



TEXAS AMERICAN OIL CORPORATION

OIL PRODUCERS

MIDLAND, TEXAS 79701

April 29, 1970

WFX Dan 339

Harlan

Mr. A.L. Porter, Jr.
Secretary - Director
Oil Conservation Commission
P.O. Box 871
Santa Fe, New Mexico

Re: Case No. 2966
Order No. R-2635
~~Harlan Production Company~~
Waterflood Project, Eddy
County, New Mexico

Dear Sir:

On January 13, 1964, the above named order authorized Harlan Production Company (now Texas American Oil Corporation) to institute a waterflood project in the Grayburg-Jackson Pool by injection of water into the Queen formation through the following described wells in Township 17 South, Range 30 East, NMPM, Eddy County, New Mexico;

SECTION 16

Etz A State No. 2, 1980 feet from the South line and 660 feet from the West line;

Etz C State No. 9, 1370 feet from the North line and 660 feet from the West line;

Etz C State No. 10, 1370 feet from the North line and 1980 feet from the West line;

SECTION 17

McIntyre "D" well No. 7, 1980 feet from the North line and 660 feet from the East line.

Injection was commenced into the above wells July 16, 1964.

Under provisions of Rule 701-E-5, the Commission granted Administrative Order WFX No. 214, dated June 21, 1965, permission to expand this Queen Waterflood project by injecting into the below listed well;

Etz J State well No. 2, 2310 feet from the South line and 2310 feet from the East line, Section 16, Township 17 South, Range 30 East, NMPM.

Injection was started into this well in September 1965.

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Waterflood Project

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Under the provisions of Rule 701-E-5, "Commission Rules and Regulations," Texas American Oil Corporation now requests administrative approval to convert the following described wells in Township 17 South, Range 30 East, NMPM, Eddy County, New Mexico to water injection;

Etz C State well No. 8, 1980 feet from the North line and 660 feet from the West line; *of 500 ft;*

Etz C State well No. 12, 1980 feet from the North line and 2310 feet from the West line; *of 500 ft;*

These proposed injection wells have been "wattered out" due to the advanced stage of the Queen Sand Waterflood. Improved flood sweep efficiency can be accomplished by this change.

The following exhibits are attached;

1. Proposed plan to inject into Etz C State No. 8 and No. 12
2. Plat of the Queen Sand area Showing lease ownership, location of the proposed injection well and other injection or producers
3. Plat of the Grayburg-Jackson Pool
4. Copy of March 1970 Monthly Injection Report, Form C-120
5. Copy of letter submitting this application to offset operators, R.D. Collier, Kersey & Company and Getty Oil Company

