

SUMMARY OF OPERATIONS

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Federal "V" Unit #1

DATE	DESCRIPTION
4-16-66	Perfs (9903-9985) OA Dowell acidized perfs w/1000 gal 15% NE acid, BDTP 2800#, TTP 2650# rate 2.1 BPM, ISIP 200# t min. zero - job complete swab 41 BLW + 24 BAW in 16 hrs., 1000' FIH. Continue to swab.
4-19-66	10,170 TD, 10,130 PBTD, Morrow Perfs 9903-9985 OA. SD 24 hrs.
4-21-66	WC Perfs 10,029-10,049 Pulled 2-3/8" tbg & Guiberson pkr, ran Howco RTTS pkr on tbg to 9736, Howco squeezed Morrow perfs 9903-9985 w/100 sx reg neat cement containing .06 Halad 9, final squeeze press 2600#, 80 sx in form, job complete 5:50 p.m. 4-20-66, pulled tbg & pkr, SD for nite.
4-22-66	Ran 3-7/8" bit, casing scraper, 2 - 3" DC's on 2-3/8" tubing to 9,736'. MIRU Star Tool Company reverse unit, drill cement from 9,736 - 9,740 - 4' SD for night.
4-23-66	Drill cement from 9740-9990. Circ hole clean - tested perfs w/1500# 15 min held ok. SD for nite.
4-26-66	Morrow (9915-9985) SD High wtr on road - Prep to acidize today.
4-27-66	TD 10,170, PBTD 10,130, Morrow (9915-9985) Ran SW tbg dry - Dowell Chem Co. acidized Morrow perfs 9915-9985 w/500 gals 15% N.E. acid, BDTP 3400 - TTP 3400, AIR - 0, 3 B/min, ISITP 2500, 5 min SITP 2250. Job comp 2:30 pm 4/26/66 - Then sw 33 BLW/3 hrs. Sw dry/1 hr. SI 12 hrs. TP 1250. Cont to test. 6 BLW + 12 BAW to rec.
4-28-66	TD 10,170, PBTD 10,130, Morrow (9915-9985) Sw 4 BW/1 hr, Sw dry/2 hrs, sl sh of gas. SI 20 hrs. TP 2800#. 2 BLW + 12 BAW to rec.
4-29-66	Bled off TP 2800# to zero - Sw 3 BLW/1 hr, sw dry/1 hr, sl sh of gas. Dowell acidized perfs w/1000 gal mud acid, TTP 2800# -2400#, rate .2 BPM, ISIP 2450#, 5 min SIP 2250#, Job comp @ 1:30 pm 4/28/66 - Sw 39 BLW/3 1/2 hrs, fr sh of gas, L hr sw 1 BLW. 100-150' FIH, SI 12 hrs, TP 1400#, started flowing mist of LW. 36 BLAW to rec.
5-3-66	SW 60 BFW/6hrs. SD for night. Prep to squeeze.
5-4-66	Pulled tbg & Guiberson HW pkr - Ran Halliburton DC Ret set @9727 on 2" tbg. Halliburton Sq Morrow perfs 9915-9985 w/100 sx reg cement, Max Sq press 3300#. Job compl 9:45 am 5/3/66. Pulled tbg SD for night. Prep to block sq csg opposite Cisco.