

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 252598 <hr/> WELL API NUMBER 30-025-43627 <hr/> 5. Indicate Type of Lease S <hr/> 6. State Oil & Gas Lease No. <hr/> 7. Lease Name or Unit Agreement Name DAGGER STATE COM																																																																																																																																
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: O		8. Well Number 505H																																																																																																																																
2. Name of Operator ADVANCE ENERGY PARTNERS HAT MESA, LLC		9. OGRID Number 372417																																																																																																																																
3. Address of Operator 11490 Westheimer Rd. Ste 950, Houston, TX 77077		10. Pool name or Wildcat																																																																																																																																
4. Well Location Unit Letter <u>H</u> : <u>1610</u> feet from the <u>N</u> line and feet <u>545</u> from the <u>E</u> line Section <u>30</u> Township <u>21S</u> Range <u>33E</u> NMPM _____ County <u>Lea</u>																																																																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3781 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 <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____ </div> <div style="width: 45%;"> SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/> </div> </div>																																																																																																																																		
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. Intermediate casing and cement Casing and Cement Program <table border="1" style="width:100%; border-collapse: collapse; font-size: small;"> <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>04/29/18</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J55</td> <td>1276</td> <td>1596</td> <td>230</td> <td>1.33</td> <td>C</td> <td>0</td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>04/29/18</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J55</td> <td>0</td> <td>1596</td> <td>780</td> <td>1.73</td> <td>C</td> <td>0</td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>05/03/18</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>HCL80</td> <td>4243</td> <td>5304</td> <td>315</td> <td>1.33</td> <td>C</td> <td>0</td> <td>1350</td> <td>1350</td> <td>N</td> </tr> <tr> <td>05/03/18</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>HCL80</td> <td>3691</td> <td>5304</td> <td>225</td> <td>2.28</td> <td>C</td> <td>0</td> <td>1350</td> <td>1350</td> <td>N</td> </tr> <tr> <td>05/03/18</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>3478</td> <td>3903</td> <td>100</td> <td>1.33</td> <td>C</td> <td>0</td> <td>1350</td> <td>1350</td> <td>N</td> </tr> <tr> <td>05/03/18</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>1750</td> <td>3903</td> <td>680</td> <td>3.62</td> <td>C</td> <td>0</td> <td>1350</td> <td>1350</td> <td>N</td> </tr> <tr> <td>05/03/18</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>0</td> <td>3903</td> <td>535</td> <td>1.32</td> <td>C</td> <td>0</td> <td>1350</td> <td>1350</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	04/29/18	Surf	FreshWater	17.5	13.375	54.5	J55	1276	1596	230	1.33	C	0	1500	0	N	04/29/18	Surf	FreshWater	17.5	13.375	54.5	J55	0	1596	780	1.73	C	0	1500	0	N	05/03/18	Int1	Brine	12.25	9.625	40	HCL80	4243	5304	315	1.33	C	0	1350	1350	N	05/03/18	Int1	Brine	12.25	9.625	40	HCL80	3691	5304	225	2.28	C	0	1350	1350	N	05/03/18	Int1	Brine	12.25	9.625	40	J55	3478	3903	100	1.33	C	0	1350	1350	N	05/03/18	Int1	Brine	12.25	9.625	40	J55	1750	3903	680	3.62	C	0	1350	1350	N	05/03/18	Int1	Brine	12.25	9.625	40	J55	0	3903	535	1.32	C	0	1350	1350	N
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I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/>																																																																																																																																		
<div style="display: flex; justify-content: space-between;"> <div> SIGNATURE <u>Electronically Signed</u> Type or print name <u>David C Harwell</u> </div> <div> TITLE <u>VP Engineering</u> E-mail address <u>dharwell@advanceenergypartners.com</u> </div> <div> DATE <u>5/16/2018</u> Telephone No. <u>832-672-4604</u> </div> </div>																																																																																																																																		
For State Use Only: <div style="display: flex; justify-content: space-between;"> <div> APPROVED BY: <u>Paul F Kautz</u> TITLE <u>Geologist</u> </div> <div> DATE <u>5/17/2018 1:44:32 PM</u> </div> </div>																																																																																																																																		

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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 252598

DRILLING COMMENTS

Operator: ADVANCE ENERGY PARTNERS HAT MESA, LLC 11490 Westheimer Rd., Ste 950 Houston, TX 77077	OGRID: 372417
	Permit Number: 252598
	Permit Type: Drilling

Comments

Created By	Comment	Comment Date
bharris	Ran a split string of 9-5/8" 40# intermediate casing. Ran 9-5/8" 40# HCL-80 LTC from 5,304' to 3,903' and 9-5/8" 40# J-55 LTC from 3,903' to surface. DV tool placed at 3,691' (with ACP directly below DV tool). Pumped 2 stage cement job - 1st stage reported with the HCL-80 string and the 2nd stage reported with J-55 string.	5/16/2018
bharris	Cement not circulated to surface on second stage. Ran temp survey and found top of cement at 1,750'. Performed bradenhead squeeze with cement from 1,750' to surface and no issues.	5/16/2018