

30-045-22513

LAWSON LS 1A		Current Wellbore																																																																																																																																																														
Reservoir / Permanent	Equipment / Temporary																																																																																																																																																															
Surface Casing Cement Data 280SX B 2/2% CaCl CIRC'D 25SX OUT Surface Casing Data Hole Size: 13.75" 9.625", 32.3#, K55 @ 260' TOC IN SURF CSG PARTIAL RETURNS MUD CUT SLURRY CBL 10/2/1992 TOV @ 965' Intermediate Casing Cement Data 675SX W/2% GEL + 2# TUFPLUG & 1/2#SK CELLOPHANE FLAKES 50SX B NEAT TAIL-IN Top of Liner: 2810' Production Casing Data Hole Size: 8.75" 7", 23#, K55 @ 3051' TOC @ TOL Production Liner Cement Data 245SX B W/2% GEL, GILSONITE & 0.6% CFR-2 REVRSD CMT OUT FROM TOL Orig'l Stimulation Data 108000 GALS WTR + 107000 LBS 20/40 SAND * 80000 GALS WTR + 80000 LBS 20/40 SAND ** 99500 GALS WTR + 98000 LBS 20/40 SAND *** 37500 GALS WTR + 35000 LBS 20/40 SAND **** Orig'l Perforation Data 4173-4393' 128' NET 144 SHOTS * 4484-4771' 99' NET 144 SHOTS ** 4817-5026' 104' NET 112 SHOTS *** 5059-5207' 58' NET 90 SHOTS **** Production Liner Data Hole Size: 6.25" 4.5", 11.6#, K55 @ 5145' PBTD 5,281' TD 5,298'	Formation NO TOPS FOUND PERFD @ 770' & SQZD 194 SX W/CIRC OUT BRADENHEAD, WOC TST'D 500 PSI OK. End of Tubing 5198' AS OF 1/12/1992	 Current Wellbore <table border="1"> <tr> <td>WELL</td> <td>LAWSON LS 1A</td> <td>V.03</td> </tr> <tr> <td>COUNTY</td> <td>SAN JUAN</td> <td></td> </tr> <tr> <td>STATE</td> <td>NEW MEXICO</td> <td>Lat: 36.91055617N</td> </tr> <tr> <td>FIELD</td> <td></td> <td>Long: -107.9591327W</td> </tr> <tr> <td>API No.</td> <td>3004522513</td> <td></td> </tr> <tr> <td>RKB ELEVATION</td> <td></td> <td>5,901.0</td> </tr> <tr> <td>GL ELEVATION</td> <td></td> <td>5,889.0</td> </tr> <tr> <td>RKB-GL</td> <td></td> <td>12.0</td> </tr> <tr> <td>Location</td> <td>SEC. 11</td> <td>T 31 N R 11 W</td> </tr> <tr> <td>Location</td> <td colspan="2">1700 FSL, 1450 FEL</td> </tr> </table> DIRECTIONAL DATA <table border="1"> <tr> <td>MAX ANGLE</td> <td>THRU</td> <td>N/A</td> </tr> <tr> <td>KOP</td> <td>TYPE</td> <td>Vertical</td> </tr> </table> PRODUCTION DETAIL <table border="1"> <thead> <tr> <th></th> <th>TUBING</th> <th>LINER</th> <th>CASING</th> </tr> </thead> <tbody> <tr> <td>SIZE (OD)</td> <td>2.375</td> <td>4.500</td> <td>7.000</td> </tr> <tr> <td>WEIGHT</td> <td>4.70</td> <td>11.40</td> <td>23.00</td> </tr> <tr> <td>GRADE</td> <td>J55</td> <td>K55</td> <td>K55</td> </tr> <tr> <td>I.D.</td> <td>1.995</td> <td>4.000</td> <td>6.366</td> </tr> <tr> <td>DRIFT</td> <td>1.901</td> <td>3.875</td> <td>6.241</td> </tr> <tr> <td>COLLAPSE</td> <td>5</td> <td></td> <td></td> </tr> <tr> <td>BURST</td> <td></td> <td></td> <td></td> </tr> <tr> <td>YIELD</td> <td></td> <td></td> <td></td> </tr> <tr> <td>THREAD</td> <td>EUE 8R</td> <td>ST&C 8R</td> <td>ST&C 8R</td> </tr> <tr> <td>DEPTH</td> <td>5,198</td> <td>5,145.00</td> <td>3,051</td> </tr> <tr> <td>CAPACITY</td> <td></td> <td></td> <td></td> </tr> <tr> <td># JOINTS</td> <td>162</td> <td>53</td> <td>80</td> </tr> </tbody> </table> PRODUCTION TUBING ASSEMBLY DETAIL <table border="1"> <thead> <tr> <th>#</th> <th>O. 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OIL CONS. DIV DIST. 3

AUG 09 2017

Spud Date: 11/30/1977

Last Intervention: 9/30 TO 10/12/1992. RETRIEVED PKR, CLEANED SAND FROM BITM, SQZ'D CMT & CIRC'D TO SURF. RAN TBG TO 5198' WITH SN & RETURNED TO PROD STATUS.