

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 269670 WELL API NUMBER 30-015-45363 5. Indicate Type of Lease P 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name ALISA OGDEN 15																																																																																																																																																																																																																																																																																																																
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		8. Well Number 004H																																																																																																																																																																																																																																																																																																																
2. Name of Operator CAZA OPERATING, LLC		9. OGRID Number 249099																																																																																																																																																																																																																																																																																																																
3. Address of Operator 200 N Loraine St, Suite 1550, Midland, TX 79701		10. Pool name or Wildcat																																																																																																																																																																																																																																																																																																																
4. Well Location Unit Letter <u>P</u> : <u>1270</u> feet from the <u>S</u> line and feet <u>258</u> from the <u>E</u> line Section <u>15</u> Township <u>23S</u> Range <u>27E</u> NMPM County <u>Eddy</u>																																																																																																																																																																																																																																																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3127 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: REMEDIAL WORK ☐ ALTER CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐ CASING/CEMENT JOB ☐ 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. 6/3/2019 - 06/15/2019 Perf and frac well																																																																																																																																																																																																																																																																																																																		
Perforations Pool: PURPLE SAGE; WOLFCAMP (GAS) , 98220 Location: L -15-23S-27E 2233 S 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>13844</td><td>13848</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>28750</td></tr><tr><td>13877</td><td>13881</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>28750</td></tr><tr><td>13910</td><td>13914</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>28750</td></tr><tr><td>13943</td><td>13947</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>28750</td></tr><tr><td>13963</td><td>13967</td><td>N</td><td>6</td><td>0.6</td><td>Sand</td><td>Frac</td><td>96000</td></tr><tr><td>13986</td><td>13990</td><td>N</td><td>6</td><td>0.6</td><td>Sand</td><td>Frac</td><td>96000</td></tr><tr><td>13573</td><td>13577</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>76500</td></tr><tr><td>13606</td><td>13610</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>76500</td></tr><tr><td>13639</td><td>13643</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>76500</td></tr><tr><td>13672</td><td>13676</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>76500</td></tr><tr><td>13705</td><td>13709</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>37500</td></tr><tr><td>13738</td><td>13742</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>37500</td></tr><tr><td>13771</td><td>13775</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>37500</td></tr><tr><td>13804</td><td>13808</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>37500</td></tr><tr><td>13301</td><td>13305</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>78500</td></tr><tr><td>13334</td><td>13338</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>78500</td></tr><tr><td>13367</td><td>13371</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>78500</td></tr><tr><td>13400</td><td>13404</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>78500</td></tr><tr><td>13444</td><td>13448</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>69000</td></tr><tr><td>13477</td><td>13481</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>69000</td></tr><tr><td>13510</td><td>13514</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>69000</td></tr><tr><td>13543</td><td>13547</td><td>N</td><td>8</td><td>0.42</td><td>Sand</td><td>Frac</td><td>69000</td></tr><tr><td>13169</td><td>13173</td><td>N</td><td>8</td><td>0.51</td><td>Sand</td><td>Frac</td><td>76000</td></tr><tr><td>13202</td><td>13206</td><td>N</td><td>8</td><td>0.51</td><td>Sand</td><td>Frac</td><td>76000</td></tr><tr><td>13235</td><td>13239</td><td>N</td><td>8</td><td>0.51</td><td>Sand</td><td>Frac</td><td>76000</td></tr><tr><td>13268</td><td>13272</td><td>N</td><td>8</td><td>0.51</td><td>Sand</td><td>Frac</td><td>76000</td></tr><tr><td>12748</td><td>12752</td><td>N</td><td>8</td><td>0.51</td><td>Sand</td><td>Frac</td><td>95000</td></tr><tr><td>12781</td><td>12785</td><td>N</td><td>8</td><td>0.51</td><td>Sand</td><td>Frac</td><td>95000</td></tr><tr><td>12814</td><td>12818</td><td>N</td><td>8</td><td>0.51</td><td>Sand</td><td>Frac</td><td>95000</td></tr><tr><td>12847</td><td>12851</td><td>N</td><td>8</td><td>0.51</td><td>Sand</td><td>Frac</td><td>95000</td></tr><tr><td>12887</td><td>12891</td><td>N</td><td>8</td><td>0.51</td><td>Sand</td><td>Frac</td><td>93000</td></tr><tr><td>12920</td><td>12924</td><td>N</td><td>8</td><td>0.51</td><td>Sand</td><td>Frac</td><td>93000</td></tr><tr><td>12953</td><td>12957</td><td>N</td><td>8</td><td>0.51</td><td>Sand</td><td>Frac</td><td>93000</td></tr><tr><td>12986</td><td>12990</td><td>N</td><td>8</td><td>0.51</td><td>Sand</td><td>Frac</td><td>93000</td></tr><tr><td>13036</td><td>13040</td><td>N</td><td>8</td><td>0.51</td><td>Sand</td><td>Frac</td><td>94250</td></tr><tr><td>13069</td><td>13073</td><td>N</td><td>8</td><td>0.51</td><td>Sand</td><td>Frac</td><td>94250</td></tr><tr><td>13102</td><td>13106</td><td>N</td><td>8</td><td>0.51</td><td>Sand</td><td>Frac</td><td>94250</td></tr></table>			TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount	13844	13848	N	8	0.42	Sand	Frac	28750	13877	13881	N	8	0.42	Sand	Frac	28750	13910	13914	N	8	0.42	Sand	Frac	28750	13943	13947	N	8	0.42	Sand	Frac	28750	13963	13967	N	6	0.6	Sand	Frac	96000	13986	13990	N	6	0.6	Sand	Frac	96000	13573	13577	N	8	0.42	Sand	Frac	76500	13606	13610	N	8	0.42	Sand	Frac	76500	13639	13643	N	8	0.42	Sand	Frac	76500	13672	13676	N	8	0.42	Sand	Frac	76500	13705	13709	N	8	0.42	Sand	Frac	37500	13738	13742	N	8	0.42	Sand	Frac	37500	13771	13775	N	8	0.42	Sand	Frac	37500	13804	13808	N	8	0.42	Sand	Frac	37500	13301	13305	N	8	0.42	Sand	Frac	78500	13334	13338	N	8	0.42	Sand	Frac	78500	13367	13371	N	8	0.42	Sand	Frac	78500	13400	13404	N	8	0.42	Sand	Frac	78500	13444	13448	N	8	0.42	Sand	Frac	69000	13477	13481	N	8	0.42	Sand	Frac	69000	13510	13514	N	8	0.42	Sand	Frac	69000	13543	13547	N	8	0.42	Sand	Frac	69000	13169	13173	N	8	0.51	Sand	Frac	76000	13202	13206	N	8	0.51	Sand	Frac	76000	13235	13239	N	8	0.51	Sand	Frac	76000	13268	13272	N	8	0.51	Sand	Frac	76000	12748	12752	N	8	0.51	Sand	Frac	95000	12781	12785	N	8	0.51	Sand	Frac	95000	12814	12818	N	8	0.51	Sand	Frac	95000	12847	12851	N	8	0.51	Sand	Frac	95000	12887	12891	N	8	0.51	Sand	Frac	93000	12920	12924	N	8	0.51	Sand	Frac	93000	12953	12957	N	8	0.51	Sand	Frac	93000	12986	12990	N	8	0.51	Sand	Frac	93000	13036	13040	N	8	0.51	Sand	Frac	94250	13069	13073	N	8	0.51	Sand	Frac	94250	13102	13106	N	8	0.51	Sand	Frac	94250
TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount																																																																																																																																																																																																																																																																																																											
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13943	13947	N	8	0.42	Sand	Frac	28750																																																																																																																																																																																																																																																																																																											
13963	13967	N	6	0.6	Sand	Frac	96000																																																																																																																																																																																																																																																																																																											
13986	13990	N	6	0.6	Sand	Frac	96000																																																																																																																																																																																																																																																																																																											
13573	13577	N	8	0.42	Sand	Frac	76500																																																																																																																																																																																																																																																																																																											
