LC-029388-D
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Johnson B. Federal A/C 1 9. WBLL NO. 9 10. FIELD AND POOL, OR WILDCAT Tamano (Bone Spring) 11. SBC, T., B., M., OR BLK. AND SURVEY OR AREA SEC. 11, T-18-S, R-31-E 12. COUNTY OR PARISH 13. STATE Eddy NM
or Other Data
BSEQUENT EMPORT OF :
EEPAIRING WELL   ALTEBING CASING   ABANDON MENT*   & Cementing OPS   esults of multiple completion on Well   completion Report and Log form.)

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 gones pertinent to this work.) •

Preset 20" conductor at 59' KB. Spudded 17-1/2" hole @ 2030 hrs 6-06-90. Drilled to 750'. Ran 18 jts 13-3/8", 48#, H-40, STC csg. Shoe @ 750', insert float @ 705'. R.U. Howco, tested lines to 2000 psi, cemented w/ 385 sx Class "C" + 2% CaCl + 2% gel, tailed in w/ 250 sx Class "C" + 2% CaCl - 2% gel, Cement in place @ 1930 hrs 6-07-90. Circulated 150 sx to pit. Installed 13-5/8" 3N x 13-3/8" SOW casing head and tested weld to 500 psi. Nippled up 13-5/8" dual ram preventers, annular and rotating head. Tested rams, kelly valves and choke manifold to 3000 psi. Tested annular to 1500 psi. TIH and tested casing to 1000 psi. Total WOC time - 20 hrs. Drilled shoe and resumed drilling formation w/ 12-1/4" bit.

Drilled 12-1/4" hole to 2434'. Changed pipe rams to 8-5/8". Ran 24 jts, 8-5/8", 32#, K-55, LTC, 34 jts, 8-5/8" 24#, K-55, STC csg. Shoe a 2431', insert float a 2341'. R.U. Howco & tested lines to 2000 psi. Cemented w/ 900 sx Class "C" + 4% gel + 10 pps salt + 2% CaCl<sub>2</sub>, tailed in w/ 200 sx Class "C" + 2% CaCl<sub>2</sub>. Cement in place a 1711 hrs 6-10-90. Circulated 300 sx to pit. Set slips and installed "B" section. Tested rams, choke and kill line to 3000 psi. Tested csg and annular to 1500 psi. Total WOC time 15-3/4 hrs. TIH and tagged cement a 2335', drilled insert and 20' of cement and tested casing to 1200 psi. Resumed drilling formation w/ 7-7/8" bit.

(This space for Federal or State office use) APPROVED BY	TITLE	DATE
18. I hereby certify that the foregoing is true and correct SIGNED AU THE FOR 5.1.4	TITLE Drilling Superintendent	DATE 6/15/90
	<u></u>	<b>00. N</b>
	ACCEPT	CEIVED 9 40 AM
formation w/ /-//8" Dit.		JUN 18 AREA

## \*See Instructions on Reverse Side