

Amoco Production Company
WELL REPAIR AUTHORIZATION AND REPORT

ORIGINAL BLANK
CORRECTION 6 ☐
DELETION 9 ☐
FLAG (WELL) NO. ☐

LEASE/UNIT NAME AND WELL NUMBER WOOD Gas Can A No. 1			HORIZON NAME MAIN BASAL COAL		
FIELD FRUITLAND Main Basal Coal Seam		COUNTY SAN JUAN	STATE NEW MEXICO		
OPERATOR AMOCO	DISTRICT FARMINGTON	ELEVATION 5846	ELEV. REFERENCE PT. KB		
LAST PRODUCING WELL ON LEASE YES		T. D. 2693'	P. B. T. D. 2656'	LOCATION 155' EAL x 1745' EAL, Sec 4, T31N, R10W	
Amoco WORKING INTEREST 100.0		OTHER WORKING INTERESTS NONE			
Amoco NET INTEREST 87.5		TOTAL REPAIR HORIZONS ☒	STATUS AFTER REPAIR PRODUCING ☒ INJECTION ☐	PRODUCTION INCREASE EXPECTED YES ☒ NO ☐	

TYPE JOB SELECT ONE MAJOR (1) AND MAXIMUM THREE MINOR (2)

CONVERT TO INJECTION ☐	CONVERT TO PROD. ☐	DEEPEN ☐
WATER FRAC ☒	OIL FRAC ☐	ACID FRAC ☐
ACIDIZE ☐	REPAIR CASING ☐	WHIPSTOCK ☐
PLUG BACK ☐	PERFORATE ☐	CEMENT SQUEEZE ☒
WASHING SAND ☐	SAND CONTROL ☐	OTHER ☐
SET LINER OR SCREEN ☐	PULL LINER OR SCREEN ☐	
TREATING VOLUME - GAL. 8300		AREA REPAIR CODE ☐

REPAIR DESCRIPTION MAXIMUM 25 SPACES			
Cement Squeeze liner ap x fracture stimulate formation			
GROSS PRODUCTION		BEFORE	ANTICIPATED
OIL - BOPD	30	300	\$/BBL ☐
WATER - BWPD	0	30	\$/MCF ☐
GAS - MCFD			\$/UNIT ☐
OTHER - /DAY			
EXPECTED PAYOUT		3	MONTHS

GROSS INJECTION	
WATER ☐	GAS ☐ LPG ☐ AIR ☐ STEAM ☐ OTHER ☐
RATE - BPD OR MCFD	BEFORE ☐ ANTICIPATED ☐
PRESSURE - PSIG	

ESTIMATED COST

INTANGIBLES	
RIG COST	\$ 17,000
EQUIPMENT RENTAL	
CIRCULATING MEDIA	
CEMENT AND SERVICE	7,000
PACKERS AND EQUIPMENT	10,000
PERFORATE, LOG, WIRELINE	
STIMULATION	20,000
LABOR	
SPECIAL EQUIPMENT	
FISHING	
OTHER INTANGIBLES	12,000
TOTAL INTANGIBLES	\$
TANGIBLES	
CSG., TBG., HEAD, ETC.	\$
TOTAL GROSS COST	\$ 66,000
Amoco WORKING INTEREST COST	\$ 66,000 x 0.875 BOPD

REASON FOR WORK

Production from this well has been 40-50 MCFD since its first delivery in September 1984. An analysis of the original completion shows that the well was perforated 12' spt overbalanced with no breakdown or stimulation. Offset production from the Ealum C No. 1 first delivered at the same time is 500 MCFD x 75 BWPD. Since further analysis of the wells' completion reports show the well swabbed down immediately. To verify this, a swab unit was rigged up in the well 10/18/84 again, the well swabbed down immediately. Therefore this well is suffering a severe entry problem with caused by near wellbore damage!

REPAIR RESULT DATE REPAIR COMPLETED	SUCCESS ☐ FAILURE ☐ MO. DAY YR.	RECOMMENDED David L. H. H. H. James A. H. H.	DATE 10/22/84 10/26/84
GROSS PRODUCTION DURING PAYOUT		AUTHORIZED W. J. Helcom	MO. DAY YR. 10/26/84
OIL - BOPD			
WATER - BWPD			
GROSS INJECTION			
RATE - BPD OR MCFD			
PRESSURE - PSIG			
ESTIMATED FINAL GROSS COST			

