

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 343816																																																																																																																																																
		WELL API NUMBER 30-025-50523																																																																																																																																																
		5. Indicate Type of Lease State																																																																																																																																																
		6. State Oil & Gas Lease No.																																																																																																																																																
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 OUTLAND STATE UNIT																																																																																																																																																
1. Type of Well: Oil		8. Well Number 013H																																																																																																																																																
2. Name of Operator Earthstone Operating, LLC		9. OGRID Number 331165																																																																																																																																																
3. Address of Operator 300 N. Marienfeld St Ste 1000, Attn: Regulatory, Midland, TX 79701		10. Pool name or Wildcat																																																																																																																																																
4. Well Location Unit Letter <u>M</u> : <u>195</u> feet from the <u>S</u> line and feet <u>1270</u> from the <u>W</u> line Section <u>11</u> Township <u>21S</u> Range <u>34E</u> NMPM County <u>Lea</u>																																																																																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3713 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 <table style="width:100%;"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>PERFORM REMEDIAL WORK <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> <td>REMEDIAL WORK <input type="checkbox"/></td> <td>ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>TEMPORARILY ABANDON <input type="checkbox"/></td> <td>CHANGE OF PLANS <input type="checkbox"/></td> <td>COMMENCE DRILLING OPNS. <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> </tr> <tr> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>MULTIPLE COMPL <input type="checkbox"/></td> <td>CASING/CEMENT JOB <input type="checkbox"/></td> <td></td> </tr> <tr> <td colspan="2">Other: _____</td> <td colspan="2">Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/></td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>	TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE OF PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDON <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"/>																																																																																																																													
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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 See Attached 2/26/2023 Spudded well.																																																																																																																																																		
Casing and Cement Program <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <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>02/27/23</td><td>Surf</td><td>FreshWater</td><td>14.75</td><td>10.75</td><td>45.5</td><td>L-80</td><td>0</td><td>1820</td><td>951</td><td>2.57</td><td>C</td><td>0</td><td>1500</td><td>0</td><td>N</td></tr> <tr><td>02/27/23</td><td>Surf</td><td>FreshWater</td><td>14.75</td><td>10.75</td><td>45.5</td><td>L-80</td><td>0</td><td>1820</td><td>295</td><td>1.34</td><td>C</td><td>0</td><td>1500</td><td>0</td><td>N</td></tr> <tr><td>05/31/23</td><td>Int1</td><td>CutBrine</td><td>9.875</td><td>8.625</td><td>32</td><td>L-80HC</td><td>3875</td><td>5844</td><td>550</td><td>3.08</td><td>C</td><td>0</td><td>1500</td><td>0</td><td>N</td></tr> <tr><td>05/31/23</td><td>Int1</td><td>CutBrine</td><td>9.875</td><td>8.625</td><td>32</td><td>L-80HC</td><td>3875</td><td>5844</td><td>85</td><td>1.32</td><td>H</td><td>0</td><td>1500</td><td>0</td><td>N</td></tr> <tr><td>05/31/23</td><td>Int1</td><td>CutBrine</td><td>9.875</td><td>8.625</td><td>32</td><td>L-80HC</td><td>0</td><td>5844</td><td>290</td><td>2.8</td><td>C</td><td>0</td><td>1500</td><td>0</td><td>N</td></tr> <tr><td>05/31/23</td><td>Int1</td><td>CutBrine</td><td>9.875</td><td>8.625</td><td>32</td><td>L-80HC</td><td>0</td><td>5844</td><td>100</td><td>1.32</td><td>H</td><td>0</td><td>1500</td><td>0</td><td>N</td></tr> <tr><td>06/08/23</td><td>Prod</td><td>OilBasedMud</td><td>7.875</td><td>5.5</td><td>20</td><td>P-110</td><td>0</td><td>17204</td><td>595</td><td>3.05</td><td>H</td><td>0</td><td>0</td><td>0</td><td>N</td></tr> <tr><td>06/08/23</td><td>Prod</td><td>OilBasedMud</td><td>7.875</td><td>5.5</td><td>20</td><td>P-110</td><td>0</td><td>17204</td><td>980</td><td>1.93</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	02/27/23	Surf	FreshWater	14.75	10.75	45.5	L-80	0	1820	951	2.57	C	0	1500	0	N	02/27/23	Surf	FreshWater	14.75	10.75	45.5	L-80	0	1820	295	1.34	C	0	1500	0	N	05/31/23	Int1	CutBrine	9.875	8.625	32	L-80HC	3875	5844	550	3.08	C	0	1500	0	N	05/31/23	Int1	CutBrine	9.875	8.625	32	L-80HC	3875	5844	85	1.32	H	0	1500	0	N	05/31/23	Int1	CutBrine	9.875	8.625	32	L-80HC	0	5844	290	2.8	C	0	1500	0	N	05/31/23	Int1	CutBrine	9.875	8.625	32	L-80HC	0	5844	100	1.32	H	0	1500	0	N	06/08/23	Prod	OilBasedMud	7.875	5.5	20	P-110	0	17204	595	3.05	H	0	0	0	N	06/08/23	Prod	OilBasedMud	7.875	5.5	20	P-110	0	17204	980	1.93	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 NMOC guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/>																																																																																																																																																		
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OUTLAND STATE UNIT 13H

