

API NUMBER: 017 25888

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

Approval Date: 11/22/2022
Expiration Date: 05/22/2024

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 05 Township: 12N Range: 7W County: CANADIAN

SPOT LOCATION: ☐ SE ☐ NE ☐ NW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2010 1090

Lease Name: BATTLE CRY 1207 5 08-17 Well No: 1MH Well will be 1090 feet from nearest unit or lease boundary.
Operator Name: REVOLUTION OPERATING COMPANY LLC Telephone: 4055345232 OTC/OCC Number: 24513 0

REVOLUTION OPERATING COMPANY LLC
14301 Caliber Dr Ste 110
Oklahoma City, OK 73134

HELEN F MINER
PO BOX 322
EL RENO OK 73036

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	10048

Spacing Orders: 723856 Location Exception Orders: 724507 Increased Density Orders: 724434
683787 724433
709998
724506

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 16836 Ground Elevation: 1338 Surface Casing: 1300 Depth to base of Treatable Water-Bearing FM: 310

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: 22-38696
H. (Other) SEE MEMO

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: CHICKASHA

PIT 2 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: CHICKASHA

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: 17	Township: 12N	Range: 7W	Meridian: IM	Total Length: 5873
County: CANADIAN				Measured Total Depth: 16836
Spot Location of End Point: NW SE NW NW				True Vertical Depth: 10048
Feet From: NORTH		1/4 Section Line: 949		End Point Location from
Feet From: WEST		1/4 Section Line: 670		Lease, Unit, or Property Line: 670

NOTES:

Category	Description
DEEP SURFACE CASING	[11/7/2022 - GC2] - 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	[11/7/2022 - 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
INCREASED DENSITY - 724433	[11/18/2022 - G56] - 17-12N-7W X683787/709998 MSSP 4 WELLS REVOLUTION OP CO, LLC 3/24/2022
INCREASED DENSITY - 724434	[11/18/2022 - G56] - (I.O.) 8-12N-7W X723856 MSSP 3 WELLS REVOLUTION OP CO, LLC 3/24/2022
LOCATION EXCEPTION - 724507	[11/18/2022 - G56] - (I.O.) 8 & 17-12N-7W X723856 MSSP 8-12N-7W X683787/709998 MSSP 17-12N-7W COMPL INT (17-12N-7W) NCT 0' FNL, NCT 330' FSL, NCT 660' FWL COMPL INT (8-12N-7W) NCT 0' FSL, NCT 165' FNL, NCT 660' FWL REVOLUTION OP CO, LLC 3/28/2022
MEMO	[11/7/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 683787	[11/18/2022 - G56] - (640)(HOR) 17-12N-7W EST MSSP, OTHERS COMPL INT NLT 660' FB (COEXIST WITH SP # 146122 & # 147489)
SPACING - 709998	[11/18/2022 - G56] - (640)(HOR) 17-12N-7W CONFIRM 683787 AS TO RESPONDENTS
SPACING - 723856	[11/18/2022 - G56] - (640)(HOR) 8-12N-7W VAC 146122 MSSP, OTHER VAC 147489 MSSP, OTHER EXT 660608 MSSP, OTHERS POE TO BHL NLT 660' FB
SPACING - 724506	[11/18/2022 - G56] - (I.O.) 8 & 17-12N-7W EST MULTIUNIT HORIZONTAL WELL X723856 MSSP 8-12N-7W X683787/709998 MSSP 17-12N-7W 23% 17-12N-7W 77% 8-12N-7W REVOLUTION OP CO, LLC 3/28/2022

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.

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