

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 273155 WELL API NUMBER 30-015-45372 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name FOREHAND RANCH NORTH 22 21 STATE 8. Well Number 004H 9. OGRID Number 249099 10. Pool name or Wildcat																																																																																																																																																																																																																																																																																																																
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: G																																																																																																																																																																																																																																																																																																																		
2. Name of Operator CAZA OPERATING, LLC																																																																																																																																																																																																																																																																																																																		
3. Address of Operator 200 N Loraine St, Suite 1550, Midland, TX 79701																																																																																																																																																																																																																																																																																																																		
4. Well Location Unit Letter <u>H</u> : <u>1440</u> feet from the <u>N</u> line and feet <u>250</u> from the <u>E</u> line Section <u>22</u> Township <u>23S</u> Range <u>27E</u> NMPM _____ County <u>Eddy</u>																																																																																																																																																																																																																																																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3140 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 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: ☐ ALTER CASING ☐ ☐ PLUG AND ABANDON ☐ Other: Perforations/Tubing ☒																																																																																																																																																																																																																																																																																																																		
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. 9/4/2019 - 9/26/2019 Perf, frac and run tubing Perforations Pool: PURPLE SAGE; WOLFCAMP (GAS) , 98220 Location: E -21-23S-27E 1694 N 270 W <table><tr><th>TOP</th><th>BOT</th><th>Open Hole</th><th>Shots/ft</th><th>Shot Size</th><th>Material</th><th>Stimulation</th><th>Amount</th></tr><tr><td>17177</td><td>18225</td><td>N</td><td>6</td><td>0.6</td><td>Sand</td><td>Frac</td><td>436494</td></tr><tr><td>18023</td><td>18134</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>449960</td></tr><tr><td>17866</td><td>17977</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448227</td></tr><tr><td>17713</td><td>17824</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>446573</td></tr><tr><td>17559</td><td>17670</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448833</td></tr><tr><td>17426</td><td>17534</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>493910</td></tr><tr><td>17267</td><td>17378</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448735</td></tr><tr><td>17115</td><td>17226</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>447617</td></tr><tr><td>16974</td><td>17085</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>432240</td></tr><tr><td>16838</td><td>16949</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448599</td></tr><tr><td>16702</td><td>16813</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448482</td></tr><tr><td>16569</td><td>16680</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>445080</td></tr><tr><td>16425</td><td>16536</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>445300</td></tr><tr><td>16259</td><td>16370</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>440970</td></tr><tr><td>16105</td><td>16216</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448120</td></tr><tr><td>15956</td><td>16067</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448800</td></tr><tr><td>15801</td><td>15912</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448800</td></tr><tr><td>15647</td><td>15758</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>446590</td></tr><tr><td>15485</td><td>15596</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448750</td></tr><tr><td>15321</td><td>15432</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>449410</td></tr><tr><td>15171</td><td>15282</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448700</td></tr><tr><td>15025</td><td>15136</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>430520</td></tr><tr><td>14865</td><td>14976</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>450510</td></tr><tr><td>14703</td><td>14814</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>451000</td></tr><tr><td>14451</td><td>14652</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448480</td></tr><tr><td>14396</td><td>14507</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>444080</td></tr><tr><td>14222</td><td>14333</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>256289</td></tr><tr><td>14074</td><td>14185</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448790</td></tr><tr><td>13919</td><td>14030</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>447700</td></tr><tr><td>13769</td><td>13880</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>449260</td></tr><tr><td>13620</td><td>13731</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448650</td></tr><tr><td>13439</td><td>13550</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>450840</td></tr><tr><td>13300</td><td>13411</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>446820</td></tr><tr><td>13149</td><td>13260</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448840</td></tr><tr><td>13005</td><td>13116</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>422300</td></tr><tr><td>12834</td><td>12945</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>14825</td></tr><tr><td>12674</td><td>12785</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>447360</td></tr></table>			TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount	17177	18225	N	6	0.6	Sand	Frac	436494	18023	18134	N	8	0.42	Sand	Frac	449960	17866	17977	N	8	0.42	Sand	Frac	448227	17713	17824	N	8	0.42	Sand	Frac	446573	17559	17670	N	8	0.42	Sand	Frac	448833	17426	17534	N	8	0.42	Sand	Frac	493910	17267	17378	N	8	0.42	Sand	Frac	448735	17115	17226	N	8	0.42	Sand	Frac	447617	16974	17085	N	8	0.42	Sand	Frac	432240	16838	16949	N	8	0.42	Sand	Frac	448599	16702	16813	N	8	0.42	Sand	Frac	448482	16569	16680	N	8	0.42	Sand	Frac	445080	16425	16536	N	8	0.42	Sand	Frac	445300	16259	16370	N	8	0.42	Sand	Frac	440970	16105	16216	N	8	0.42	Sand	Frac	448120	15956	16067	N	8	0.42	Sand	Frac	448800	15801	15912	N	8	0.42	Sand	Frac	448800	15647	15758	N	8	0.42	Sand	Frac	446590	15485	15596	N	8	0.42	Sand	Frac	448750	15321	15432	N	8	0.42	Sand	Frac	449410	15171	15282	N	8	0.42	Sand	Frac	448700	15025	15136	N	8	0.42	Sand	Frac	430520	14865	14976	N	8	0.42	Sand	Frac	450510	14703	14814	N	8	0.42	Sand	Frac	451000	14451	14652	N	8	0.42	Sand	Frac	448480	14396	14507	N	8	0.42	Sand	Frac	444080	14222	14333	N	8	0.42	Sand	Frac	256289	14074	14185	N	8	0.42	Sand	Frac	448790	13919	14030	N	8	0.42	Sand	Frac	447700	13769	13880	N	8	0.42	Sand	Frac	449260	13620	13731	N	8	0.42	Sand	Frac	448650	13439	13550	N	8	0.42	Sand	Frac	450840	13300	13411	N	8	0.42	Sand	Frac	446820	13149	13260	N	8	0.42	Sand	Frac	448840	13005	13116	N	8	0.42	Sand	Frac	422300	12834	12945	N	8	0.42	Sand	Frac	14825	12674	12785	N	8	0.42	Sand	Frac	447360
TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount																																																																																																																																																																																																																																																																																																											
17177	18225	N	6	0.6	Sand	Frac	436494																																																																																																																																																																																																																																																																																																											
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17866	17977	N	8	0.42	Sand	Frac	448227																																																																																																																																																																																																																																																																																																											
17713	17824	N	8	0.42	Sand	Frac	446573																																																																																																																																																																																																																																																																																																											
17559	17670	N	8	0.42	Sand	Frac	448833																																																																																																																																																																																																																																																																																																											
