

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

API NUMBER: 153 00154 A

Approval Date: 01/16/2020  
Expiration Date: 07/16/2021

Straight Hole Disposal

PERMIT TO RE-ENTER

WELL LOCATION: Sec: 16 Twp: 24N Rge: 21W

County: WOODWARD

SPOT LOCATION: ☐ NW ☐ SE ☐ NE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1928 2016

Lease Name: FERGUSON SWD

Well No: 1

Well will be 1928 feet from nearest unit or lease boundary.

Operator  
Name: BMR II LLC

Telephone: 7206939470

OTC/OCC Number: 24173 0

BMR II LLC  
1202 BERGEN PKWY STE 212  
EVERGREEN, CO 80439-9559

CTL CORPORATION  
1124 E FOREST HILLS DRIVE  
PHOENIX AZ 85022

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

	Name	Depth	Name	Depth
1	PERMIAN	3190	6	
2	PENNSYLVANIAN	4060	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 8900

Ground Elevation: 1928

Surface Casing: 412 IP

Depth to base of Treatable Water-Bearing FM: 150

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 20-37209

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - NORTH CANADIAN/BEAVER RIVER)

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
HYDRAULIC FRACTURING	<p>1/15/2020 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
SPACING	1/15/2020 - G71 - N/A - DISPOSAL WELL

## TOPOGRAPHIC LAND SURVEYORS

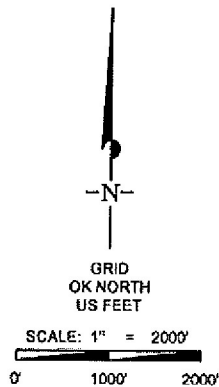
13800 Wireless Way, Okla City, OK 73134 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1292 LS

WOODWARD

COUNTY, OKLAHOMA

1928' FSL - 2016' FWL SECTION 16 TOWNSHIP 24N RANGE 21W I.M.



## SURFACE LOCATION

DATUM: NAD-27

LAT: 36°33'16.8" N

LONG: 99°27'15.4" W

LAT: 36.55485696° N

LONG: 99.45427144° W

STATE PLANE

COORDINATES: (US Feet)

ZONE: OK NORTH

X: 1572861

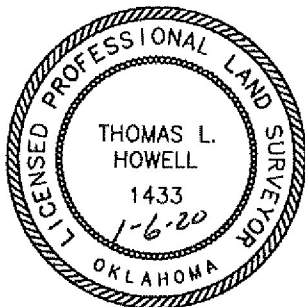
Y: 569117

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy

## CERTIFICATE:

I, Thomas L. Howell an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

Thomas L. Howell  
Oklahoma Reg. No. 1433



## NOTES:

- THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

OPERATOR: BMR, II LLC

LEASE NAME: WELL NO: FERGUSON SWD WELL NO: 1

TOPOGRAPHY &amp; VEGETATION Location fell on level pad ±99' SW of existing well

GOOD DRILL SITE? Yes REFERENCE STAKES OR ALTERNATE LOCATION STAKES SET: None

BEST ACCESSIBILITY TO LOCATION: From NE off lease road.

DISTANCE & DIRECTION: From Jct US Hwy. 412 E-W and St. Hwy. 34 North of Woodward, OK, go ±10.0 mi. North, then ±3.5 mi. West, then ±1.75 mi. South on trail road to the SW/4 of Sec 16-T24N-R21-W.

## ELEVATION:

1928' Gr. at Level Pad (NGVD29)

PROJECT # 132446

DATE OF DRAWING: JANUARY 3, 2020

DATE STAKED: DECEMBER 30, 2019

DRAWN BY: EAH

REVISION: 0

FILE NAME: LO ASHLAND FERGUSON 1

