

API NUMBER: 025 21083 B

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

Approval Date: 07/14/2021
Expiration Date: 01/14/2023

Straight Hole Oil & Gas

Amend reason: UPDATE SHL

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 07 Township: 5N Range: 8ECM County: CIMARRON

SPOT LOCATION: ☐ NE ☐ SW ☐ SE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 335 1900

Lease Name: BLACK MESA Well No: 7-1 Well will be 335 feet from nearest unit or lease boundary.
Operator Name: MARJO OPERATING MID-CONTINENT LLC Telephone: 9185830241; 9185830241 OTC/OCC Number: 23610 0

MARJO OPERATING MID-CONTINENT LLC
PO BOX 729
TULSA, OK 74101-0729

COMMISSIONERS OF THE LAND OFFICE
204 N. ROBINSON, SUITE 900
OKLAHOMA CITY OK 73102

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

	Name	Code	Depth
1	KANSAS CITY	405KSSC	3660
2	PURDY	402PRDY	4610

Spacing Orders: No Spacing

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: 5100 Ground Elevation: 3945

Surface Casing: 1600

Depth to base of Treatable Water-Bearing FM: 380

Deep surface casing has been approved

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. (Other)

1B MIN. SOIL COMPACTED PIT, NOTIFY DISTRICT
PRIOR TO TESTING SOIL PIT LINER

PIT 1 INFORMATION

Type of Pit System: ON SITE

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: 1B

Liner required for Category: 1B

Pit Location is: BED AQUIFER

Pit Location Formation: OGALLALA

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
DEEP SURFACE CASING	[7/7/2021 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	<p>[7/7/2021 - 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: OCCWEB.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	[7/13/2021 - G56] - FORMATIONS UNSPACED; 40-ACRE LEASE (SE4 SW4)

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00-05n-08e-2021
CRD NO.

00-05n-08ecm
DMT NO.

PRO-STAKE

Construction Site Staking

LLC

14822
INVOICE NO.



Marjo Operating Mid-Continent, LLC

OPERATOR

Cimarron County, OK

COUNTY

Bobcat Prospect (restake)

LEASE NAME

335' FSL - 1900' FWL

LOCATION SPOT

3944.9'

GR ELEVATION

36.908204076

NAD 83 LAT

102.238146952

NAD 83 LONG

SCALE: 1" = 1000'

DATE STAKED: September 9th, 2021

MEASURED BY: Pierce R.

DRAWN BY: Pierce R.

AUTHORIZED BY: Mark M.

DATE REVISED:

07 05n 08ecm
Sec. Twp. Rng.



LEGEND

- ⊙ irr. well
- ⊕ water hydrant
- ⊙ tank battery
- ⊙ staked loc.
- ⊙ prod. well / aband. well
- house
- building
- gas line
- W — water line
- E — transmission powerline
- 3 phase powerline
- single phase powerline
- x x x — fence
- gravel / sand rd.
- gravel trail / lease rd.
- dirt rd.
- dirt trail / lease rd.
- Hwy / blacktop rd.

DIRECTIONS: From Keyes, OK at the intersection of 430 Rd. & Hwy. 56/Santa Fe Ave. - Now go 6.5 miles North on 430 Rd. - Now follow curve and go approx. 0.5 mile East on E0070 Rd. to lease road North into - Now go approx. 335' North on lease road - Now go approx. 0.1 mile West, through pasture, into staked location

Final ingress must be verified with landowner or operator.

This drawing does not constitute a monumented survey or a land survey plat.

This drawing is for construction purposes only.

LANDOWNER/CONTACT: N/A

