

WELL TREATMENT REPORT

DOWELL

DWL-494-N PRINTED IN U.S.A.

DOWELL DIVISION OF DOW CHEMICAL U.S.A.

DATE

3-26-84

WELL NAME AND NUMBER

FRANK #1

LOCATION (LEGAL)

T4N R6E W

DOWELL LOCATION

COMMERCE CITY

TREATMENT NUMBER

15-10-7672

POOL / FIELD

FORMATION

CODELL

APR 13 1984

JOB DONE DOWN

TUBING ☒ CASING ☐ ANNULUS ☐

PAGE 1 OF 1 PAGES

ALLOWABLE PRESSURE

TBG: 2000 CSG: 1000

COUNTY / PARISH

WELD

STATE

COLORADO

TYPE OF WELL

OIL ☐ GAS ☐ WATER ☐ INJ. ☐

OIL API GRAVITY

VAPOR PSI

TYPE OF SERVICE

☒ Acidizing ☐ Sand Control ☐ Fracturing ☐ Other

SERVICE NAME

COLO. OIL & GAS CONS. CO. YFUG FRAC

AGE OF WELL

NEW WELL ☒ REWORK ☐

TOTAL DEPTH

BHT. (LOG)

CUST. NAME

ENERGY OIL

ADDRESS

1960 INDUSTRIAL CIRCLE

CITY, STATE ZIP CODE

LONGMONT, COLORADO

SERVICE INSTRUCTIONS:

FRAC DOWN 2 3/4 TUBING WITH 18000" 100 MESH & 157000" 20/40 PRESSURE OUT ON FINISH 7 BBL IN

FOR CONVERSION PURPOSES 24 BBLs EQUALS 1000 GALLONS

ARRIVED ON LOCATION:

LEFT LOCATION:

DIAMETER OF PERFORATIONS =

PERFORATED INTERVALS

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

TIME (0001 to 2400)	INJECTION RECORD							PRESSURE		NOTATIONS
	RATE BPM	TYPE OF FLUID	DENSITY	INCREMENT VOL BBLs	CUM. VOL BBLs	PROP TYPE	PROP #/GAL	CSG.	TBG.	
		YFUG								Pre-Job Safety Meeting
										Pre-Job Pressure Test To _____ psi
826	8			288	0			200	400	START NAE PAD
830	8				28			1000	4940	PAD TO PERFS
903	10			450	288	100 MESH	1	1000	5540	START 100 MESH @ 1PPG
906	10				316			1000	5530	100 MESA @ 1PPG TO PERFS
950	10			425	738	20/40 MESH	1	1000	5511	START 20/40 @ 1PPG
954	10				766			1000	5510	20/40 @ 1PPG TO PERFS
1032	12			1560	1163	20/40 MESH	2	1000	6140	START 20/40 @ 2PPG
1035	12				1191			1000	6009	20/40 @ 2PPG TO PERFS
1257	8.5			212	2723	20/40 MESH	2.5	1000	5510	START 20/40 @ 2 1/2 PPG
1300	8.5				2751			1000	5480	20/40 @ 2 1/2 PPG TO PERFS
1316	8.4				2883			1000	5600	START FINISH
1318	4				2880			1000	7000	SHUT DOWN
										ISIP 3600 5 MIN 3300
										10 MIN 3260 15 MIN 3240

FRAC. GRADIENT

AVG. INJECTION RATES

LIQ.

W/PROP

TOTAL FLUID

TOTAL PROP

2684

BBLs

175000

LBS.

TREATING PRESSURE SUMMARY

MAX. 7000

FINAL 7000

AVG. 55000

IMMED. S.D.P.

15 MIN. SIP

PRODUCTION PRIOR TO THIS TR.

☐ Test Stabilized

CUSTOMER REPRESENTATIVE

DOWELL SERVICE SUPERVISOR

AC hynn C. 2 hour

MATERIALS CHARGED FOR:

MTRL	QUANTITY	MTRL	QUANTITY
KCL	27740		
M-96	30		
L-55	180		
D-47	10		
S-111	4800		
S-218	55		
F-95	168		
100 MESH	18000		
20/40	157000		



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