

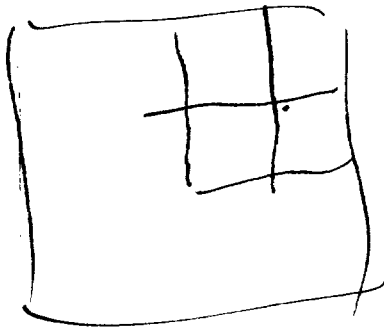
General American Oil Company of Texas
Keely B No. 13

1345' from North line and 1295' from East line of Section 26, Township
17 South, Range 29 East, N.M.P.M., Eddy County, New Mexico.

Present Status: T.D. 5076', P.B. 3050'. 10 3/4" OD casing from surface
to 910', cement circulated. 7" OD casing from surface
to 2820', cemented with 210 sacks cement, and from 3020'
to 3420', cemented with 125 sacks.

Geologic Tops: Elevation - 3588'
Top Salt - 375' (Smpls.)
Base Salt - 782' (Smpls.)
Top Yates - 955' (Smpls.)
Top Queen - 1878' (RA Log)
Top Grayburg - 2222' (Smpls.)
Top San Andres - 2613' (RA Log)
Top Glorieta - 4150' (Smpls.)

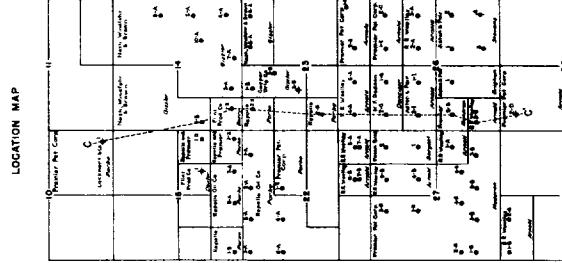
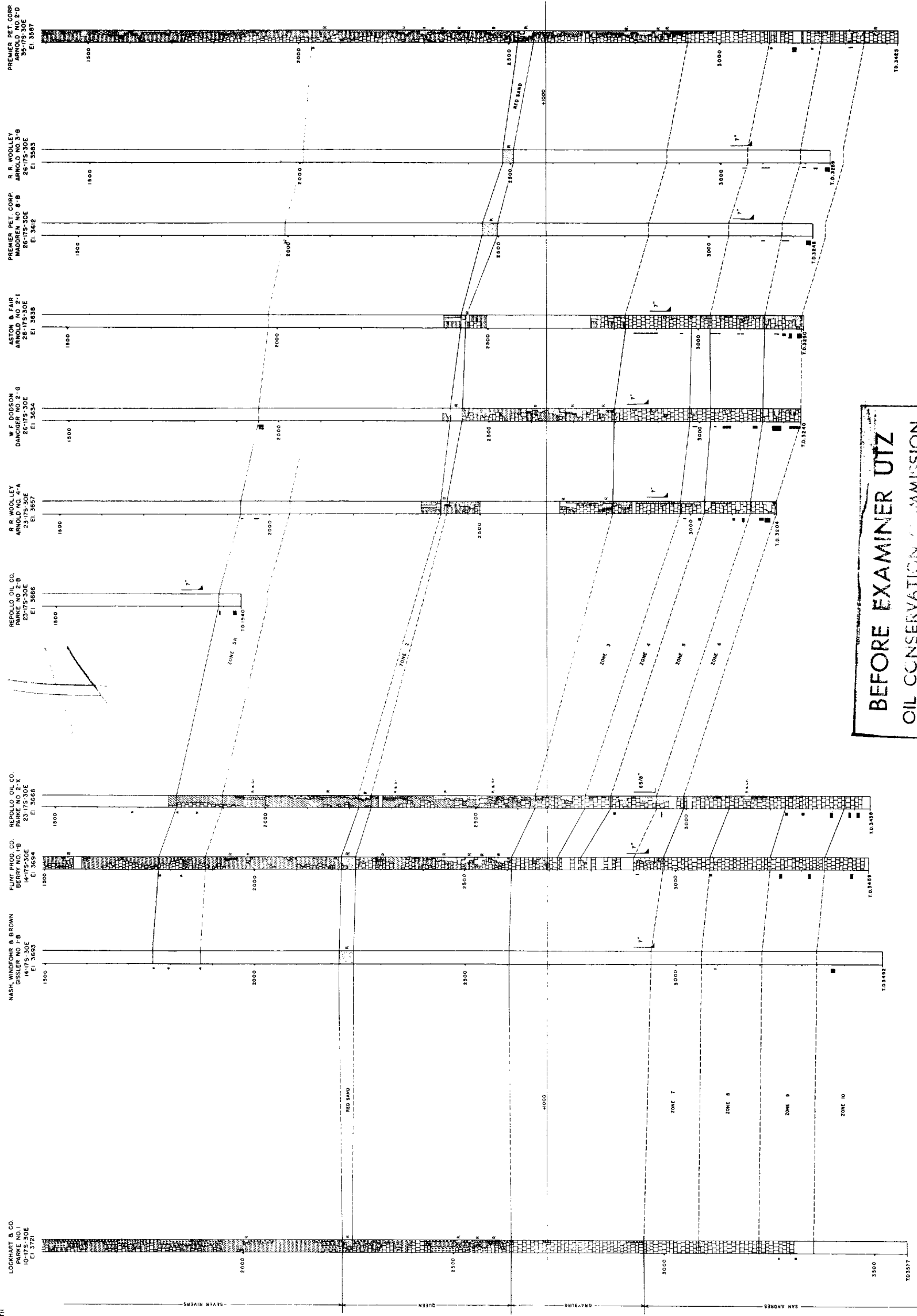
Proposed Conversion Program: We propose to drill out cement plug to 3537',
test Grayburg-Keely Zone, stimulate if necessary, set
drillable packer in 7" casing at 3400', run internally
plastic-coated tubing and commence injecting water into
Grayburg-Keely Zone. Injection water will be produced
from Pennsylvanian formation from 9265' to 9299' in
water supply well. Injection volumes are expected to
be from 500 to 1000 barrels water per day.



