

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-43607
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Marathon Oil Permian LLC		6. State Oil & Gas Lease No.
3. Address of Operator 5555 San Felipe St., Houston, TX 77056		7. Lease Name or Unit Agreement Name GRAMA RIDGE 8 STATE
4. Well Location Unit Letter <u>O</u> : <u>250</u> feet from the <u>SOUTH</u> line and <u>1965</u> feet from the <u>EAST</u> line Section <u>8</u> Township <u>22S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number <u>2H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,534' GL		9. OGRID Number 372098
		10. Pool name or Wildcat GRAMA RIDGE BONESPRING; WEST

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: Completions ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Started Frac Prep operations on 10/03/17 Completed well with hydraulic fracturing treatment and Plug and Perf operations. Total interval from 11,559-16,010' for a total of 930 shots. Turn well to flowback on 12/15/17. Casing pressure to 660 psi on 12/27/2017.

Marathon Oil Permian LLC is requesting a tubing exemption for this well.

Spud Date:

8/23/2017

Rig Release Date:

9/17/2017

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jennifer Van Curen TITLE Sr. Regulatory Compliance DATE 1/22/18
Type or print name Jennifer Van Curen E-mail address: jvancuren@marathonoil.com PHONE: 713-296-2500

For State Use Only

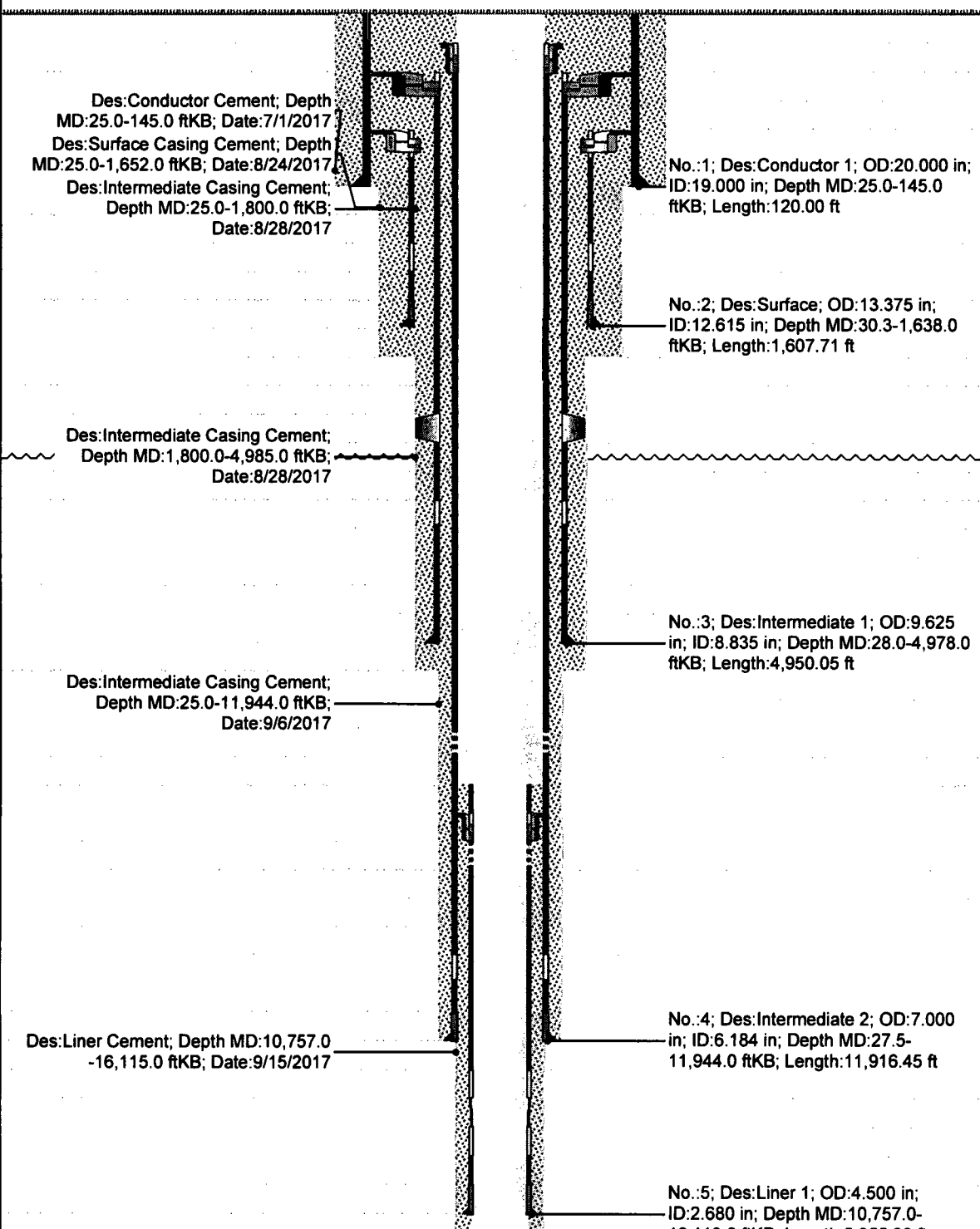
APPROVED BY: Karen Sharp TITLE Staff Mgr DATE 6-29-18
Conditions of Approval (if any):

