the Northwest Corner
of Section 35.
Highway or Town _____

CERTIFICATE:

I, D. Harry McClintick, a Registered Land Surveyor in the state of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown.

D. Harry McClintick
D. Harry McClintick, R.P.L.S. # 1367, CA # 3093

This location has been staked according to the best official survey records available to us, but its accuracy is not guaranteed. Please review this plat and notify us immediately of any discrepancy.

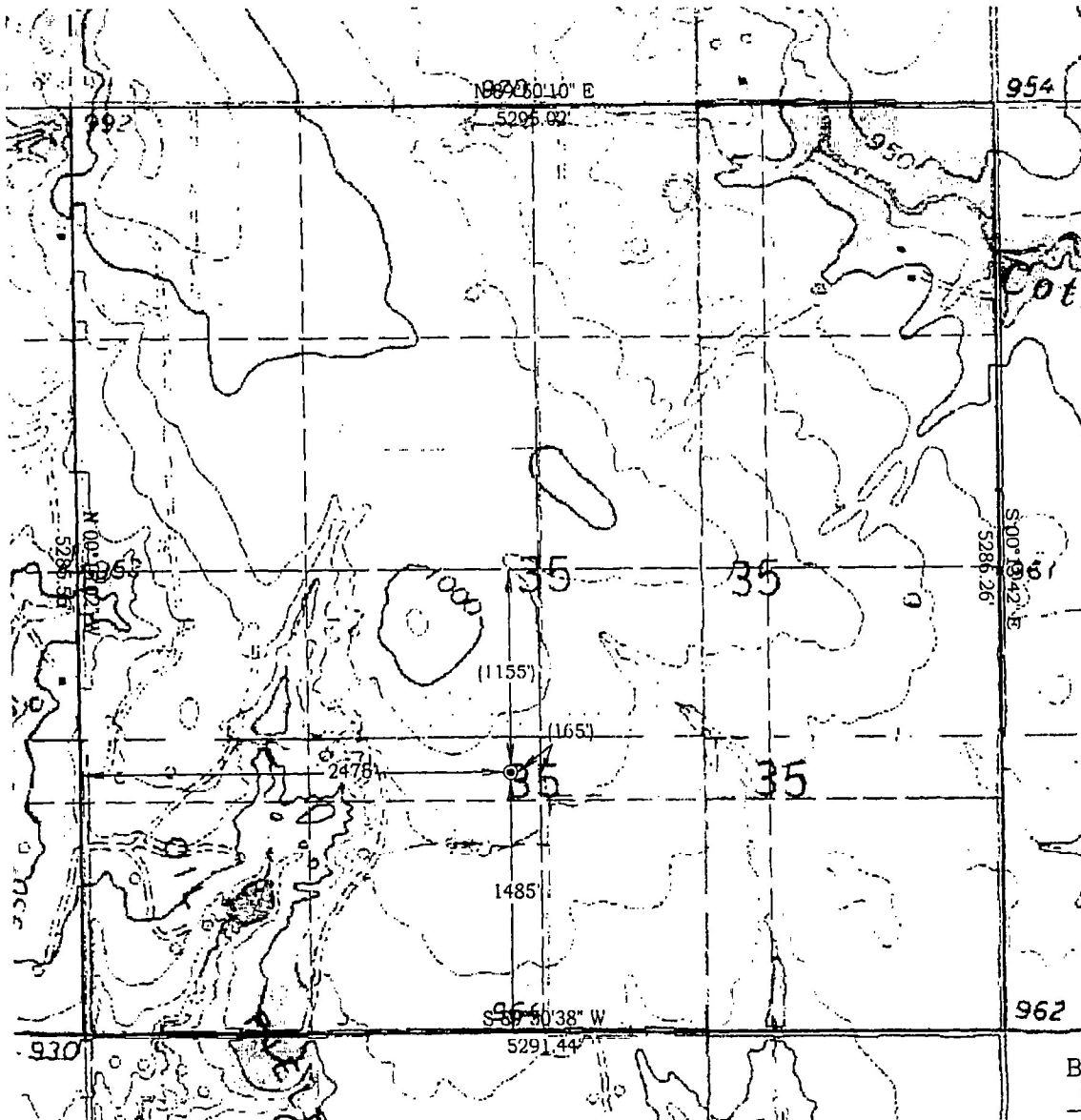
The distances shown in parenthesis () are calculated distances based on the quarter section being 2640' and have not been measured.



Office 580-226-0446 Mobile 580-221-4999


Topography

Pasture



Bearings are GRID NORTH

SCALE 1" = 1000'



A horizontal scale bar with a black and white alternating pattern. It is labeled '0'' at the left end and '1000'' at the right end.

Job # 20099
Date 10/15/2020

NAD 83 OK South

Surface Location

Latitude: 34.249537°

Longitude: 97.378967°

 $N = 334.003'$

E=2,156,172'

NAD_27 OK South

Surface Location

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