

Matador Operating Company

Brantley Federal
Eddy Co., NM

API # 30-015-31414
Sec 34, T20S, R26E

01/06/01	Blade and clean location																																							
01/08/01	Set anchors																																							
01/09/01	MIRU Aries Well Service. NU BOP. SDFN																																							
01/10/01	Take delivery of 337 jt new 2 7/8" L-80, 6.5#, EUE 8rd tubing. Pick up and TIH with 4 3/4" bit, csg scraper, X-O, and 326 jt tubing plus 11'. Tag PBTB @ 10,318' KB. RU kill truck. Circ tubing and casing, attempt to wash fill. Appears to be hard cmt. RD kill truck. Shut in. SDFN																																							
01/11/01	RU reverse unit and swivel. Drill out cement to 10,360'. (Tbg measure) All cement in returns, no metal. Test casing and shoe to 4000 psi for 10 min. RLS press. Circ well with 220 bbls. 2% KCL and packer fluid. TOH with tubing and tools. (158 std in derrick) RU JSI wireline. TIH with CBL, CCL, and gamma ray. Find PBTB @ 10,372'. Float collar @ 10,338'. Log from PBTB to 10,200' with no press. Main pass from PBTB to TOC @ 5600' with 2000 psi. CMT bond 98% + above proposed perfs. Correlate CBL to Schlumberger Three Detector Litho Density - Compensated Neutron Gamma Ray. (12/23/00) TOH with wireline and tools. RD JSI. Shut in. SDFN																																							
01/12/01	<p>RU AAA tubing testers. TIH with wireline re-entry guide, 2.313" XN nipple (2.2" no-go), 10' tubing sub, 2.313" X nipple, 6' tubing sub, 5-1/2" x 2-1/2" Arrow 1X packer (10K), on-off tool with 2.313" X profile, and 315 joints of new 2-7/8" L-80 EUE 8rd tubing. Test to 8000 psi above slips. Set packer at 9970.11 with 15 points compression. Test annulus and packer to 3000 psi. ND BOP. Test tree and connections to 5000 psi. NU tree. Test wrap around, BO-2 coupling and flange to 5000 psi. RU swab. Swab fluid level to 6800'. SWI, SDO weekend.</p> <p><u>Tubing Detail:</u></p> <table border="0"> <tr> <td>315 jts</td> <td>2-7/8" L-80, 6.5#, EUE 8rd tubing new</td> <td>9948.61</td> </tr> <tr> <td></td> <td>On/off tool with 2.312 X profile</td> <td>1.50</td> </tr> <tr> <td></td> <td>Arrow 1X 5-1/2" x 2-1/2" packer (10K)</td> <td>7.30</td> </tr> <tr> <td></td> <td>Ditto tubing sub</td> <td>6.39</td> </tr> <tr> <td></td> <td>2.312 X profile nipple</td> <td>0.96</td> </tr> <tr> <td></td> <td>Ditto tubing sub</td> <td>10.65</td> </tr> <tr> <td></td> <td>2.312" XN profile nipple (2.2" no-go)</td> <td>1.10</td> </tr> <tr> <td></td> <td>Wireline re-entry guide</td> <td>0.60</td> </tr> <tr> <td>315 jts</td> <td>total tubing and tools</td> <td>9977.11</td> </tr> <tr> <td></td> <td>KB adjustment</td> <td>17.00</td> </tr> <tr> <td></td> <td></td> <td>9994.11</td> </tr> <tr> <td></td> <td>Slack off 15 points</td> <td>3.00</td> </tr> <tr> <td></td> <td>EOT KB</td> <td>9997.11</td> </tr> </table>	315 jts	2-7/8" L-80, 6.5#, EUE 8rd tubing new	9948.61		On/off tool with 2.312 X profile	1.50		Arrow 1X 5-1/2" x 2-1/2" packer (10K)	7.30		Ditto tubing sub	6.39		2.312 X profile nipple	0.96		Ditto tubing sub	10.65		2.312" XN profile nipple (2.2" no-go)	1.10		Wireline re-entry guide	0.60	315 jts	total tubing and tools	9977.11		KB adjustment	17.00			9994.11		Slack off 15 points	3.00		EOT KB	9997.11
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01/15/01	RU Baker Atlas wireline with 5K lubricator and grease injection. TIH with 2.125" gauge ring, gamma ray, CCL, and wireline. Gamma tool fails. TOH with same. Wait on Baker total of 7 hours. Test lubricator and connections to 3000 psi. TIH with new tools and wireline. Find wireline re-entry guide (end of tbg) at 10,994'. Not enough daylight remains to finish perf runs safely. SWI, SDON.																																							