

USA 1-8MR Plugging Procedure

SENE Section 8 T10S R99W 6 PM

Bronco Flats Field, Mesa County

COC13701

API #05-077-08415

June 2021

1. MIRU. Excavate surface casinghead and monitor during operations.
2. POOH with tubing. Set a 4½" CIBP at 6067'. Spot a minimum of 50' of cement on top of plug.
3. Pressure test the 4½" casing to 300 psig for 15 minutes. Contact Stephen Garcia (BLM) and Aaron Katz (COGCC) for additional plugging requirements if pressure test is unsuccessful.
4. Perforate the 4½" casing at 3067'.
5. Mix and pump 30 sacks of 15.6 ppg cement. Place 100' of cement in the 4½" X 7⅞" annulus from 3067' to 2967' and 100' inside the 4½" casing from 3067' to 2967'
6. Spot a 200' (16 sacks) 15.6 ppg cement balanced plug from 2027' to 1827'. This will place 100' of cement below and above the stage tool at 1927'.
7. Perforate the 4½" casing at 1114'.
8. Mix and pump 30 sacks of 15.6 ppg cement. Place 100' of cement in the 4½" X 7⅞" annulus from 1114' to 1014' and 100' inside the 4½" casing from 1114' to 1014'.
9. WOC. Tag the cement in the 4½". Spot additional cement if top is below 1014'.
10. Cut off 4½" casing at 250'. POOH laying down casing.
11. Mix and pump 21 sacks of 15.6 ppg cement. Place 50' of cement in the 4½" casing from 300' to 250' and a minimum of 50' above the 4½" casing from 250' to 200'.
12. WOC. Tag cement in 8 5/8". Spot additional cement if top is below 200'.
13. Perforate 8⅝" casing at 216'.
14. Mix and pump 70 sacks of 15.6 ppg cement. Place 50' of cement in the 8⅝" X 12 ¼" annulus (216' to 166'), 50' of cement in the 8⅝" X 13⅜" annulus (166' to 116') and 100' inside the 8⅝" casing (216' to 116').
15. Excavate and cut off casing 4' below grade.
16. Top out the 8⅝" and 8⅝" X 13⅜" annulus from 50' back to surface. Estimate 36 sacks of cement.
17. Weld a steel marker plate with weep hole onto the casing stub. The marker plate is to be inscribed with the following information:

Maralex Resources Inc/Vision Energy, LLC

USA 1-8MR

COC13701

SENE 8 10S 99W

0507708415

MARALEX RESOURCES, INC.

Operator # 53255

P & A Wellbore

WELL NAME	USA 1-8 MR		
LOCATION	SENE Sec 8 T10S R99W 6 PM		
GPS	39.204487	-108.458599	PDOP 2.4
GPS OPERATOR	M. Nastal	DATE	11/8/2010
FEDERAL LEASE No.	COC13701		
ELEVATION	6460'	KB	12'

FIELD	Bronco Flats
COUNTY	Mesa
API #	05-077-08415
FORMATION	Dakota (DKTA)
COGCC LOCATION ID	312509
COGCC FACILITY ID	221813

CASING

SURFACE

SIZE & WT	13 ³ / ₈ " 48#
SET @	166'
HOLE SIZE	17 ¹ / ₂ "
CEMENT	170 sxs
TOC @ surface	

INTERMEDIATE

SIZE & WT	8 ⁵ / ₈ " 24#
SET @	1064'
HOLE SIZE	12 ¹ / ₄ "
CEMENT	400 sxs
TOC @ 250' (Calculated)	

PRODUCTION

SIZE & WT	4 ¹ / ₂ " 10.5#
SET @	6546'
HOLE SIZE	7 ⁷ / ₈ "
CEMENT	1st stage: 250 sxs Calc TOC at 5328'
	2nd stage: 60 sxs Calc TOC at 1635'

STAGE TOOL

@ 1927'

PERFORATIONS

6117.5'-6128.5'	16 shots
6245'-6467'	12 shots

FORMATION TOPS

Cozzette	1590'
Corcoran	1814'
Dakota	6074'

