

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 273114 WELL API NUMBER 30-015-44621 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 002H 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>1480</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 - 10/02/2019 Frac well, drill out plugs and run tubing.																																																																																																																																																																																																																																																																																																																		
Perforations Pool: PURPLE SAGE; WOLFCAMP (GAS) , 98220 Location: E -21-23S-27E 2306 N 330 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>19161</td><td>19187</td><td>N</td><td>12</td><td>0.6</td><td>Sand</td><td>Frac</td><td>436494</td></tr><tr><td>19017</td><td>19128</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>451340</td></tr><tr><td>18870</td><td>18981</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448480</td></tr><tr><td>18709</td><td>18820</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>432856</td></tr><tr><td>18555</td><td>18666</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448748</td></tr><tr><td>18417</td><td>18528</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448730</td></tr><tr><td>18270</td><td>18381</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>450965</td></tr><tr><td>18122</td><td>18233</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>447747</td></tr><tr><td>17968</td><td>18079</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>453049</td></tr><tr><td>17829</td><td>17940</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448650</td></tr><tr><td>17680</td><td>17791</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448700</td></tr><tr><td>17535</td><td>17646</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448720</td></tr><tr><td>17400</td><td>17511</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>452340</td></tr><tr><td>17242</td><td>17353</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>449370</td></tr><tr><td>17084</td><td>17195</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448720</td></tr><tr><td>16932</td><td>17043</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>451000</td></tr><tr><td>16774</td><td>16885</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>446360</td></tr><tr><td>16634</td><td>16745</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448760</td></tr><tr><td>16483</td><td>16594</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>449150</td></tr><tr><td>16325</td><td>16436</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448800</td></tr><tr><td>16165</td><td>16276</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>446260</td></tr><tr><td>16019</td><td>16130</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>449530</td></tr><tr><td>15870</td><td>15981</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>450580</td></tr><tr><td>15720</td><td>15831</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>449940</td></tr><tr><td>15556</td><td>15677</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>447420</td></tr><tr><td>15420</td><td>15531</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448550</td></tr><tr><td>15277</td><td>15388</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>447360</td></tr><tr><td>15125</td><td>15236</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448560</td></tr><tr><td>14973</td><td>15084</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448480</td></tr><tr><td>14817</td><td>14928</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>448436</td></tr><tr><td>14669</td><td>14780</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>450534</td></tr><tr><td>14522</td><td>14633</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>450160</td></tr><tr><td>14365</td><td>14476</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>447500</td></tr><tr><td>14214</td><td>14325</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>456910</td></tr><tr><td>14065</td><td>14176</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>411120</td></tr><tr><td>13906</td><td>14017</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>451555</td></tr><tr><td>13754</td><td>13865</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>452820</td></tr></table>			TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount	19161	19187	N	12	0.6	Sand	Frac	436494	19017	19128	N	8	0.42	Sand	Frac	451340	18870	18981	N	8	0.42	Sand	Frac	448480	18709	18820	N	8	0.42	Sand	Frac	432856	18555	18666	N	8	0.42	Sand	Frac	448748	18417	18528	N	8	0.42	Sand	Frac	448730	18270	18381	N	8	0.42	Sand	Frac	450965	18122	18233	N	8	0.42	Sand	Frac	447747	17968	18079	N	8	0.42	Sand	Frac	453049	17829	17940	N	8	0.42	Sand	Frac	448650	17680	17791	N	8	0.42	Sand	Frac	448700	17535	17646	N	8	0.42	Sand	Frac	448720	17400	17511	N	8	0.42	Sand	Frac	452340	17242	17353	N	8	0.42	Sand	Frac	449370	17084	17195	N	8	0.42	Sand	Frac	448720	16932	17043	N	8	0.42	Sand	Frac	451000	16774	16885	N	8	0.42	Sand	Frac	446360	16634	16745	N	8	0.42	Sand	Frac	448760	16483	16594	N	8	0.42	Sand	Frac	449150	16325	16436	N	8	0.42	Sand	Frac	448800	16165	16276	N	8	0.42	Sand	Frac	446260	16019	16130	N	8	0.42	Sand	Frac	449530	15870	15981	N	8	0.42	Sand	Frac	450580	15720	15831	N	8	0.42	Sand	Frac	449940	15556	15677	N	8	0.42	Sand	Frac	447420	15420	15531	N	8	0.42	Sand	Frac	448550	15277	15388	N	8	0.42	Sand	Frac	447360	15125	15236	N	8	0.42	Sand	Frac	448560	14973	15084	N	8	0.42	Sand	Frac	448480	14817	14928	N	8	0.42	Sand	Frac	448436	14669	14780	N	8	0.42	Sand	Frac	450534	14522	14633	N	8	0.42	Sand	Frac	450160	14365	14476	N	8	0.42	Sand	Frac	447500	14214	14325	N	8	0.42	Sand	Frac	456910	14065	14176	N	8	0.42	Sand	Frac	411120	13906	14017	N	8	0.42	Sand	Frac	451555	13754	13865	N	8	0.42	Sand	Frac	452820
TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount																																																																																																																																																																																																																																																																																																											
19161	19187	N	12	0.6	Sand	Frac	436494																																																																																																																																																																																																																																																																																																											
19017	19128	N	8	0.42	Sand	Frac	451340																																																																																																																																																																																																																																																																																																											
18870	18981	N	8	0.42	Sand	Frac	448480																																																																																																																																																																																																																																																																																																											
18709	18820	N	8	0.42	Sand	Frac	432856																																																																																																																																																																																																																																																																																																											
18555	18666	N	8	0.42	Sand	Frac	448748																																																																																																																																																																																																																																																																																																											
18417	18528	N	8	0.42	Sand	Frac	448730																																																																																																																																																																																																																																																																																																											
18270	18381	N	8	0.42	Sand	Frac	450965																																																																																																																																																																																																																																																																																																											
18122	18233	N	8	0.42	Sand	Frac	447747																																																																																																																																																																																																																																																																																																											
17968	18079	N	8	0.42	Sand	Frac	453049																																																																																																																																																																																																																																																																																																											
17829	17940	N	8	0.42	Sand	Frac	448650																																																																																																																																																																																																																																																																																																											
17680	17791	N	8	0.42	Sand	Frac	448700																																																																																																																																																																																																																																																																																																											
17535	17646	N	8	0.42	Sand	Frac	448720																																																																																																																																																																																																																																																																																																											
17400	17511	N	8	0.42	Sand	Frac	452340																																																																																																																																																																																																																																																																																																											
17242	17353	N	8	0.42	Sand	Frac	449370																																																																																																																																																																																																																																																																																																											
17084	17195	N	8	0.42	Sand	Frac	448720																																																																																																																																																																																																																																																																																																											
16932	17043	N	8	0.42	Sand	Frac	451000																																																																																																																																																																																																																																																																																																											
16774	16885	N	8	0.42	Sand	Frac	446360																																																																																																																																																																																																																																																																																																											
16634	16745	N	8	0.42	Sand	Frac	448760																																																																																																																																																																																																																																																																																																											
16483	16594	N	8	0.42	Sand	Frac	449150																																																																																																																																																																																																																																																																																																											
16325	16436	N	8	0.42	Sand	Frac	448800																																																																																																																																																																																																																																																																																																											
16165	16276	N	8	0.42	Sand	Frac	446260																																																																																																																																																																																																																																																																																																											
16019	16130	N	8	0.42	Sand	Frac	449530																																																																																																																																																																																																																																																																																																											
15870	15981	N	8	0.42	Sand	Frac	450580																																																																																																																																																																																																																																																																																																											
15720	15831	N	8	0.42	Sand	Frac	449940																																																																																																																																																																																																																																																																																																											
15556	15677	N	8	0.42	Sand	Frac	447420																																																																																																																																																																																																																																																																																																											
15420	15531	N	8	0.42	Sand	Frac	448550																																																																																																																																																																																																																																																																																																											
15277	15388	N	8	0.42	Sand	Frac	447360																																																																																																																																																																																																																																																																																																											
15125	15236	N	8	0.42	Sand	Frac	448560																																																																																																																																																																																																																																																																																																											
14973	15084	N	8	0.42	Sand	Frac	448480																																																																																																																																																																																																																																																																																																											
14817	14928	N	8	0.42	Sand	Frac	448436																																																																																																																																																																																																																																																																																																											
14669	14780	N	8	0.42	Sand	Frac	450534																																																																																																																																																																																																																																																																																																											
14522	14633	N	8	0.42	Sand	Frac	450160																																																																																																																																																																																																																																																																																																											
14365	14476	N	8	0.42	Sand	Frac	447500																																																																																																																																																																																																																																																																																																											
14214	14325	N	8	0.42	Sand	Frac	456910																																																																																																																																																																																																																																																																																																											
14065	14176	N	8	0.42	Sand	Frac	411120																																																																																																																																																																																																																																																																																																											
13906	14017	N	8	0.42	Sand	Frac	451555																																																																																																																																																																																																																																																																																																											
13754	13865	N	8	0.42	Sand	Frac	452820																																																																																																																																																																																																																																																																																																											

