

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Form C-103 August 1, 2011 Permit 336930 WELL API NUMBER 30-025-50619 5. Indicate Type of Lease State 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name GRAMA RIDGE 116 35 TB STATE COM													
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.)		7. Lease Name or Unit Agreement Name GRAMA RIDGE 116 35 TB STATE COM													
1. Type of Well: Oil		8. Well Number 302H													
2. Name of Operator MARATHON OIL PERMIAN LLC		9. OGRID Number 372098													
3. Address of Operator 990 Town & Country Blvd., Floor 11, Houston, TX 77024		10. Pool name or Wildcat													
4. Well Location Unit Letter <u>B</u> : <u>387</u> feet from the <u>N</u> line and feet <u>1590</u> from the <u>E</u> line Section <u>35</u> Township <u>21S</u> Range <u>34E</u> NMPM County <u>Lea</u>															
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3679 GR															
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>															
Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____															
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data															
NOTICE OF INTENTION TO:															
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>													
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE OF PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>													
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>													
Other: _____		Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/>													
SUBSEQUENT REPORT OF:															
		ALTER CASING <input type="checkbox"/>													
		PLUG AND ABANDON <input type="checkbox"/>													
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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. See Attached. See Attached <u>3/18/2023</u> Spudded well.															
Casing and Cement Program															
Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole
03/19/23	Surf	FreshWater	17.5	13.375	54.5	K55	0	1789	860	2.86	C				N
03/19/23	Surf	FreshWater	17.5	13.375	54.5	K55	1300	1789	280	1.32	C				N
03/30/23	Int1	Brine	12.25	9.625	40	P110	1927	5418	510	4.39	C		1500	30	N
03/30/23	Int1	Brine	12.25	9.625	40	P110	4298	5418	320	1.33	C		1500	30	N
03/30/23	Int1	Brine	12.25	9.625	40	P110	0	5418	340	4.39	C		1500	30	N
03/30/23	Int1	Brine	12.25	9.625	40	P110	1616	5418	100	1.33	C		1500	30	N
04/19/23	Prod	OilBasedMud	8.75	5.5	23	P110	0	21377	630	4.38	50/50 Poz		13000	0	N
04/19/23	Prod	OilBasedMud	8.75	5.5	23	P110	4084	21377	2600	1.49	H		13000	0	N
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .															
SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Regulatory Compliance Manger</u>	DATE	<u>8/30/2023</u>										
Type or print name	<u>Terri T Stathem</u>	E-mail address	<u>tstathem@marathonoil.com</u>	Telephone No.	<u>713-296-2113</u>										
For State Use Only:															
APPROVED BY:	<u>Matthew Gomez</u>	TITLE	_____	DATE	<u>7/22/2024 1:43:04 PM</u>										

Gramma Ridge 116 35 TB State Com 302H

API# 30-025-50619

3/16/2023 - Notified NMOCD on intent to spud.

3/18/2023 - Spud well. Drill 17-1/2" hole to 1782'.

3/19/2023 - Run 13-3/8", 54.5#, K55, BTC casing to 1766'. Cement casing with 860 sacks, 2.86 yield, Class C, lead cement, and 280 sacks, 1.32 yield, Class C, tail cement with 532 sacks of cement circulated to surface. Skid rig off.

3/24/2023 - Skid rig on. Test BOP. Pressure test surface casing to 1500 psi for 30 min, held, good test.

3/25/2023 - Drill cement, shoe track and 10' of new formation. Drill 12-1/4" hole to 5405'.

3/26/2023 - Run 9-5/8", 40#, P110, BTC casing to 5395'. DV tool set at 1937'.

3/27/2023 - Cement intermediate casing, Stage 1: 510 sacks, 4.39 yield, Class C of lead cement and 320 sacks, 1.33 yield, Class C, of tail cement with TOC calculated at 1927'. Stage 2: 340 sacks, 4.39 yield, Class C, lead cement and 100 sacks, 1.33 yield, Class C tail cement with 192 sacks of cement circulated to surface. Skid rig off.

3/30/2023 - Skid rig on. Test BOP. Pressure test intermediate casing to 1500 psi for 30 min, held, good test.

3/31/2023 – Drill shoe track, hard cement, and 10' of new formation. Drill 8-3/4" vertical to 10512'.

4/3/2023 – Drill 8-3/4" curve to 11441'.

4/8/2023 – Drill 8-3/4" lateral to 21369' (TD).

4/18/2023 – TD reached @ 21369'.

4/19/2023 – Run 5-1/2", 23#, P110, VTC casing to 21355'.

4/20/2023 – Cement production casing with 630 sacks, 4.38 yield, 50/50 Poz lead cement, and 2600 sacks, 1.49 yield, Class H, tail cement with 581 sacks of lead cement circulated back to surface.

4/21/2023 – Release rig. Move out.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 336930

COMMENTS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 336930
	Action Type: [C-103] EP Drilling / Cement

Comments

Created By	Comment	Comment Date
acovarrubias	Note: All depths provided are in MD (Surface = 0 ft). KB MD = 23 ft @ surface	4/12/2023
njlee	PLEASE DISREGARD PREVIOUS COMMENT	8/30/2023
njlee		8/30/2023
matthew.gomez	A CBL will be required for the intermediate string of casing.	7/22/2024