13606	13610	N	8	0.42	Sand	Frac	76500																																																																																																																																																																																																																																																																																																											
13639	13643	N	8	0.42	Sand	Frac	76500																																																																																																																																																																																																																																																																																																											
13672	13676	N	8	0.42	Sand	Frac	76500																																																																																																																																																																																																																																																																																																											
13705	13709	N	8	0.42	Sand	Frac	37500																																																																																																																																																																																																																																																																																																											
13738	13742	N	8	0.42	Sand	Frac	37500																																																																																																																																																																																																																																																																																																											
13771	13775	N	8	0.42	Sand	Frac	37500																																																																																																																																																																																																																																																																																																											
13804	13808	N	8	0.42	Sand	Frac	37500																																																																																																																																																																																																																																																																																																											
13301	13305	N	8	0.42	Sand	Frac	78500																																																																																																																																																																																																																																																																																																											
13334	13338	N	8	0.42	Sand	Frac	78500																																																																																																																																																																																																																																																																																																											
13367	13371	N	8	0.42	Sand	Frac	78500																																																																																																																																																																																																																																																																																																											
13400	13404	N	8	0.42	Sand	Frac	78500																																																																																																																																																																																																																																																																																																											
13444	13448	N	8	0.42	Sand	Frac	69000																																																																																																																																																																																																																																																																																																											
13477	13481	N	8	0.42	Sand	Frac	69000																																																																																																																																																																																																																																																																																																											
13510	13514	N	8	0.42	Sand	Frac	69000																																																																																																																																																																																																																																																																																																											
13543	13547	N	8	0.42	Sand	Frac	69000																																																																																																																																																																																																																																																																																																											
13169	13173	N	8	0.51	Sand	Frac	76000																																																																																																																																																																																																																																																																																																											
13202	13206	N	8	0.51	Sand	Frac	76000																																																																																																																																																																																																																																																																																																											
13235	13239	N	8	0.51	Sand	Frac	76000																																																																																																																																																																																																																																																																																																											
13268	13272	N	8	0.51	Sand	Frac	76000																																																																																																																																																																																																																																																																																																											
12748	12752	N	8	0.51	Sand	Frac	95000																																																																																																																																																																																																																																																																																																											
12781	12785	N	8	0.51	Sand	Frac	95000																																																																																																																																																																																																																																																																																																											
12814	12818	N	8	0.51	Sand	Frac	95000																																																																																																																																																																																																																																																																																																											
12847	12851	N	8	0.51	Sand	Frac	95000																																																																																																																																																																																																																																																																																																											
12887	12891	N	8	0.51	Sand	Frac	93000																																																																																																																																																																																																																																																																																																											
12920	12924	N	8	0.51	Sand	Frac	93000																																																																																																																																																																																																																																																																																																											
12953	12957	N	8	0.51	Sand	Frac	93000																																																																																																																																																																																																																																																																																																											
12986	12990	N	8	0.51	Sand	Frac	93000																																																																																																																																																																																																																																																																																																											
13036	13040	N	8	0.51	Sand	Frac	94250																																																																																																																																																																																																																																																																																																											
13069	13073	N	8	0.51	Sand	Frac	94250																																																																																																																																																																																																																																																																																																											
13102	13106	N	8	0.51	Sand	Frac	94250																																																																																																																																																																																																																																																																																																											

