PULL OR ALTER CASING

(other) Temporary Abandonment

MULTIPLE COMPLETE **CHANGE ZONES** ABANDON*

orm 9-330.)

UNITE	UNITED		.5
DEPARTMENT	OF	THE	INTERIOR
GFOLOGI	ICAL	SUE	VFY

7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME FEDERAL "4" 9. WELL NO.
FEDERAL "4"
1
10. FIELD OR WILDCAT NAME WATER SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4, T-8-5, F-32-E 12. COUNTY OR PARISH Chaves New Mexico 14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) 4513 GR

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

S. CHOLUGICAL SURVEY KC SWELL, NEW MEXICO

Spud 7-27-80. Drill $12\frac{1}{4}$ " hole to 1853',7-29-80. Run 8-5/8" 20# & 23# 8rd,R-2 & R-3 csg to TD. Cmt'd w/400 sx HOWCO, lite wt. w/1/4# Flocele plus 250 sx C1-C w/2% CaC1. Circ 30 sx to surface. Plug down 7-29-80. Drill 7-7/8" hole to 4380' TD. Run 4½", 10.5# CW55,8-4-80. ST&C csg to 4378'. Cmt'd w/250 sx HOWCO C1-H, 50% Poz, w/8% salt & 4/10% CFR-2. Plug down 8-3-80. On 8-5-80 perfed 4229',35,44,82,83,92,/4301' & 16 w/l jspf. RIH w/tbg & Baker Model R DG pkr. Set pkr @ 4179'. Spot & break down w/500 gals 20% acid. Pump in @ 600 psi, 1/5 BPM rate; break to 450 psi, increased to 1.4 BPM rate, @ 800 psi. ISI press. 550#, 10 min SI 375#. Swab 20 bbls fluid to pit, cut 80% oil. POOH w/tbg & pkr. RIH w/2-3/8" tbg to 4326'. RIH 3/4" rods & pump. Set pumping unit. Start pumping 8-13-80. Pump 40 BO & 18 BW in 18 hours. Pump 10 BO & 15 BW in 24 hours. Pumping avg. of 2 BO & 10 BW in 24 hours. Pull 3/4" rods, pump & 2-3/8" tbg. TA 9-10-80.

Subsurface Saf	ety Valve: Manu. and Type		Set	@ <u></u>	<u> </u>	Ft.
18. I hereby ce	ertify that the foregoing is true and			;		
SIGNED	Chllmb. C. Helm T	TLE Operations Managemate	9-24-80			
45000V50 DV	R. Chosle,	pace for Federal or State office use)		-	# 4 · ·	
APPROVED BY _ CONDITIONS OF	APPROVA'S E PANZ: 9 1980	DAT	Έ	<u>:</u>		
	U.S. GEOLOGICAL SURVEY					

ROSWELL, NEW MEXICO See Instructions on Reverse Side