

Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us	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 355464 WELL API NUMBER 30-025-51127 5. Indicate Type of Lease State 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name MORPHEUS 25 36 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 005H																																																																																																																
2. Name of Operator 3R Operating, LLC		9. OGRID Number 331569																																																																																																																
3. Address of Operator 20405 State Highway 249, STE 820, Houston, TX 77070		10. Pool name or Wildcat																																																																																																																
4. Well Location Unit Letter <u>L</u> : <u>2540</u> feet from the <u>S</u> line and feet <u>1075</u> from the <u>W</u> line Section <u>25</u> Township <u>20S</u> Range <u>35E</u> NMPM County <u>Lea</u>																																																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3675 GR																																																																																																																		
Pit or Below-grade Tank Application ☐ or Closure ☐ 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 <table style="width:100%;"> <tr> <td colspan="2"> NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ Other: _____ </td> <td> SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTER CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐ CASING/CEMENT JOB ☐ Other: <u>Drilling/Cement</u> ☒ </td> </tr> </table>			NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ Other: _____		SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTER CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐ CASING/CEMENT JOB ☐ Other: <u>Drilling/Cement</u> ☒																																																																																																													
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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 11/6/2023 Spudded well.																																																																																																																		
Casing and Cement Program <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <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> </thead> <tbody> <tr> <td>11/07/23</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J-55</td> <td>0</td> <td>2002</td> <td>1010</td> <td>1.79</td> <td>C</td> <td>0</td> <td>2185</td> <td>0</td> <td>N</td> </tr> <tr> <td>11/07/23</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J-55</td> <td>0</td> <td>2002</td> <td>755</td> <td>1.33</td> <td>C</td> <td>0</td> <td>2185</td> <td>0</td> <td>N</td> </tr> <tr> <td>11/11/23</td> <td>Int1</td> <td>CutBrine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J-55</td> <td>0</td> <td>5842</td> <td>1135</td> <td>2.96</td> <td>C</td> <td>0</td> <td>3160</td> <td>0</td> <td>N</td> </tr> <tr> <td>11/11/23</td> <td>Int1</td> <td>CutBrine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J-55</td> <td>0</td> <td>5842</td> <td>705</td> <td>1.37</td> <td>C</td> <td>0</td> <td>3160</td> <td>0</td> <td>N</td> </tr> <tr> <td>11/24/23</td> <td>Prod</td> <td>OilBasedMud</td> <td>8.75</td> <td>5.5</td> <td>20</td> <td>P-110</td> <td>0</td> <td>16984</td> <td>290</td> <td>3.34</td> <td>H</td> <td>0</td> <td>0</td> <td>0</td> <td>N</td> </tr> <tr> <td>11/24/23</td> <td>Prod</td> <td>OilBasedMud</td> <td>8.75</td> <td>5.5</td> <td>20</td> <td>P-110</td> <td>0</td> <td>16984</td> <td>1615</td> <td>1.5</td> <td>H</td> <td>0</td> <td>0</td> <td>0</td> <td>N</td> </tr> </tbody> </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	11/07/23	Surf	FreshWater	17.5	13.375	54.5	J-55	0	2002	1010	1.79	C	0	2185	0	N	11/07/23	Surf	FreshWater	17.5	13.375	54.5	J-55	0	2002	755	1.33	C	0	2185	0	N	11/11/23	Int1	CutBrine	12.25	9.625	40	J-55	0	5842	1135	2.96	C	0	3160	0	N	11/11/23	Int1	CutBrine	12.25	9.625	40	J-55	0	5842	705	1.37	C	0	3160	0	N	11/24/23	Prod	OilBasedMud	8.75	5.5	20	P-110	0	16984	290	3.34	H	0	0	0	N	11/24/23	Prod	OilBasedMud	8.75	5.5	20	P-110	0	16984	1615	1.5	H	0	0	0	N
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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 NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐ .																																																																																																																		
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MORPHEUS 25 36 STATE COM 005H

11/3/2023 – NOTIFIED NMOCD OF INTENT TO SPUD

11/5/2023 – SPUD WELL

11/6/2023 – NOTIFIED NMOCD OF INTENT TO RUN & CMNT 13.375" SURFACE CASING

-DRILL 17.5" SURFACE HOLE TO 2025' MD

11/7/2023 - RUN 13.375", 54.5#, J-55 BTC CSG SET @ 2002' MD

-CEMENT 13.375" SURFACE CASING

LEAD – 321 BBLS (1010 SXS) CLASS C @ 1.79 YIELD

TAIL – 173 BBLS (755 SXS) CLASS C @ 1.33 YIELD

**CIRCULATED 163 BBLS (511 SXS) CEMENT TO SURFACE

-WOC 8 HOURS

-NOTIFIED NMOCD OF INTENT TO TEST BOPE

11/8/2023 - TEST CHOKE, RAMS, VALVES, PIPE; 250 LOW/5000 HIGH; 10 MIN EACH TEST; ALL GOOD TEST

-TEST ANNULAR; 250 LOW/2500 HIGH; 10 MIN; GOOD TEST

-TEST 13.375" SURFACE CASING; 2185 PSI; 30 MIN; GOOD TEST

11/10/2023 – NOTIFIED NMOCD OF INTENT TO RUN & CMNT 9.625" INTERMEDIATE CASING

-DRILL 12.25" INTERMEDIATE HOLE TO 5865' MD

11/11/2023 -RUN 138 JTS, 9.625", 40#, J-55 LTC CSG SET @ 5842' MD

– CEMENT 9.625" INTERMEDIATE CASING

LEAD – 598 BBLS (1135 SXS) CLASS C @ 2.96 YIELD

TAIL – 172 BBLS (705 SXS) CLASS C @ 1.37 YIELD

**CIRCULATED 330 BBLS (625 SXS) CEMENT TO SURFACE

-PRESSURE TEST INTERMEDIATE CASING TO 3160 PSI; 30 MIN; GOOD TEST

11/11-11/12/2023 - WOC 8 HOURS

11/22/2023 – DRILL 8.75" PROD HOLE TO 16,985' TD

11/23/2023 – NOTIFY NMOCD OF INTENT TO RUN & CMNT 5.5" PRODUCTION CASING

11/24/2023 – RUN 5.5", 20#, P-110 CSG SET @ 16,984' MD

– CMNT. 5.5" PRODUCTION CASING

LEAD – 173 BBLS (290 SXS) CLASS H @ 3.34 YIELD

TAIL – 431 BBLS (1615 SXS) CLASS H @ 1.5 YIELD

**CIRCULATED 56 BBLS (94 SXS) OBM TO SURFACE

11/25/2023 – RIG RELEASED

*PROD CASING PRESSURE TEST WILL BE CONDUCTED PRIOR TO COMPLETIONS OPERATIONS