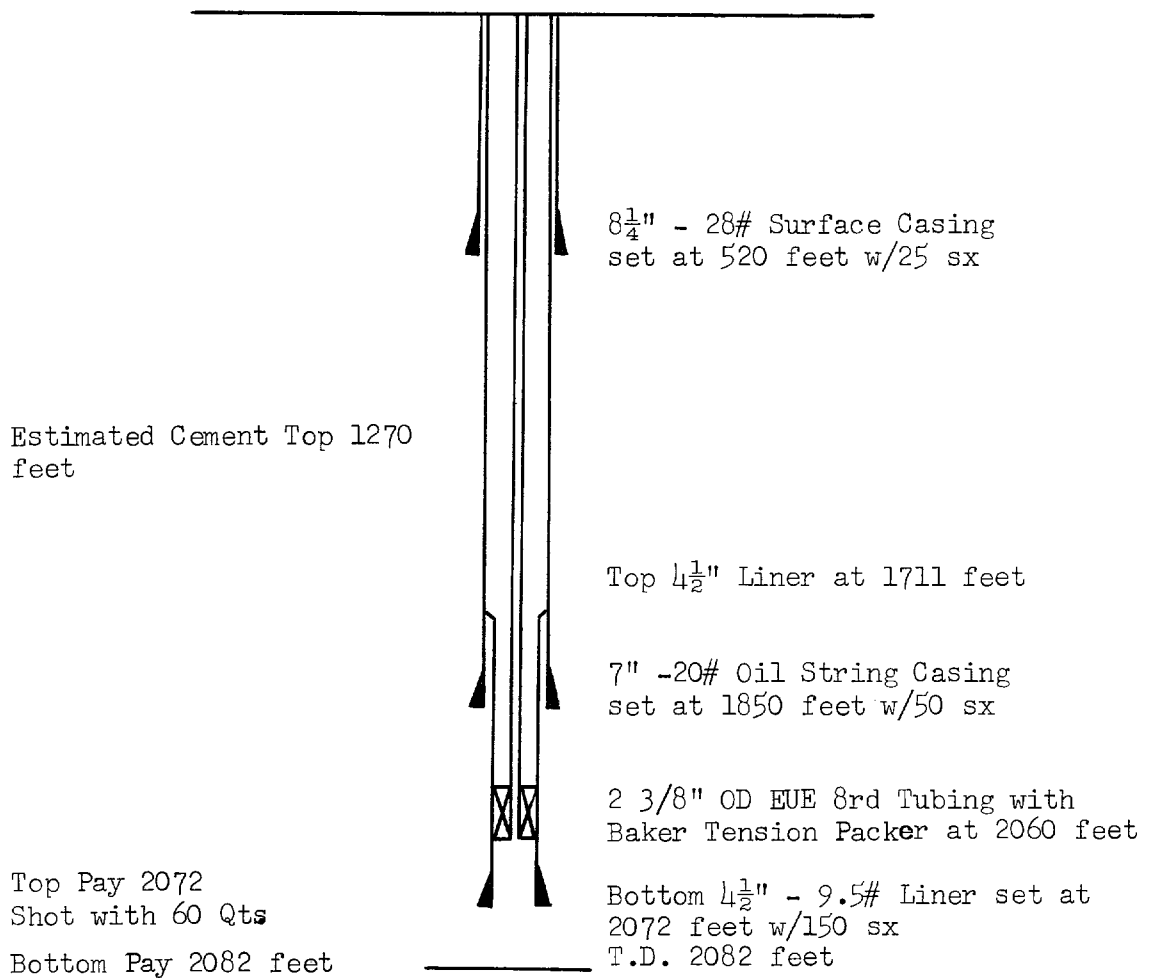
Yours very truly,

Roy K. Valla

Production Manager

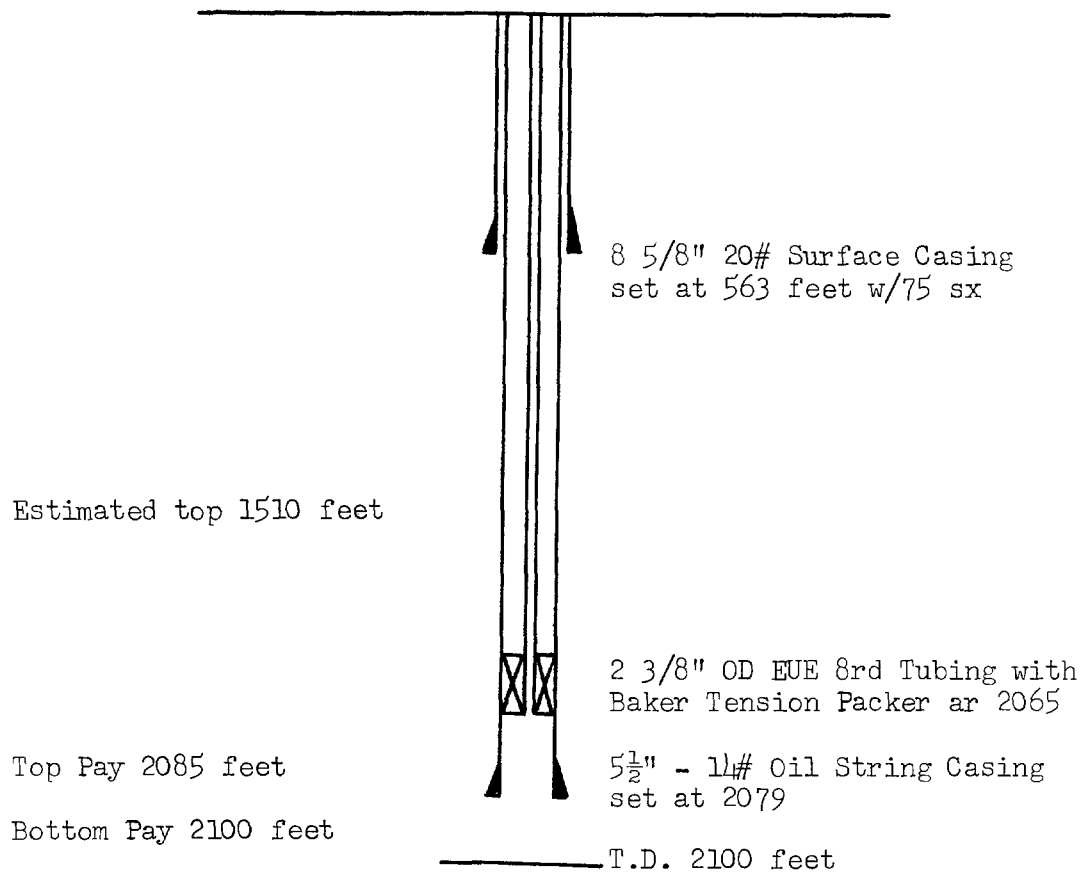
Proposed Water Injection Well
Etz C State No. 8

