



BJ-HUGHES Inc.
A SUBSIDIARY OF HUGHES TOOL COMPANY

P.O. BOX 2250 LONG BEACH, CALIFORNIA 90801

TREATMENT LOG

RECEIVED
MAR 6 1987
COLO. OIL

Acid Stage No. _____
Sls. Cement _____ Pound of Sand _____

Date 1/23/87 District Brighton F. O. No. 3241
Company MAZUMA TURNKEY
Fee Schoenberger Sir Well No. 16-3
County Weld State Colo
Location _____ Field _____

Type Treatment: _____ Amt. _____ Type Fluid _____
Bldown _____ Bbl./Gal. _____
_____ Bbl./Gal. _____
_____ Bbl./Gal. _____
Flush _____ Bbl./Gal. _____

Casing: Size 4 1/2 Type & Wt. _____ Set at _____ ft.
Perf. From _____ ft. to _____ ft. No. of Perf. _____
From _____ ft. to _____ ft. No. of Perf. _____
From _____ ft. to _____ ft. No. of Perf. _____
Liner: Size _____ Type & Wt. _____ Top at _____ ft. Bottom at _____ ft.
Cemented: Yes/No. Perforated From _____ ft. to _____ ft.
Tubing: Size _____ Swung at _____ ft.
Perforated From _____ ft. to _____ ft.

Treated From _____ ft. to _____ ft. No. ft. _____
From _____ ft. to _____ ft. No. ft. _____
From _____ ft. to _____ ft. No. ft. _____

Calculated Volume to: Load Hole _____ Bbl./Gal. Reach Form. _____ Bbl./Gal.
Actual Volume of Oil/Water to Load Hole: _____ Bbl./Gal.

Pump Trucks Used: _____
Auxiliary Equipment _____
Packer: _____ Set at _____ ft.
Auxiliary Tools _____
Plugging or Sealing Materials: Type & Amt. _____
SOB (No & Type) _____



00121396

Formation: Code 1
Open Hole Size _____ T.D. _____ ft. P.B. to _____ ft.

**BEST IMAGE
AVAILABLE**

Company Representative Steve Ricks Treater Mark Cox

TIME A.M. P.M.	PRESSURES		FLUID PUMPED DATA GAL./BBL.				REMARKS
	TUBING	CASING	TOTAL FLUID PUMPED	FLUID IN FORMATION	PUMPED PER TIME PERIOD	PUMPED PER MIN.	
9:24		6270					Test Lines
10:22	330		0		0		START Acid
10:25		3410	12		12	12.0	START Pad
10:27		3050	34		10		Shut down LEAK
10:34		600	34		0		START BACK Pad
10:38		4720	146		112	33.2	OK RATE 2 PSI
10:42		4860	250		104	33.3	START 1# 100 mesh
10:45		4880	342		92	33.3	100 mesh ON FORMATION
10:47		4880	392		50	33.2	START 2# 100 mesh
10:50		4700	484		92	33.2	2# 100 mesh ON FORMATION
10:52		4760	558		74	34.8	START 2# 20/40
10:55		4630	650		92	35.0	20/40 ON FORMATION
11:00		4570	796		146	35.0	START 3# SAND
11:03		4480	888		92	36.0	3# ON FORMATION
11:08		4470	1034		146	36.0	START 4# SAND
11:11		4370	1126		92	36.1	4# ON FORMATION
11:32		4310	1748		622	39.0	START 5# SAND
11:48		4300	2225		477	39.0	START 5# RESIN COATED SAND
11:50		4260	2304		79	39.0	START FLUSH
11:53	ISIP	3580	2375		91		Flushed
	5M.N	3510					
	10M.N	3400					
	15M.N	3360					
			TOTAL Fluid Pumped = 2400 BBL by 5 trap				
			MAX PSI = 5200#				
			MAX RATE = 39 BPM				
			Average PSI = 4500#				
			Average Rate = 36 BPM				
			TOTAL Sand Pumped 20,000# 100 mesh				
			20,000# RESIN				
			285,000# 20/40				
			325,000#				