02/25/2023-NOTIFIED NMOCD OF INTENT TO SPUD WELL

02/26/2023-SPUD WELL

02/27/2023- NOTIFIED NMOCD OF INTENT TO RUN & CMNT 10.75" SURFACE CASING

-DRILL 14.75" SURFACE HOLE TO 1820' MD

-RUN 46 JTS, 10.75", 45.5#, L-80 CSG SET @ 1820' MD

02/27-02/28/2023 - CMNT 10.75" SURFACE CASING WITH

LEAD: 951 SXS (435 BBLS) CLASS C @ 2.57 YIELD

TAIL: 295 SXS (70 BBLS) CLASS C @ 1.34 YIELD

-CIRCULATED 406 SXS (186 BBLS) CEMENT TO SURFACE

02/28/2023-PRESSURE TEST 10.75" SURFACE CASING TO 1500 PSI, 30 MIN; GOOD TEST

-WOC 8 HOURS

-RELEASE SPUDDER RIG & CEASE DRILLING OPERATIONS

05/29/2023-NOTIFIED NMOCD OF INTENT TO RESUME DRILLING OPERATIONS & TEST BOP

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

-TEST ANNULAR 250 LOW/3500 HIGH; 10 MIN; GOOD TEST

-BEGIN DRILLING 9.875" INTERMEDIATE HOLE

05/30/2023-NOTIFY NMOCD OF INTENT TO RUN & CMNT 8.625" INTERMEDIATE CASING

-DRILL 9.875" INTERMEDIATE HOLE TO 5875' MD

05/31/2023-RUN 137 JTS, 8.625", 32#, L-80 EHC CSG SET @ 5844' MD W/DV TOOL @ 3875' MD

05/31-06/01/2023-CMNT 8.625" INTERMEDIATE CASING FIRST STAGE

LEAD: 550 SXS (148 BBLS) CLASS C @ 3.08 YIELD

TAIL: 85 SXS (20 BBLS) CLASS H @ 1.32 YIELD

-PUMP 2ND STAGE CEMENT

LEAD: 290 SXS (144 BBLS) CLASS C @ 2.8 YIELD

TAIL: 100 SXS (23 BBLS) CLASS H @ 1.32 YIELD

-CIRCULATED 74 SXS (26 BBLS) CEMENT TO SURFACE

06/01/2023-PRESSURE TEST 8.625" INTERMEDIATE CASING TO 1500 PSI; 30 MIN; GOOD TEST

06/07/2023-DRILL 7.875" PRODUCTION HOLE TO 17,211' TMD/9,727' TVD

-NOTIFIED NMOCD OF INTENT TO RUN & CEMENT 5.5" PRODUCTION CASING

06/07-06/08/2023-RUN 428 JTS, 5.5", 20# P-110 CSG SET @ 17,204' MD

06/08/2023-CEMENT 5.5" PRODUCTION CASING

LEAD: 595 SXS (323 BBLS) CLASS H CMNT @ 3.05 YIELD

TAIL: 980 SXS (337 BBLS) CLASS H CMNT @ 1.93 YIELD

-CIRCULATED 203 SXS (110 BBLS) CEMENT TO SURFACE

*RIG RELEASED

Sante Fe Main Office
Phone: (505) 476-3441

General Information
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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 343816

COMMENTS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 343816
	Action Type: [C-103] EP Drilling / Cement

Comments

Created By	Comment	Comment Date
keith.dziokonski	• Report Pressure test for Production Casing on next Sundry	1/17/2025