SW, NW, Sec. 16, T-17-S, R-30-E
Grayburg Jackson Pool
Eddy County



Proposed Water Injection Well
Etz C State No. 12

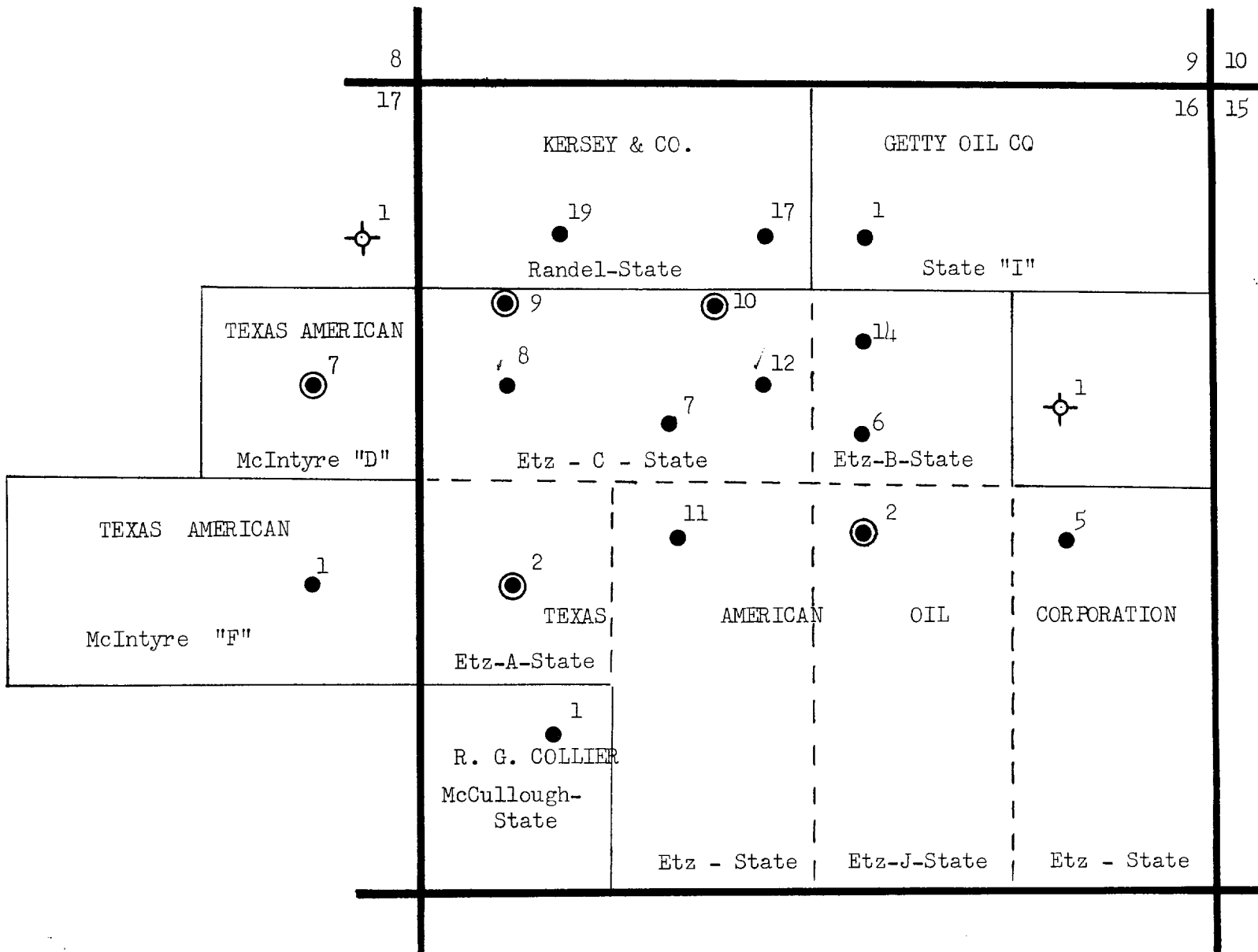
SE, NW, Sec. 16, T-17-S, R-30-E
Grayburg Jackson
Eddy County





