

API NUMBER: 049 25419 A

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

Approval Date: 04/19/2023

Expiration Date: 10/19/2024

Multi Unit Oil & Gas

Amend reason: CHANGE WELL NUMBER, BHL & UPDATE
ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 32 Township: 4N Range: 4W County: GARVIN

SPOT LOCATION: SE NE NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 541 1065

Lease Name: LILY Well No: 2-29-20GXH Well will be 541 feet from nearest unit or lease boundary.

Operator Name: RIMROCK RESOURCE OPERATING LLC Telephone: 9183014714 OTC/OCC Number: 23802 0

RIMROCK RESOURCE OPERATING LLC
20 E 5TH ST STE 1300
TULSA, OK 74103-4462

LIN REALTY, LLC
11056 E. CR 1540
LINDSAY OK 73052

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

Name	Code	Depth
1 GODDARD	401GDRD	12300

Spacing Orders: 731568
665486
732132

Location Exception Orders: 732133

Increased Density Orders: 731945
730430

Pending CD Numbers: No Pending

Working interest owners' notified: DNA

Special Orders: No Special

Total Depth: 20200

Ground Elevation: 1122

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 320

Deep surface casing has been approved

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: 23-38982

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: DUNCAN

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: DUNCAN

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.

MULTI UNIT HOLE 1

Section: 20	Township: 4N	Range: 4W	Meridian: IM	Total Length: 7000
County: GARVIN				Measured Total Depth: 20200
Spot Location of End Point: NE	SE	NE	SW	True Vertical Depth: 12500
Feet From: SOUTH	1/4 Section Line: 1720			End Point Location from
Feet From: WEST	1/4 Section Line: 2375			Lease, Unit, or Property Line: 1720

NOTES:

Category	Description
DEEP SURFACE CASING	[4/19/2023 - G56] - APPROVED; (1) NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING. (2) SUBSEQUENT WELLS ON SAME PAD WILL NOT BE ALLOWED DEEP SURFACE CASING IN THE EVENT OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING.
HYDRAULIC FRACTURING	[4/19/2023 - G56] - 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
INCREASED DENSITY - 730430	[4/27/2023 - G56] - (I.O.) 29-4N-4W X665486 GDRD 2 WELLS RIMROCK RESOURCE OP, LLC 12/8/2022
INCREASED DENSITY - 731945	[4/27/2023 - G56] - (I.O.) 20-4N-4W X731568 GDRD 2 WELLS RIMROCK RESOURCE OP, LLC 2/3/2023
LOCATION EXCEPTION - 732133	[4/27/2023 - G56] - (I.O.) 20 & 29-4N-4W X665486 GDRD 29-4N-4W X731568 GDRD 20-4N-4W COMPL INT (29-4N-4W) NCT 0' FNL, NCT 150' FSL, NCT 2640' FWL COMPL INT (20-4N-4W) NCT 0' FSL, NCT 150' FNL, NCT 2640' FWL RIMROCK RESOURCE OP, LLC 2/13/2023
MEMO	[4/19/2023 - G56] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 665486	[4/19/2023 - G56] - (640)(HOR) 29-4N-4W EST GDRD COMPL INT NLT 330' FB (COEXIST WITH SP # 294223 SPRG S2, NE4, # 342897 SPRG NW4)
SPACING - 731568	[4/19/2023 - G56] - (640)(HOR) 20-4N-4W EXT 665486 GDRD POE TO BHL NLT 330' FB
SPACING - 732132	[4/27/2023 - G56] - (I.O.) 20 & 29-4N-4W EST MULTIUNIT HORIZONTAL WELL X665486 GDRD 29-4N-4W X731568 GDRD 20-4N-4W 71% 29-4N-4W 29% 20-4N-4W RIMROCK RESOURCE OP, LLC 2/13/2023

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049 25419 LILY 2-29-20GXH