

SUMMARY OF OPERATIONS

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Federal "V" Unit #1

DATE	DESCRIPTION
2-15-66	MIRT. Loffland Drlg. Co.
2-17-66	RURT
2-18-66	RURT
2-21-66	Not Drlg. Reaming 12-1/4 hole to 17-1/2" hole at 191.
2-23-66	Dr. Tested csg. & BOP.
3-2-66	Not drlg. Prep. to run 8-5/8" csg.
3-4-66	WOC 8-5/8" casing. Reran 8-5/8" csg. to 3250'. Cmdt csg on bottom. Cmt did not circ. WOC 6 hrs. Ran temp. survey. Top of cmt 325'. Ran 1" pipe on outside of 8-5/8" csg to 325'. Cmdt thru 1" pipe. Cmt circ. Now nipping up 8-5/8" csg.
3-7-66	Nippled up csg & BOP - tested. Drld cmt 3185-3250, unloaded hole, drld W/air. Unable to dry up hole in 5-3/4 hrs. Now drlg. W/fr. wtr.
3-10-66	Dr. Installed Hydril BOP. Tested all BOPS, choke manifold, total of 8-1/2 hrs.
3-22-66	Not drlg. Down past 7-1/2 hrs. Changing swivels.
3-23-66	Dr. Down 1-1/2 additional hrs. on swivels.
3-28-66	Dr. Sample top of Strawn 8740'.
4-13-66	MIRU X-Pert Well Serv SD unit. Schl ran GR-Collar-corr log from 7500-10,130 - picked up Guiberson KTTP pkr on 226 jts 2-3/8 tbg. SD for nite.
4-14-66	Finished running tbg and pkr., ran total 316 jts 2-3/8" O.D. 4.70# J-55 EUE 8 rd tbg w/Guiberson type KTTP pkr to 9862, nipped up xmas tree, swab fluid down to 5000, Schlumberger perf 4 1/2" csg in the Morrow w/thru tbg gun @9903, 9905, 9915, 9919, 9927, 9929, 9937, 9940, 9943, 9947, 9954, 9963, 9965, 9969, 9975, 9979, 9981, 9983 & 9985 w/1 JSPA total 19 holes, ran swab 2 times, well kicked off and flowed to pits 3 hrs, SI 12 hrs TP 3100#, prep to clean up well and test.
4-15-66	Clean to pits 2 hrs., ran 4 - 1 hr. FL test, 1st hr. on 10/64" ck, FTP 500#, Sep. P. 160 Temp. 75°, gas rate 310 MCFD 2nd hr. on 12/64" ck., FTP 690#, Sep. P. 450 Temp. 75°, gas rate 450 MCFD, 3rd hr. on 18/64" ck, FTP 525, Sep. P. 450 Temp. 75°, gas rate 540 MCFD, 4th hr. on 24/64" ck, FTP 525, Sep/P 450, Temp. 75°, gas rate 540 MCFD.