WILL HISTORY

- 8-7-60 TD 7650°
- 8-8 Pan Schlumberger Induction, Camma Pay and Temperature Logs.
 8-9- Ran 5" OD, 15% casing 0' to 2957' and 42" OD, 11.6% casing 2957' to 7644'. Cemented through shee with 200 sacks 12% Bentonite cement, containing 122 011sonite per sack, plus 50 sacks Latex coment. Multistage cementing collars were used in the 42" portion of the string at 3290 and 2987.
- 8-18 Drilled DV Collar 6 2987'. Tested casing w/2500%. Held ok.
- 8-20 Cleaned out to 7590'.
- 8-21 Ran Cemoten log to 7590'.
- 8-22 Perforated 4 heles 6 7574 and 4 holes 6 7340. Ran Halliburton EM Squeeze Packer to 7510°. Cemented 46" casing 7349-7574° w/50 sacks Latex cement. Deversed cement out with tubing 6 7270 getting 2 bbls cement back.
- 8-23 Casing hold 3000 pressure ok. Pulled tubing and perforated @ 7250 w/4 holes. Formation broke from 4500% to 2000% pumping 6 BPM.
- 3-24 Comented perforations @ 7250 w/15 sacks Latex coment. Final pressure - 4100%.
- 8-25 Drilled out cement and squeeze packer. Tested perforations @ 7250'. Held ok @ 3500%. Drilled coment out to 7510'. Tested casing @ 7510' and found it would take fluid 6 2600%.
- 8-26 Lane-Wells perforated 7478-7486 and 7410-7426 using 6 capsules per
- foot. Perferated 7286-7322 w/4 jets per foot. 8-28 Pumped 1.53 EPF into perforations 7478-7486 @ 4500#; pumped 5 EPM into perforations 7410-7426 @ 4500/1 perforations 7286-7322 would take fluid readily @ 2500%.
- 3-29 Fractured well through casing using 5 Dowell Allison pumps. 160,000# 40-60 sand, 140,700 gal. water containing 160 sacks Dowell J-101 and 196 sacks calcium chloride. Treating pressure 3400-3000%. Instantaneous shut-in pressure 2100%. Average Injection Rate - 31 BPM. Used 5040 gal. for flush. Dropped 160 balls after 90,000%, 50 after 120,000% and 50 after 140,000%. First batch brought to pressure increase; second batch increased pressure 3200 to 3500%; third batch increased pressure 3250 to 3400%. Well unloaded by own pressure.
- 8-31 Cleaned out with gas to 7489.
 9-1 Set peoker 6 7445 and pumped 6 EPM into zone 7478-7486 @ 5300%.
 Emised packer and pumped 6 EPM into zones @ 7478-7486 and 7410-7426 @ 3500%. Reset pagker 6 7443 and frac'd through tubing with 8000% 40-60 sand and 11,760 gal. water. Flushed with 1764 gal. water. All water treated with J-101 and 1% calcium chloride. Used 2 Dowell Allison pumps. BDP - 5300#; TP - 5300-5500#; IP - 2800#; AIR - 8 EPM. Pulled tubing and well started flowing through casing. Oas volume was 1443 MCV after
- 9-3 Perforated 6 3300 and 3038 w/4 holes 6 each depth.
 9-4 Comented 48" casing 3300-3038 w/75 sks Latex coment. Cleaned out to 3300 .
- 9-6 Pan 5" OB Homeo casing cutter to 2931 and cut and pulled 5" casing.
 Schlumberger perforated 3038 and 3053 w/4 jets per foot.
 9-12 Frac'd Pictured Cliffs sand 3038-3053 w/50,000# 10-20 sand and 23,310
- cal. water containing 1% calcium chloride. Flushed w/5460 gal. water. FDP 2500%; TP 2500-1500%; ISIP 1000%; AIR 44.7 BPM. Ran 2 3/8" OD EUE, 4.7% 3rd, J-55 Smls tubing to 2930. A pinned coupling was run on bottom of tubing.
- 9-17 After cleaning for 11 hours cas volume was 1297 MCD. Deadweight casing pressure 667% after well was shut in 13 hours.
- 9-19 Noved in pulling unit and pulled tubing.
 9-28 Unloaded vator, cleaned out sand, set 42" OD 11.6% to 13.5% Baker
 Nodel "D" Packer at 7159", and ran 12" EUE, 2.7%, J-55 tubing to 7158'.
 9-29 Pan 12" EUE, 2.7% J-55 tubing to 7158'.

 9-29 Pan 12" EUE, 2.7% J-55 tubing to 2905'.

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STATE OF NEW MEXICO OIL CERSERVATION COMMISSION AZTEC DISTRICT OFFICE NUMBER OF COARS RECEIVED D'SCATSULION TRANSPORTER