



OCT 28 1969

October 27, 1969

PHONE 682-5241  
ADDRESS REPLY TO:  
BOX 1659  
MIDLAND, TEXAS 79701

Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.  
Secretary - Director

Re: Application for Administrative  
Approval to Convert Well No.  
13-12 to Water Injection  
MALMAR UNIT

Gentlemen:

As provided by Commission Order No. R-2155 dated January 3, 1962, Great Western Drilling Company, as operator of the Malmar Unit, requests administrative approval for the conversion of the following unit well to water injection: Well No. 13-12, Unit L, Section 13, Township 17 South, Range 32 East, Lea County, New Mexico.

To date the Malmar Unit has been expanded in five stages under the following administrative orders.

<u>WFX No.</u>	<u>Date</u>	<u>Wells</u>
142	6-24-63	7-6, 7-10, 7-16, 13-2, 13-8
151	9-3-63	12-10, 12-14
161	12-26-63	13-4, 13-6
183	9-25-64	12-12
244	11-29-66	13-14

In support of this application, the following exhibits are attached: 1. A plat of the area showing the status of unit wells and offset operators; 2. A log of the proposed injection well; 3. A diagrammatic sketch of the proposed injection well.

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Anticipated water injection rate into this well is 200 BWPD. Water for the proposed expansion will be obtained from the Yucca Water Company.

A copy of this application with attached data is being forwarded by certified mail to the offset operators.

Yours very truly,

GREAT WESTERN DRILLING COMPANY



R. I. Comstock

RIC:JC

cc: NM Oil Conservation Comm.  
Box 1980  
Hobbs, NM 88240

U. S. Geological Survey  
P. O. Drawer 1857  
Roswell, NM 88201

cc By Certified Mail:

Continental Oil Company  
P. O. Box 460  
Hobbs, NM 88240

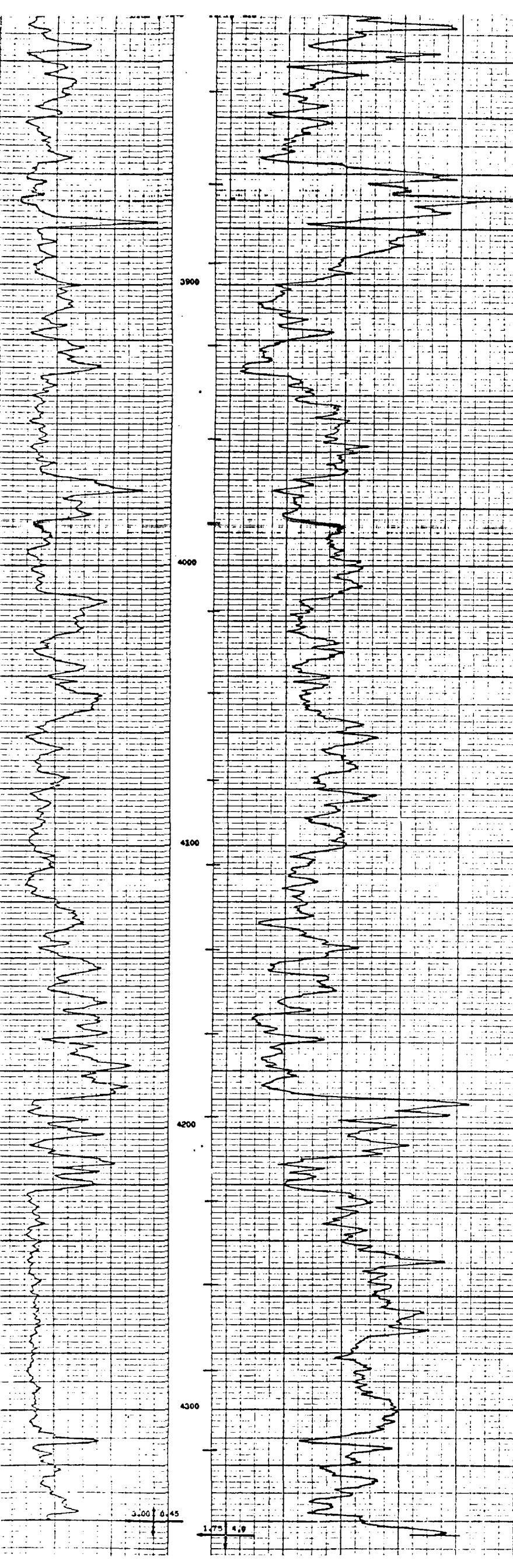
Murphy H. Baxter  
1126 Vaughn Building  
Midland, TX 79701