Wellbore Schematic

Well Name: GRAMA RIDGE 8 STATE 2H

State/Province NEW MEXICO	Prospect Area RANGER	Field Name GRAMA RIDGE WEST	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.399453	Longitude (°) -103.489426
Well Configuration Type HORIZONTAL	Well Objective EXPLORATION	Well Status COMPLETION	Ground Elevation (ft) 3,534.00	KB-Ground Distance (ft) 25.00		

HORIZONTAL - GRAMA RIDGE 8 STATE 2H, 2/15/2018 1:04:28 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)	
24.9	24.9	0.6	 <p>Des: Conductor Cement; Depth MD: 25.0-145.0 ftKB; Date: 7/1/2017</p> <p>Des: Surface Casing Cement; Depth MD: 25.0-1,652.0 ftKB; Date: 8/24/2017</p> <p>Des: Intermediate Casing Cement; Depth MD: 25.0-1,800.0 ftKB; Date: 8/28/2017</p> <p>Des: Intermediate Casing Cement; Depth MD: 1,800.0-4,985.0 ftKB; Date: 8/28/2017</p> <p>Des: Intermediate Casing Cement; Depth MD: 25.0-11,944.0 ftKB; Date: 9/6/2017</p> <p>Des: Liner Cement; Depth MD: 10,757.0-16,115.0 ftKB; Date: 9/15/2017</p> <p>No.: 1; Des: Conductor 1; OD: 20.000 in; ID: 19.000 in; Depth MD: 25.0-145.0 ftKB; Length: 120.00 ft</p> <p>No.: 2; Des: Surface; OD: 13.375 in; ID: 12.615 in; Depth MD: 30.3-1,638.0 ftKB; Length: 1,607.71 ft</p> <p>No.: 3; Des: Intermediate 1; OD: 9.625 in; ID: 8.835 in; Depth MD: 28.0-4,978.0 ftKB; Length: 4,950.05 ft</p> <p>No.: 4; Des: Intermediate 2; OD: 7.000 in; ID: 6.184 in; Depth MD: 27.5-11,944.0 ftKB; Length: 11,916.45 ft</p> <p>No.: 5; Des: Liner 1; OD: 4.500 in; ID: 2.680 in; Depth MD: 10,757.0-16,113.0 ftKB; Length: 5,355.98 ft</p>	
27.6	27.6			
27.9	27.9	0.6		
29.2	29.2			
30.2	30.2	0.6		
32.2	32.2			
145.0	145.0	0.6		
1,108.6	1,108.4			
1,553.8	1,553.6	1.3		
1,555.1	1,554.9			
1,636.5	1,636.3	1.2		
1,638.1	1,637.9			
1,651.9	1,651.7	1.2		
1,799.9	1,799.6			
1,805.8	1,805.5	1.3		
1,833.0	1,832.7			
4,837.6	4,826.7	4.5		
4,884.5	4,873.5			
4,885.8	4,874.8	4.4		
4,897.6	4,886.6			
4,932.4	4,921.3	4.2		
4,976.4	4,965.1			
4,978.0	4,966.7	4.0		
4,984.9	4,973.6			
5,039.4	5,027.9	4.3		
10,704.1	10,685.5			
10,723.8	10,705.2	2.6		
10,756.9	10,738.3			
10,790.7	10,772.0	3.4		
10,811.7	10,793.0			
10,831.7	10,813.0	4.1		
11,383.9	11,297.1			
11,521.7	11,377.3	61.0		
11,652.7	11,483.4			
11,654.0	11,483.7	80.2		
11,942.3	11,492.7			
11,943.9	11,492.8	87.0		
16,023.6	11,644.6			
16,025.3	11,644.6	88.4		
16,067.3	11,645.8			
16,068.9	11,645.8	88.4		
16,111.2	11,647.0			
16,112.9	11,647.0	88.4		

Directions to Well: Take Highway 62/180 from Carlsbad, NM west toward Hobbs, NM to Highway 176. Go east on Highway 176 to mile marker 19. Turn south on lease road and drive 7.5 miles to a Y and stay to the left. Go 0.1 miles and turn left. Go 0.5 miles to Grama Ridge 8 State #3H location and turn right. Go 0.2 miles to Grama Ridge 8 State 2H/5H location.