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QUEEN SAND

Grayburg Jackson Pool
Section 16 and 17, T-17-S, R-30-E
Eddy County, New Mexico

Scale 1" = 1000'

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-120
(Revised 5-1-60)

MONTHLY INJECTION REPORT

Submit this report in triplicate to the District Office, Oil Conservation Commission.

Company TEXAS AMERICAN OIL CORPORATIONPool GRAYBURG-JACKSONCounty EDDYMonth MARCH 1970

INJECTION WELLS (Attach additional sheets if necessary)

LEASE	WELL NO.	LOCATION				MCF GAS INJECTED	CUMULATIVE GAS INJ.	BBLs. WATER INJECTED	CUMULATIVE WATER INJ.	AVG. INJ. PRESSURES
		UL	S	T	R					
Etz A State	2	L	16	17	30			1,483	241,974	1175
Etz C State	9	E	16	17	30			975	194,012	1175
	10	F	16	17	30			3,515	465,473	1175
Etz J State	2	J	16	17	30			3,538	203,353	1100
McIntyre "D"	7	H	17	17	30			4,991	520,172	50
TOTAL								11,502	1,624,984	

PRODUCING WELLS (Attach additional sheets if necessary)

LEASE	WELL NO.	LOCATION				BBLs. OIL PRODUCED	MCF GAS PRODUCED	GOR	BBLs. WATER PRODUCED	% WATER PRODUCED
		UL	S	T	R					
Etz State	5	I	16	17	30	310			0	0
	11	K	16	17	30	54			310	85
Etz B State	6	G	16	17	30	248			2,015	89
	14	G	16	17	30	120			248	67
Etz C State	7	F	16	17	30	46			248	84
	12	F	16	17	30	0			0	0
	8	E	16	17	30	0			0	0
McIntyre "F"	1	I	17	17	30	19			155	89
TOTAL						797			2,976	79

PRODUCING WELLS OUTSIDE A PRORATED WATERFLOOD PROJECT AREA WHICH ARE PRODUCING INTO COMMON FACILITIES WITH WELLS INSIDE A PRORATED WATERFLOOD PROJECT AREA (Attach additional sheets if necessary)

LEASE	WELL NO.	LOCATION				DATE OF TEST	LENGTH OF TEST	BARRELS PRODUCED	BARRELS PER DAY
		UL	S	T	R				
Etz State	1	N	16	17	30	3-31-70	31 days	62	2
Etz State	3	K	16	17	30	3-31-70	31 days	17	1
Etz State	1	G	16	17	30	3-31-70	31 days	62	2

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Remarks: _____ NAME _____

TITLE Petroleum Engineer



TEXAS AMERICAN OIL CORPORATION

OIL PRODUCERS

MIDLAND, TEXAS 79701

April 29, 1970

Getty Oil Company
P.O. Box 547
Hobbs, New Mexico

Kersey & Company
P.O. Box 316
Artesia, New Mexico 88210

R.D. Collier
Artesia, New Mexico 88210

Gentlemen:

The attached copy of our application to the New Mexico Oil Conservation Commission asks permission to inject water into Etz C State well No. 8 and No. 12, located in Section 16, Township 17 South, Range 30 East, Grayburg Jackso Pool, Eddy County, New Mexico.

Yours very truly,

A handwritten signature in cursive script that reads 'Roy K. Valla'.

Roy K Valla
Production Manager