

Cassidy #1  
Drilling Operations  
Edáy Co., New Mexico

8/4/80 SPUDDED 11:30 AM, 8/3/80. Drlg 321' Red Bed.  
8/5/80 WO fishing tools 390' Red Beds.  
8/6/80 WOC 400' anhy. RU & ran 12 jts 16" 65# K-55 Buttress & ST&C, set @ 400'.  
Cmt'd w/750 sx Cl C w/2% CaCl<sub>2</sub>. PD 11 PM. 1 1/2 deg @ 400'. WOC 23 1/2 hrs.  
8/8/80 Drlg 680' Red Bed & anhy.. 280' prog.  
8/9/80 Drlg 1310' anhy & salt. 610' prog. 2 deg @ 985'.  
8/10/80 Drlg 2010' anhy & salt. 700' prog. 1 1/2 deg @ 1480'. 2 1/4 deg @ 1980'.  
8/11/80 Running csg 2410' lm. 400' prog. RU & sttd running 10 3/4" csg.  
8/12/80 WOC 2410' lm. Fin running 61 jts 10 3/4" 40.5# K-55 ST&C. Cmt'd w/1875  
sx lite w/10# salt & 1/4# flocele/sk. Tailed in w/300 sx Cl C w/2% CaCl<sub>2</sub>  
& 10# salt/sk. PD 12:30 PM, 8/11/80. Circ out 125 sx. 17 1/2 hrs WOC. Test  
1500# 15 min, OK.  
8/13/80 Drlg 2440' lm. 30' prog.  
8/14/80 Drlg 3084' lm. 644' prog. 3 3/4 deg @ 2425'. 2 deg @ 2619'. 1 1/2 deg @  
2827'. 1 1/2 deg @ 3027'.  
8/15/80 Drlg 3432' sd & dolo. 342' prog. 1 1/4 deg @ 3195'. 1 deg @ 3395'.  
8/16/80 Drlg 4110' sd & dolo. 678' prog. 3/4 deg @ 3885'.  
8/17/80 Drlg 4732' sd & dolo. 622' prog. 3/4 deg @ 4421'.  
8/18/80 Drlg 5230' sd & dolo. 498' prog. 3/4 deg @ 4953'.  
8/19/80 Drlg 5715' sd & sh. 485' prog. 3/4 deg @ 5450'.  
8/20/80 Tripping 6008' sd & sh. 293' prog. 1 deg @ 5950'.  
8/21/80 Drlg 6310' sd & sh. 302' prog.  
8/22/80 Drlg 6815' sh & sd. 505' prog. 1 deg @ 6461'.  
8/23/80 Drlg 7175' sh & sd. 360' prog. 2 1/4 deg @ 6980'.  
8/24/80 Drlg 7485' sh & sd. 310' prog. 2 deg @ 7213'.  
8/25/80 Drlg 7825' sh & sd. 340' prog. 1 3/4 deg @ 7720'.  
8/26/80 Drlg 8010' sd & sh. 185' prog.  
8/27/80 Drlg 8440' sd & sh. 430' prog. 1 deg @ 8820'.  
8/28/80 Drlg 8890' lm & sh. 450' prog. 1 deg @ 8710'.  
8/29/80 Tripping 9033' lm & sh. 143' prog.  
8/30/80 Drlg 9220' lm & sh. 187' prog. 1 3/4 deg @ 9215'.  
8/31/80 Drlg 9650' lm, sh & sd. 430' prog.  
9/1/80 TIH 9670' lm & sh. 20' prog. RU Welex & ran DNL & Guard Forxo logs. 1 deg@ 9670'.  
9/2/80 Running csg 9670' sh & lm. RU & ran 7 5/8" 29.70# & 33.70# N-80 LT&C csg,  
set @ 9670'.  
9/3/80 WOC 9670' lm & sh. Fin running 7 5/8" csg, set@ 9670'. Cmt'd stage 1 w/385 sx  
lite w/3/4% CFR-2, 1/4# flocele/sk. Tailed in w/300 sx Cl H w/3/4% CFR-2 & 1/4#  
flocele/sk. Cmt'd 2nd stage w/845 sx lite w/1/2% CFR-2 & 1/4# flocele/sk. Tailed  
in w/100 sx Cl H w/1/2% CFR-2 & 1/4# flocele/sk. WOC 8 1/2 hrs.  
9/4/80 Tested BOP's 9670' lm & sh. WOC 24 hrs. Ran Temp Surv. Surv indicated TOC @ 2400'.  
9/5/80 PU DP 9670' lm & sh.  
9/6/80 WOC 9670' lm & sh. Drill DV tool. Test pump into DV tool @ 3 BPM @ 950#.  
Squeeze stage tool w/150 sx Cl H w/1/2% CFR-2. Max squeeze press 1400#.  
9/7/80 TIH 9670'. WOC 24 hrs. Drill cmt. Test. Squeeze to 2000#, OK.  
9/8/80 SI 9670' sh & lm. Fin TIH. WO new crew.  
9/9/80 Drlg 9970' lm & sh. 300' prog. Drill F.S. Test 2000#, OK.