CASING:	13 3/8"	3#	@ 565' w/ 800 sx, circ'd
	9 5/8" 4	7#	@ 2,790' w/ 1750 sx, circ'd
	5 1/2" 1	7#	@ 11,474' w/ 825 sx, DV @ 10,447'.
			circ'd 1200 sx thru perf @ 7900'.

CURRENT

PERFORATIONS: 11,048 - 11,203' Morrow, plugged w/CIBP @ 11,000' 10,385 - 10,705' Atoka, open

CURRENT

OPERATIONS: Recomplete in Bone Spring

- 1. RUPU. Open up well and bleed off pressure. Kill well if necessary.
- 2. TIH w/blanking plug to set in 1.87" profile nipple in on/off tool on Baker lok-set pkr set @ ±10,300'.
- 3. Sting out of on/off tool. (Cut tbg off at pkr if it won't come out of on/off tool.)
- 4. Displace 3000' from PBTD to ± 7300' w/9.5# mud-laden fluid. TOH w/tbg.
- 5. TIH w/dump bailer and spot 35' cmt on top of pkr.
- 6. TIH w/5 1/2" CIBP and set @ <u>+</u>7300'. Cap w/35' cmt.
- 7. TIH w/tbg, open-ended to 6503'. Pickle tbg and csg w/500 gals 15% NEFE, triple inhibited by circulating down tbg and up csg.
- 8. Spot 300 gals 7 1/2% mud clean-out acid, double-inhibited, from 6503'. TOH w/tbg.
- 9. RU wireline. Run GR/CBL/CCL from PBTD to <u>+</u> 6000'. Correlate to SWSCO OH GR/CNL/FDC run 2/21/77 (copy attached). Run bond log w/1000 psi on csg.
- 10. TIH w/4" carrier guns, premium charges, and shoot 1 JSPF @ 6308, 6311, 6318, 6323, 6329, 6333, 6342, 6348, 6357, 6361, 6375, 6380, 6385, 6396, 6401, 6409, 6417, 6428, 6447, 6451, 6455, 6470, 6475, 6493, 6503 (total 25 holes)
- 11. PU & TIH w/5 1/2" pkr & tbg to ± 6250'. Reverse spot acid into tbg. Set pkr.
- 12. Breakdown perfs by pumping away spot acid.
- Continue treatment by pumping 1500 gals 7 1/2% MCA carrying 50 ball sealers down tbg at a rate of <u>±</u> 4 BPM.
- 14. Swab back load. Release pkr. Drop down through perfs to knock off balls. TOH w/tbg & pkr.
- 15. RU BJ to frac perfs 6308-6503' down csg w/60,000 gals Spectra-frac G-3,000 carrying 146,500# 16/30 ottawa sand + 50,000# 16/30 resin coated sand. Pump at a rate of 30 BPM w/an anticipated treating pressure of 2,000 psi. Pump as follows:
 - a) 10,000 gals gel pad.
 - b) 9,000 gals gel + 1 4 ppg 16/30 ottawa sand.
 - c) 31,000 gals gel + 4 ppg 16/30 ottawa sand.
 - d) 10,000 gals gel + 5 ppg 16/30 resin-coated sand.
 - e) Flush to top perf. SWI to allow gel to break.
- 16. Flow back well.
- 17. TIH w/5 1/2" production pkr and tbg to PBTD. Clean out sand if necessary.
- 18. PU and set $pkr @ \pm 6250'$. Swab well.
- 19. Hook up surface equipment and place well on production.