WELL TREATMENT REPORT

DS-494 PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

DATE: 10-27-87

WELL NAME AND NUMBER: Geisert 5-12

LOCATION (LEGAL):

DS LOCATION:

TREATMENT NUMBER: 9701

PAGE ____ OF ____ PAGES

POOL/FIELD:

FORMATION:

JOB DONE DOWN: TUBING ☐ CASING ☐ ANNULUS ☐

ALLOWABLE PRESSURE: TBG: CSG:

COUNTY / PARISH:

STATE:

TYPE OF WELL: OIL ☐ GAS ☐ WATER ☐ INJ. ☐

OIL: API GRAVITY VAPOR PSI

TYPE OF SERVICE: ☐ Acidizing ☐ Fracturing ☐ Sand Control ☐ Other

SERVICE NAME:

AGE OF WELL: NEW WELL ☐ REWORK ☐

TOTAL DEPTH: BHT. (LOG):

CASING SIZE	WT.	DEPTH	TUBING SIZE	WT.	DEPTH

TYPE OR GRADE: TYPE OR GRADE:

LINER SIZE	WT.	TOP-BOTTOM	PACKER TYPE	PACKER DEPTH

OPEN HOLE	CASING VOL.	TUBING VOL.	ANNULAR VOL.

CUST. NAME: Mazuma Turnkey

ADDRESS:

CITY, STATE ZIP CODE:

00122957

SERVICE INSTRUCTIONS:

FOR CONVERSION PURPOSES 24 BBLS EQUALS 1000 GALLONS

ARRIVED ON LOCATION: LEFT LOCATION:

PERFORATED INTERVALS

TOP	TO	BOTTOM	NO. OF HOLES	TOP	TO	BOTTOM	NO. OF HOLES
	TO				TO		
	TO				TO		
	TO				TO		
	TO				TO		

DIAMETER OF PERFORATIONS =

INJECTION RECORD

TIME (0001 to 2400)	RATE BPM	TYPE OF FLUID	DENSITY	INCREMENT VOL. BBLS.	CUM. VOL. BBLS.	PROP TYPE	PROP #/GAL.	PRESSURE CSG.	PRESSURE TBG.	NOTATIONS
										Pre-Job Safety Meeting
										Pre-Job Pressure Test To ____ psi
1531	34.5	YF640		510	2524	20/40	6	4570		START 17,000 gal 20/40 @ 6#
1534	34.5				2622			4490		20/40 @ 6# to perfs
1538	34.8			60	3153		6	4390		START 5-93 @ 6#
1543	34.8				3257			4410		5-93 @ 6# to perfs
1551	24				3368			4820		START FLUSH
										ISIP 3700
										5 min 3510
										10 min 3370
										15 min 3310

FRAC. GRADIENT:

AVG. INJECTION RATES: LIQ. 31 W/PROP

TOTAL FLUID: 2806 BBLS.

TOTAL PROP: 382,000 LBS.

TREATING PRESSURE SUMMARY: MAX. 6100 FINAL 4820 AVG. 4900 IMMED. S.D.P. 15 MIN. SIP

PRODUCTION PRIOR TO THIS TR. ☐ Test ☐ Stabilized

CUSTOMER REPRESENTATIVE:

DS SERVICE SUPERVISOR: R.C. Lunn

MATERIALS CHARGED FOR:

MTRL	QUANTITY	MTRL	QUANTITY
KCL	20,000	Pg 2	
L 803	55		
F 803	55		
S 218	55		
100 mesh	20,000		
20/40	340,000		
5-93	12,000		
S 353	400		
7½% HCL	1000		
A-250	2		