13135	13139	N	8	0.51	Sand	Frac	94250
12226	12230	N	8	0.51	Sand	Frac	94000
12259	12263	N	8	0.51	Sand	Frac	94000
12292	12296	N	8	0.51	Sand	Frac	94000
12325	12329	N	8	0.51	Sand	Frac	94000
12354	12358	N	8	0.51	Sand	Frac	98250
12387	12391	N	8	0.51	Sand	Frac	98250
12420	12424	N	8	0.51	Sand	Frac	98250
12453	12457	N	8	0.51	Sand	Frac	98250
12476	12480	N	8	0.51	Sand	Frac	98500
12509	12513	N	8	0.51	Sand	Frac	98500
12542	12546	N	8	0.51	Sand	Frac	98500
12575	12579	N	8	0.51	Sand	Frac	98500
12617	12621	N	8	0.51	Sand	Frac	99250
12650	12654	N	8	0.51	Sand	Frac	99250
12683	12687	N	8	0.51	Sand	Frac	99250
12716	12720	N	8	0.51	Sand	Frac	99250
11844	11848	N	8	0.51	Sand	Frac	92000
11877	11881	N	8	0.51	Sand	Frac	92000
11910	11914	N	8	0.51	Sand	Frac	92000
11943	11947	N	8	0.51	Sand	Frac	9200
11972	11976	N	8	0.51	Sand	Frac	92000
12500	12504	N	8	0.51	Sand	Frac	92000
12038	12042	N	8	0.51	Sand	Frac	92000
12071	12075	N	8	0.51	Sand	Frac	92000
12098	12102	N	8	0.51	Sand	Frac	99250
12131	12135	N	8	0.51	Sand	Frac	99250
12164	12168	N	8	0.51	Sand	Frac	99250
12197	12201	N	8	0.51	Sand	Frac	99250
11585	11589	N	8	0.51	Sand	Frac	95000
11618	11622	N	8	0.51	Sand	Frac	95000
11651	11655	N	8	0.51	Sand	Frac	95000
11684	11688	N	8	0.51	Sand	Frac	95000
11719	11723	N	8	0.51	Sand	Frac	80750
11752	11756	N	8	0.51	Sand	Frac	80750
11785	11789	N	8	0.51	Sand	Frac	80750
11818	11822	N	8	0.51	Sand	Frac	80750
11168	11172	N	8	0.51	Sand	Frac	95250
11201	11205	N	8	0.51	Sand	Frac	95250
11234	11238	N	8	0.51	Sand	Frac	95250
11267	11271	N	8	0.51	Sand	Frac	95250
11302	11306	N	8	0.51	Sand	Frac	92500
11335	11339	N	8	0.51	Sand	Frac	92500
11368	11372	N	8	0.51	Sand	Frac	92500
11401	11405	N	8	0.51	Sand	Frac	92500
11447	11451	N	8	0.51	Sand	Frac	93250
11480	11484	N	8	0.51	Sand	Frac	93250
11513	11517	N	8	0.51	Sand	Frac	93250
11546	11550	N	8	0.51	Sand	Frac	93250
10617	10621	N	8	0.51	Sand	Frac	100500
10650	10654	N	8	0.51	Sand	Frac	100500
10683	10687	N	8	0.51	Sand	Frac	100500
10716	10720	N	8	0.51	Sand	Frac	100500
10753	10757	N	8	0.51	Sand	Frac	93000
10786	10790	N	8	0.51	Sand	Frac	93000
10819	10823	N	8	0.51	Sand	Frac	93000
10852	10856	N	8	0.51	Sand	Frac	93000
10881	10885	N	8	0.51	Sand	Frac	90000
10914	10918	N	8	0.51	Sand	Frac	90000
10947	10951	N	8	0.51	Sand	Frac	90000
10980	10984	N	8	0.51	Sand	Frac	90000
11020	11024	N	8	0.51	Sand	Frac	92500
11053	11057	N	8	0.51	Sand	Frac	92500
11086	11090	N	8	0.51	Sand	Frac	92500
11119	11123	N	8	0.51	Sand	Frac	92500
10353	10357	N	8	0.51	Sand	Frac	99000
10386	13090	N	8	0.51	Sand	Frac	99000
10419	10423	N	8	0.51	Sand	Frac	99000
10452	10456	N	8	0.51	Sand	Frac	99000
10491	10495	N	8	0.51	Sand	Frac	99500
10524	10528	N	8	0.51	Sand	Frac	99500
10557	10561	N	8	0.51	Sand	Frac	99500
10590	10594	N	8	0.51	Sand	Frac	99500
9943	9947	N	8	0.51	Sand	Frac	2000
9976	9980	N	8	0.51	Sand	Frac	2000
10009	10013	N	8	0.51	Sand	Frac	2000
10042	10046	N	8	0.51	Sand	Frac	2000
10077	10081	N	8	0.51	Sand	Frac	100000
10110	10114	N	8	0.51	Sand	Frac	100000

