

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 343868																																																																																																																																																
		WELL API NUMBER 30-025-49760																																																																																																																																																
		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 012H																																																																																																																																																
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>1300</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"/>																																																																																																																													
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"/>																																																																																																																																																
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 2/24/2023 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>02/25/23</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>1821</td> <td>510</td> <td>2.57</td> <td>C</td> <td>0</td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>02/25/23</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>1821</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>06/11/23</td> <td>Int1</td> <td>CutBrine</td> <td>9.875</td> <td>8.625</td> <td>32</td> <td>L-80HC</td> <td>3840</td> <td>5804</td> <td>450</td> <td>3.1</td> <td>C</td> <td>0</td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>06/11/23</td> <td>Int1</td> <td>CutBrine</td> <td>9.875</td> <td>8.625</td> <td>32</td> <td>L-80HC</td> <td>3840</td> <td>5804</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>06/11/23</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>5804</td> <td>587</td> <td>2.81</td> <td>C</td> <td>0</td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>06/11/23</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>5804</td> <td>242</td> <td>1.32</td> <td>H</td> <td>0</td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>06/24/23</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>18003</td> <td>660</td> <td>3.05</td> <td>H</td> <td>0</td> <td>0</td> <td>0</td> <td>N</td> </tr> <tr> <td>06/24/23</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>18003</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	02/25/23	Surf	FreshWater	14.75	10.75	45.5	L-80	0	1821	510	2.57	C	0	1500	0	N	02/25/23	Surf	FreshWater	14.75	10.75	45.5	L-80	0	1821	295	1.34	C	0	1500	0	N	06/11/23	Int1	CutBrine	9.875	8.625	32	L-80HC	3840	5804	450	3.1	C	0	1500	0	N	06/11/23	Int1	CutBrine	9.875	8.625	32	L-80HC	3840	5804	85	1.32	H	0	1500	0	N	06/11/23	Int1	CutBrine	9.875	8.625	32	L-80HC	0	5804	587	2.81	C	0	1500	0	N	06/11/23	Int1	CutBrine	9.875	8.625	32	L-80HC	0	5804	242	1.32	H	0	1500	0	N	06/24/23	Prod	OilBasedMud	7.875	5.5	20	P-110	0	18003	660	3.05	H	0	0	0	N	06/24/23	Prod	OilBasedMud	7.875	5.5	20	P-110	0	18003	980	1.93	H	0	0	0	N
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																																																																																																																																			
02/25/23	Surf	FreshWater	14.75	10.75	45.5	L-80	0	1821	510	2.57	C	0	1500	0	N																																																																																																																																			
02/25/23	Surf	FreshWater	14.75	10.75	45.5	L-80	0	1821	295	1.34	C	0	1500	0	N																																																																																																																																			
06/11/23	Int1	CutBrine	9.875	8.625	32	L-80HC	3840	5804	450	3.1	C	0	1500	0	N																																																																																																																																			
06/11/23	Int1	CutBrine	9.875	8.625	32	L-80HC	3840	5804	85	1.32	H	0	1500	0	N																																																																																																																																			
06/11/23	Int1	CutBrine	9.875	8.625	32	L-80HC	0	5804	587	2.81	C	0	1500	0	N																																																																																																																																			
06/11/23	Int1	CutBrine	9.875	8.625	32	L-80HC	0	5804	242	1.32	H	0	1500	0	N																																																																																																																																			
06/24/23	Prod	OilBasedMud	7.875	5.5	20	P-110	0	18003	660	3.05	H	0	0	0	N																																																																																																																																			
06/24/23	Prod	OilBasedMud	7.875	5.5	20	P-110	0	18003	980	1.93	H	0	0	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 NMOC guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .																																																																																																																																																		
<table style="width:100%;"> <tr> <td>SIGNATURE</td> <td><u>Electronically Signed</u></td> <td>TITLE</td> <td><u>Production Analyst Supervisor</u></td> <td>DATE</td> <td><u>6/28/2023</u></td> </tr> <tr> <td>Type or print name</td> <td><u>Charlotte Stilwell</u></td> <td>E-mail address</td> <td><u>charlotte@earthstoneenergy.com</u></td> <td>Telephone No.</td> <td><u>281-771-3065</u></td> </tr> </table>			SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Production Analyst Supervisor</u>	DATE	<u>6/28/2023</u>	Type or print name	<u>Charlotte Stilwell</u>	E-mail address	<u>charlotte@earthstoneenergy.com</u>	Telephone No.	<u>281-771-3065</u>																																																																																																																																				
SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Production Analyst Supervisor</u>	DATE	<u>6/28/2023</u>																																																																																																																																													
Type or print name	<u>Charlotte Stilwell</u>	E-mail address	<u>charlotte@earthstoneenergy.com</u>	Telephone No.	<u>281-771-3065</u>																																																																																																																																													
For State Use Only: <table style="width:100%;"> <tr> <td>APPROVED BY:</td> <td><u>Keith Dziokonski</u></td> <td>TITLE</td> <td><u>Petroleum Specialist A</u></td> <td>DATE</td> <td><u>1/17/2025 11:54:07 AM</u></td> </tr> </table>			APPROVED BY:	<u>Keith Dziokonski</u>	TITLE	<u>Petroleum Specialist A</u>	DATE	<u>1/17/2025 11:54:07 AM</u>																																																																																																																																										
APPROVED BY:	<u>Keith Dziokonski</u>	TITLE	<u>Petroleum Specialist A</u>	DATE	<u>1/17/2025 11:54:07 AM</u>																																																																																																																																													

