

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised April 3, 2017

1. WELL API NO.
30-025-43608
2. Type of Lease
 STATE FEE FED/INDIAN
3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:
 COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)
 C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)
5. Lease Name or Unit Agreement Name
GRAMA RIDGE 8 STATE
6. Well Number:
3H

7. Type of Completion:
 NEW WELL WORKOVER DEEPENING PLUGBACK DIFFERENT RESERVOIR OTHER

8. Name of Operator
Marathon Oil Permian LLC
9. OGRID
372098

10. Address of Operator
5555 San Felipe St., Houston, TX 77056
11. Pool name or Wildcat
GRAMA RIDGE; WOLF CAMP, WEST

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	8	22S	34E		150	FSL	695	FEL	LEA
BH:	A	8	22S	34E		332	FNL	990	FEL	LEA

13. Date Spudded
8/6/2017
14. Date T.D. Reached
8/21/2017
15. Date Rig Released
8/25/2017
16. Date Completed (Ready to Produce)
1/1/2018
17. Elevations (DF and RKB, RT, GR, etc.)
3548' GL
18. Total Measured Depth of Well
15,108'
19. Plug Back Measured Depth
20. Was Directional Survey Made?
YES
21. Type Electric and Other Logs Run
MUD GR

22. Producing Interval(s), of this completion - Top, Bottom, Name
Second Bone Spring

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5	1,723.0'	17 1/2"	1577 sks	768 sks
9 5/8"	40	5,126.0'	12 1/4"	1861	90
5 1/2"	20	15,099.0'	8 3/4"	2772	383

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD SIZE	DEPTH SET	PACKER SET
					2 7/8"	10492	10486

26. Perforation record (interval, size, and number)
10,515 - 15,005 ; 6 shots/ft; 0.36", 930 total shots
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL
10,515 - 15,005'
AMOUNT AND KIND MATERIAL USED
10,793,340 lbs - 30/50; 100 Mesh
845 bbls - HCl Acid

28. PRODUCTION

Date First Production
1/2/2018
Production Method (Flowing, gas lift, pumping - Size and type pump)
Flowing
Well Status (Prod. or Shut-in)
Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1/12/2018	24	64		697	1201	2168	

Flow Tubing Press. 0
Casing Pressure 415
Calculated 24-Hour Rate
Oil - Bbl.
Gas - MCF
Water - Bbl.
Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
sold
30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.
33. Rig Release Date:

34. If an on-site burial was used at the well, report the exact location of the on-site burial:

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief
Signature Jennifer Van Curen
Printed Name Jennifer Van Curen
Title Sr. Regulatory Compliance
Date 2/23/2018

E-mail Address jvancuren@marathonoil.com

Geological Tops
Grama Ridge 8 State 3H

Surface	0
Rustler	1632
Salado	1870
Base Salt	3641
Lamar	5048
Delaware Sands (Bell Canyon)	5071
Cherry Canyon	5972
Brushy Canyon	7101
FBSG Sand	9584
SBSG Sand	10126