The Eastland Oil Company

Power Grayburg Unit

Eddy County, New Mexico

November 20, 1985

Attachment to Form C-108: Statement of Proposed Maximum Injection Pressure for Water Injection Wells

Based on required injection pressure for Eastland's Kemwood Federal No. 4, a saltwater disposal well in the Power Grayburg Pool, a maximum surface pressure of 1000 psi is proposed for this secondary recovery project. A copy of the letter from the Oil Conservation Division dated July 17, 1980 authorizing this surface pressure is attached.



STATE OF NEW MEXICO

1-17-3.

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING GOVERNOR LARRY KEHOE SECRETARY

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDIN SANTA FE, NEW MEXICO 8750 (505) 827-2434

July 17, 1980

Eastland Oil Company P. O. Drawer 3488 560 One Marienfeld Place Midland. Texas 79702

Attention: George D. Neal

Re: Kenwood Federal (SWD) No. 4

SE/4 SW/4 Section 6, Township 18 South, Range 31 East, Eddy County,

New Mexico

Gentlemen:

I have reviewed your request to increase injection pressure in your Kenwood Federal No. 4.

We do not allow operators to inject at fracture pressures. Therefore, based on your fracture pressure of 1100 psi, you are hereby authorized to inject at a pressure not to exceed 1000 psi surface pressure.

Very truly yours

JOE D. RAMEY

Division Director

JDR/MH/og

ATTACHMENT TO FORM C-108, SECTION VII FRACTURE TREATMENTS POWER GRAYBURG POOL EDDY COUNTY, NEW MEXICO

#3	#2	SIBYL FEDERAL #1	#4	#3	#2	KENWOOD FEDERAL #1	#2	ALLIED FEDERAL #1	#4	ARCO FEDERAL #1	THE EASTLAND OIL COMPANY	OPERATOR LEASE & WELL NO.
3308-3374	3302-3428	3194-3229	3506-3598	3315-3441	3316-3427	3334-3462	3333-3444	3392-3486	3400-3524	3410-3514		PERFS TOP-BOTTOM
14	15	16	38	16	19	16	14	15	22	17		NO. OF FEET OPEN
10,000 GALS	30,000 GALS	30,000 GALS	30,000 GALS	30,000 GALS WTR	15,000 GALS WTR	30,000 GALS WTR		T FLUID				
11,000#	30,000#	30,000#	33,000#	30,000#	30,000#	30,000#	30,000#	30,000#	30,000#	30,000#		TREATMENT SAND
GELLED KCL WTR	GELLED KCL WTR	GELLED KCL WTR	GELLED WATER	GELLED KCL WTR		TYPE						
19	25	25	17	23	25	25	25	26.5	20	25		RATE BPM
2300	2000	1900	2400	2600	2300	2200	2000	2500	2280	2500		TREATING PRESS.
1050	1150	1000	1200	1050	1100	1050	1000	975	1370	950		ISDP
950	1000	800	1100	950	1000	950	 	800	1200	600		15 MIN SIP

AVERAGE 11 - WELLS

1081