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Form Approved. Budget Bureau No. 42-R1424

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UNITED STATES EPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY	5. L	EASE	NM-17214
	6.	F INDIAN,	ALLOTTEE OR TE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
7. UNIT AGREEMENT NAME  8. FARM OR LEASE NAME Long Arroyo "OW" Federal		
9. WELL NO.		
10. FIELD OR WILDCAT NAME Und. Morrow		
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Unit K-Sec. 23-T14S-R27E		
12. COUNTY OR PARISH 13. STATE  Chaves NM  14. API NO.		
15. ELEVATIONS (SHOW DF, KDB, AND WD) 3505 GR		
1 1981 Charige on Form 9-330.)		

 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.)\*

TD 8232'. Ran 203 jts of  $4\frac{1}{2}$ " 11.6# & 10.5# N-80 & K-55 casing as follows: 35 jts of  $4\frac{1}{2}$ " 11.6# N-80 LT&C, 160 jts of  $4\frac{1}{2}$ " 10.5# K-55 ST&C, 8 jts of  $4\frac{1}{2}$ " 11.6# K-55 LT&C (total 8235.24') of casing set at 8232'. Shoe at 8224'. Diff-fill float collar at 8220'. Cemented w/25 sx 75-25 Poz, .6% D-112 fluid loss, .3% D-65 Tic, 5# KCL/sack, 5 gal D-58, followed w/775 sx 50-50 Poz, .6% D-112 fluid loss, .3% D-65 Tic, 5# KCL/sack. Tailed in w/100 sx Class H, .4% D-108, .3% D-65 & 5# KCL/ sack. PD 5:00 AM 5-13-81. Bumped plug to 500 psi, released pressure & float held okay. Set packer at 7872'. WIH w/tubing conveyed gun & perforated 7926-43' w/36.50" holes as follows: 7926-36' w/20 shots (2 SPF) & 7939-43' w/16 shots (4 SPF). Dropped bar. GTS. Well cleaned up & stabilized at 175 psi on 1/2" choke = 1200 mcfgd. PBTD 8159'.

Subsurface S	Safety Valve: Manu. and Type		Set @	Ft.
18. I hereby	certify that the foregoing is true an	d correct		
SIGNED		TITLE Engineering Sec'ty DATE	6/8/81	
APPROVED BY	ROGER A. CHAPMAN	space for Federal or State office use) TITLE DATE		
	U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO	See Instructions on Reverse Side		