OUTLAND STATE UNIT 12H

02/21/2023 - NOTIFIED NMOCD OF INTENT TO SPUD WELL

02/24/2023- SPUD WELL

02/25/2023-NOTIFIED NMOCD OF INTENT TO RUN & CEMENT 10.75" SURFACE CASING

-DRILL 14.75" SURFACE HOLE TO 1821' MD

-RUN 46 JTS, 10.75", 45.5#, L-80 BTC CSG SET @ 1821' MD

-CMNT 10.75" SURFACE CASING

LEAD: 510 SXS (233 BBLS) CLASS C @ 2.57 YIELD

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

-CIRCULATED 109 SXS (50 BBLS) CEMENT TO SURFACE

-PRESSURE TEST 10.75" PRODUCTION CASING TO 1500 PSI, 30 MIN, GOOD TEST

-WOC 8 HOURS

-DRILLING OPERATIONS SUSPENDED AND SPUDDER RIG RELEASED

06/08/2023 - NOTIFIED NMOCD OF INTENT TO RESUME DRILLING OPERATIONS AND TEST BOP

06/09/2023 - PRESSURE TEST CHOKE, RAMS, VALVES 250 LOW/5000 HIGH; 10 MIN EACH TEST; ALL GOOD TEST

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

06/10/2023 - DRILL 9.875" INTERMEDIATE HOLE TO 5819' MD

-NOTIFIED NMOCD VIA EMAIL OF INTENT TO RUN & CMNT INTERMEDIATE CASING

06/11/2023 - RUN 140 JTS, 8.625", 32#, L-80 EHC SET @ 5804' MD W/ DV TOOL @ 3840' MD

06/11-06/12/2023-CEMENT 8.625" INTERMEDIATE CASING

STAGE 1 - LEAD: 450 SXS (247 BBLS) CLASS C @ 3.10 YIELD

TAIL: 85 SXS (24 BBLS) CLASS H @ 1.32 YIELD

06/12/2023- DROP DV TOOL BOMB & OPEN DV TOOL

STAGE 2 - LEAD: 587 SXS (294 BBLS) CLASS C @ 2.81 YIELD

TAIL: 242 SXS (57 BBLS) CLASS H @ 1.32 YIELD

-CIRCULATED 209 SXS (104 BBLS) CEMENT TO SURFACE

-PRESSURE TEST 9.875" INTERMEDIATE CASING TO 1500 PSI; 30 MIN; GOOD TEST

-DRILL OUT 8.625" CASING SHOE; FORMATION AROUND SHOE WAS LEAKING

06/13/2023-DECISION MADE TO SET CEMENT PLUG TO TO SQUEEZE CEMENT

-RIH W/2.875" TBNG & PUMP 136 SXS (35 BBLS) CEMENT @ 1.32 YIELD

06/13 - 06/14/2023-WOC 8 HOURS

06/14/2023-DRILL OUT PLUG; CIRCULATE BOTTOMS UP & CONTINUE TO DRILL 7.875" VERTICAL HOLE

06/22/2023-DRILL 7.875" PROD HOLE TO 18,019'TMD / 10,514' TVD

06/23/2023 - NOTIFY NMOCD BY EMAIL OF INTENT TO RUN & CMNT 5.5" PRODUCTION CASING

06/23 - 06/24/2023-RUN 451 JTS, 5.5", 20# P-110 CSG SET @ 18,003' MD

06/24/2023 - CMNT 5.5" PRODUCTION CASING

LEAD: 660 SXS (539 BBLS) CLASS H @ 3.05 YIELD

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

-CIRCULATED 166 SXS (90 BBLS) CEMENT TO SURFACE

-RIG RELEASED @ 18:00 CST

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

COMMENTS

Action 343868

COMMENTS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 343868
	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