Getty Oil Corporation  
Petroleum Life Building  
Midland, TX 79701

Shenandoah Oil Corporation  
Hightower Building  
Oklahoma City, OK

Sinclair Oil & Gas Company  
P. O. Box 1470  
Midland, TX 79701

Texaco, Inc.  
P. O. Box 728  
Hobbs, NM 88240



Simultaneous

# Radiation Log

LOG NO.	20333	COMPANY	SANTIAGO OIL & GAS COMPANY						
STATION	HOUS	WELL	FIELDER TRUST # 9						
TRUCK NO.	CR-38	FIELD	MALJAMAR						
SANTIAGO OIL & GAS COMPANY	FIELDER TRUST # 9	MALJAMAR	LEA	NEW MEXICO	COUNTY STATE	LEA, NEW MEXICO			
					LOCATION	1980' PBL 660' PUL OF SEC.			
					LOG MEAS. FROM	14' ABOVE G.L. ELEV. 4556			
					ORIG. MEAS. FROM	ELEV.			
					PERMANENT DATUM G.L.	ELEV. 409P			
Casing Record	Bore Hole Record	SIZE - WT. #	FROM	TO	BIT SIZE -"	FROM	TO		
		5 1/2	SURF	4346	7 7/8	SURF	4346		
TYPE OF LOG	GAMMA RAY - NEUTRON								
LOG NO.	ONE								
DATE	11-27-59								
TOTAL DEPTH - DRILLER	4350								
TOTAL DEPTH - P.G.A.C.	4346								
FLUID IN HOLE	OIL								
FLUID LEVEL	260								
MAXIMUM TEMPERATURE	-								
INSTRUMENT O.D. AND NO.	3 5/8 - 241								
INSTRUMENT TYPE	TA - PH - 125								
NEUTRON SOURCE TYPE	RB - 600								
SPS FOR CALIB. STD. - CR	100								
- M	150								
NEEDLE SENS. 4"/100 SNU	220								
RECORDED BY	CURRY - EILAND								
INTERPRETED BY	MCLELLAN								
LOGGED INTERVAL RECORD									
SCALE	FROM	TO	SPEED	GAMMA RAY		NEUTRON			
				SENSITIVITY	T.C.	SENSITIVITY	T.C.		
FT./MIN.	FT.	FT.	FT./MIN.	REC'D	SCALE/FT./MIN.	REC'D	SCALE/FT./MIN.		
2	3500	SURF	60	70	0.45	2	165	3.0	2
2	4345	3500	15	70	0.45	4	220	4.0	4
5	4345	3500	15	70	0.45	4	220	4.0	4
LOG ZERO AND SCALE DRIFT.							REMARKS: INSTRUMENT RUN FREE.		
IN TO SCALE -									
ZERO SCALE -									
* GAMMA RAY - IN./CM/HR.									
* NEUTRON - IN./100 S.N.U.									

LARGE FORMAT  
EXHIBIT HAS  
BEEN REMOVED  
AND IS LOCATED  
IN THE NEXT FILE

MALMAR UNIT WELL NO. 13-12  
Unit L - 1980' FSL & 660' FWL  
Section 13-17S-32E  
Elev. Top of Tbg. Head - 4998.4'