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17267	17378	N	8	0.42	Sand	Frac	448735																																																																																																																																																																																																																																																																																																											
17115	17226	N	8	0.42	Sand	Frac	447617																																																																																																																																																																																																																																																																																																											
16974	17085	N	8	0.42	Sand	Frac	432240																																																																																																																																																																																																																																																																																																											
16838	16949	N	8	0.42	Sand	Frac	448599																																																																																																																																																																																																																																																																																																											
16702	16813	N	8	0.42	Sand	Frac	448482																																																																																																																																																																																																																																																																																																											
16569	16680	N	8	0.42	Sand	Frac	445080																																																																																																																																																																																																																																																																																																											
16425	16536	N	8	0.42	Sand	Frac	445300																																																																																																																																																																																																																																																																																																											
16259	16370	N	8	0.42	Sand	Frac	440970																																																																																																																																																																																																																																																																																																											
16105	16216	N	8	0.42	Sand	Frac	448120																																																																																																																																																																																																																																																																																																											
15956	16067	N	8	0.42	Sand	Frac	448800																																																																																																																																																																																																																																																																																																											
15801	15912	N	8	0.42	Sand	Frac	448800																																																																																																																																																																																																																																																																																																											
15647	15758	N	8	0.42	Sand	Frac	446590																																																																																																																																																																																																																																																																																																											
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15321	15432	N	8	0.42	Sand	Frac	449410																																																																																																																																																																																																																																																																																																											
15171	15282	N	8	0.42	Sand	Frac	448700																																																																																																																																																																																																																																																																																																											
15025	15136	N	8	0.42	Sand	Frac	430520																																																																																																																																																																																																																																																																																																											
14865	14976	N	8	0.42	Sand	Frac	450510																																																																																																																																																																																																																																																																																																											
14703	14814	N	8	0.42	Sand	Frac	451000																																																																																																																																																																																																																																																																																																											
14451	14652	N	8	0.42	Sand	Frac	448480																																																																																																																																																																																																																																																																																																											
14396	14507	N	8	0.42	Sand	Frac	444080																																																																																																																																																																																																																																																																																																											
14222	14333	N	8	0.42	Sand	Frac	256289																																																																																																																																																																																																																																																																																																											
14074	14185	N	8	0.42	Sand	Frac	448790																																																																																																																																																																																																																																																																																																											
13919	14030	N	8	0.42	Sand	Frac	447700																																																																																																																																																																																																																																																																																																											
13769	13880	N	8	0.42	Sand	Frac	449260																																																																																																																																																																																																																																																																																																											
13620	13731	N	8	0.42	Sand	Frac	448650																																																																																																																																																																																																																																																																																																											
13439	13550	N	8	0.42	Sand	Frac	450840																																																																																																																																																																																																																																																																																																											
13300	13411	N	8	0.42	Sand	Frac	446820																																																																																																																																																																																																																																																																																																											
13149	13260	N	8	0.42	Sand	Frac	448840																																																																																																																																																																																																																																																																																																											
13005	13116	N	8	0.42	Sand	Frac	422300																																																																																																																																																																																																																																																																																																											
12834	12945	N	8	0.42	Sand	Frac	14825																																																																																																																																																																																																																																																																																																											
12674	12785	N	8	0.42	Sand	Frac	447360																																																																																																																																																																																																																																																																																																											