13609	13720	N	8	0.42	Sand	Frac	457650
13466	13577	N	8	0.42	Sand	Frac	455600
13307	13418	N	8	0.42	Sand	Frac	448200
13154	13265	N	8	0.42	Sand	Frac	450950
12997	13108	N	8	0.42	Sand	Frac	453340
12854	12965	N	8	0.42	Sand	Frac	453620
12705	12816	N	8	0.42	Sand	Frac	449000
12546	12657	N	8	0.42	Sand	Frac	458800
12401	12512	N	8	0.42	Sand	Frac	450480
12249	12360	N	8	0.42	Sand	Frac	450635
12093	12204	N	8	0.42	Sand	Frac	450900
11946	12057	N	8	0.42	Sand	Frac	450850
11785	11896	N	8	0.42	Sand	Frac	453600
11640	11751	N	8	0.42	Sand	Frac	450030
11477	11588	N	8	0.42	Sand	Frac	449750
11328	11439	N	8	0.42	Sand	Frac	451600
11185	11296	N	8	0.42	Sand	Frac	458100
11037	11148	N	8	0.42	Sand	Frac	446800
10893	11004	N	8	0.42	Sand	Frac	450030
10719	10830	N	8	0.42	Sand	Frac	451880
10548	10659	N	8	0.42	Sand	Frac	449700
10382	10493	N	8	0.42	Sand	Frac	450400
10227	10338	N	8	0.42	Sand	Frac	448400
10089	10200	N	8	0.42	Sand	Frac	446700
9940	10051	N	8	0.42	Sand	Frac	468420
9797	9908	N	8	0.42	Sand	Frac	465882
9646	9757	N	8	0.42	Sand	Frac	415658

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 2:52:30 PM</u>
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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

Comments

Permit 273114

TUBING COMMENTS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Permit Number: 273114
	Permit Type: Tubing

Comments

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