

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 366675 WELL API NUMBER 30-025-52328 5. Indicate Type of Lease State 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name HEFEWEIZEN 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.)																																																																																																		
1. Type of Well: Oil		8. Well Number 301H																																																																																																
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>A</u> : <u>247</u> feet from the <u>N</u> line and feet <u>1303</u> from the <u>E</u> line Section <u>30</u> Township <u>19S</u> Range <u>35E</u> NMPM County <u>Lea</u>																																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3786 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"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____ SUBSEQUENT REPORT OF: ALTER CASING <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> Other: <u>Drilling/Cement</u> <input checked="" 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. Please see attached for description of work See Attached 1/1/2024 Spudded well.																																																																																																		
Casing and Cement Program <table><tr><th>Date</th><th>String</th><th>Fluid Type</th><th>Hole Size</th><th>Csg Size</th><th>Weight lb/ft</th><th>Grade</th><th>Est TOC</th><th>Dpth Set</th><th>Sacks</th><th>Yield</th><th>Class</th><th>1" Dpth</th><th>Pres Held</th><th>Pres Drop</th><th>Open Hole</th></tr><tr><td>01/03/24</td><td>Surf</td><td>FreshWater</td><td>17.5</td><td>13.375</td><td>54.5</td><td>J55</td><td>0</td><td>1943</td><td>2521</td><td>1.33</td><td>C</td><td></td><td>1500</td><td>0</td><td>Y</td></tr><tr><td>01/19/24</td><td>Int1</td><td>Brine</td><td>12.25</td><td>9.625</td><td>40</td><td>P110</td><td>0</td><td>8865</td><td>952</td><td>3.91</td><td>C</td><td></td><td>4000</td><td>0</td><td>Y</td></tr><tr><td>01/19/24</td><td>Int1</td><td>Brine</td><td>12.25</td><td>9.625</td><td>40</td><td>P110</td><td>5016</td><td>8865</td><td>1054</td><td>1.14</td><td>C</td><td></td><td>4000</td><td>0</td><td>Y</td></tr><tr><td>03/15/24</td><td>Prod</td><td>OilBasedMud</td><td>8.5</td><td>5.5</td><td>23</td><td>P110</td><td>0</td><td>20779</td><td>1245</td><td>1.68</td><td>C</td><td></td><td>13000</td><td>0</td><td>Y</td></tr><tr><td>03/15/24</td><td>Prod</td><td>OilBasedMud</td><td>8.5</td><td>5.5</td><td>23</td><td>P110</td><td>5258</td><td>20779</td><td>2744</td><td>1.35</td><td>H</td><td></td><td>13000</td><td>0</td><td>Y</td></tr></table>			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	01/03/24	Surf	FreshWater	17.5	13.375	54.5	J55	0	1943	2521	1.33	C		1500	0	Y	01/19/24	Int1	Brine	12.25	9.625	40	P110	0	8865	952	3.91	C		4000	0	Y	01/19/24	Int1	Brine	12.25	9.625	40	P110	5016	8865	1054	1.14	C		4000	0	Y	03/15/24	Prod	OilBasedMud	8.5	5.5	23	P110	0	20779	1245	1.68	C		13000	0	Y	03/15/24	Prod	OilBasedMud	8.5	5.5	23	P110	5258	20779	2744	1.35	H		13000	0	Y
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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 NMOC 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>8/18/2024</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>Patricia L Martinez</u> TITLE _____ DATE <u>9/4/2024 9:02:36 AM</u>																																																																																																		

Hefeweizen State 301H_Description of Work

12/30/2023- Notification for Spud & to run casing

1/1-1/2/2024- Skid rig on. Drill 17 ½" surface T/1,955'. Run 13 3/8 surface casing, 54.5#, J-55, BTC T/1,943'

1/3- Cement surface casing by pumping 20 bbl's gel spacer, pump 2,521 sks, 1.33 yield, Class C, of cement 350 bbl's back to surface. Tested surface casing, 30 min test, 1500 psi, held, good test. Skid off.

1/11-Skid on

1/12-1/18- Drill 12 ¼" Intermediate casing T/8,865'. Run 9 5/8" Intermediate casing, 40#, P-110, BTC T/8,855'.

1/19- Cement intermediate casing by mixing and pumping 25 bbl's gel spacer. Pump 952 sks, 3.91 yield, Class C lead cement and 1054 sks, 1.14 yield, Class C tail cement. Full returns, 205 bbl's back to surface. Test casing to 4,000 psi for 30 min, held, good test. Skid rig off.

3/1-3/4- Skid rig on. Drill 8-3/4" production hole F/8,875' T/10,369'

3/5-3/14- Drill 8-1/2" production hole T/20,779', reached TD at 20,779' on 3/14

3/14-3/15-Run 5 1/2" production casing, 23#, P-110, VTC T/20,779'. Cement production casing with 50 bbl's of spacer, 1,245 sks, 1.68 yield, Class C lead cement and 2,744 sks, 1.35 yield, Class H tail cement. Full returns, 130 bbl's to surface.

3/16-Pressure test for pressure testing will be performed during completion. Release rig. RDMO

District I
1625 N. French Dr., Hobbs, NM 88240
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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

COMMENTS

Action 366675

COMMENTS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 366675
	Action Type: [C-103] EP Drilling / Cement

Comments

Created By	Comment	Comment Date
matthew.gomez	Production casing was set 226 feet deeper than the approved permit. Please submit a form C-103A with an explanation of setting depth.	7/25/2024
matthew.gomez	Production casing was set 226 feet deeper than the approved permit. Please submit a form C-103A with an explanation of setting depth.	7/25/2024