12511	12622	N	8	0.42	Sand	Frac	9000
12348	12459	N	8	0.42	Sand	Frac	452000
12177	12288	N	8	0.42	Sand	Frac	448700
12041	12152	N	8	0.42	Sand	Frac	446500
11909	12020	N	8	0.42	Sand	Frac	450360
11767	11878	N	8	0.42	Sand	Frac	8000
11629	11740	N	8	0.42	Sand	Frac	448060
11478	11589	N	8	0.42	Sand	Frac	450700
11332	11443	N	8	0.42	Sand	Frac	448900
11195	11306	N	8	0.42	Sand	Frac	450090
11044	11155	N	8	0.42	Sand	Frac	450740
10909	11020	N	8	0.42	Sand	Frac	453600
10774	10885	N	8	0.42	Sand	Frac	449500
10635	10746	N	8	0.42	Sand	Frac	451700
10490	10601	N	8	0.42	Sand	Frac	450220
10334	10455	N	8	0.42	Sand	Frac	449230
10184	10295	N	8	0.42	Sand	Frac	453800
10031	10142	N	8	0.42	Sand	Frac	448500
9878	9989	N	8	0.42	Sand	Frac	453060
9728	9839	N	8	0.42	Sand	Frac	450000
9567	9678	N	8	0.42	Sand	Frac	449200

Tubing

PURPLE SAGE;WOLFCAMP (GAS) , 98220

Tubing Size	Type	Depth Set	Packer Set
2.875	L80	8726	8726

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 ☐.

SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Engineer</u>	DATE	<u>10/8/2019</u>
Type or print name	<u>Steve Morris</u>	E-mail address	<u>steve.morris@morcoreengineering.com</u>	Telephone No.	<u>432-201-3031</u>

For State Use Only:

APPROVED BY:	<u>Raymond Podany</u>	TITLE	<u>Geologist</u>	DATE	<u>10/24/2019 1:31:00 PM</u>
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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

Permit 273155

TUBING COMMENTS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Permit Number: 273155
	Permit Type: Tubing

Comments

Created By	Comment	Comment Date
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There are no Comments for this Permit