10143	10147	N	8	0.51	Sand	Frac	100000
10176	10180	N	8	0.51	Sand	Frac	100000
10213	10217	N	8	0.51	Sand	Frac	101000
10246	10250	N	8	0.51	Sand	Frac	101000
10279	10283	N	8	0.51	Sand	Frac	101000
10312	10316	N	8	0.51	Sand	Frac	101000
9414	9418	N	8	0.51	Sand	Frac	100000
9447	9451	N	8	0.51	Sand	Frac	100000
9480	9484	N	8	0.51	Sand	Frac	100000
9513	9517	N	8	0.51	Sand	Frac	100000
9541	9545	N	8	0.51	Sand	Frac	101250
9574	9578	N	8	0.51	Sand	Frac	101250
9607	9611	N	8	0.51	Sand	Frac	101250
9640	9644	N	8	0.51	Sand	Frac	101250
9681	9685	N	8	0.51	Sand	Frac	101750
9714	9718	N	8	0.51	Sand	Frac	101750
9747	9451	N	8	0.51	Sand	Frac	101750
9780	9784	N	8	0.51	Sand	Frac	101750

Tubing

PURPLE SAGE;WOLFCAMP (GAS) , 98220

Tubing Size	Type	Depth Set	Packer Set
2.875	L80	8843	8834

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 ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Engineer</u>	DATE	<u>7/12/2019</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>7/12/2019 8:09:29 AM</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 269670

TUBING COMMENTS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Permit Number: 269670
	Permit Type: Tubing

Comments

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