BEFORE EXAMINER UTZ	
OIL CONSERVATION COMMISSION	
EXHIBIT NO.	4
FILE NO.	2639

NORTH

SOUTH



BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
Utz EXHIBIT NO. *18*
CASE NO. *18*

- LEGEND
- Casing cemented
 - Casing and packer not cemented
 - Gas
 - Oil-Sight show
 - Oil-Slow
 - Oil-Pay
 - Anhydrite
 - Gypsum
 - Salt
 - Limestone or dolomite
 - Bandolite
 - Shale or clay other than red
 - Red shale or red clay
 - Sand or sandstone other than red
 - Red sand

CROSS SECTION C-C
GRAYBURG-JACKSON AND PREMIER FIELDS
EDDY COUNTY, NEW MEXICO

EXHIBIT No. *18*

LEASE	WELL NO.	LOCATION	MAY 1959		GRAV. °API	COMPLETION DATE	INITIAL POTENTIAL		CASING		STIMULATION			TOP GRAYBURG	ZONES PRODUCING	GEOLOGIC DATA		
			STATUS	CAPACITY BBL/MO.			BEFORE SHOT OIL/WATER	AFTER OIL/WATER	SURF	OIL	DATE	TYPE	AMOUNT			DEPTH AND RESULTS	CUMULATIVE PRODUCTION TO 1-1-58	WELL DATA
STEVENS	1-B	J-26-17-30	PUMPING	80	35	9/11/42	75/		8-5/8/525/50SX	7/2932/100SX	9/14/42 10/28/55	NITRO FRAC	90 QTS. 10 MG. 15M#	3262-3295 2 B/D TO 32 B/D TO 6 B/D JULY 56	44552	6	3274(11)	
STEVENS	2-B	I-26-17-30	PUMPING	77	35	4/29/43	100/	250/	7/552/50SX	5-3/4/2915/100SX	5/4/43 9/3/55	NITRO FRAC	50 QTS. 10 MG. 15M#	3266-82 2 B/D TO 40 B/D TO 6 B/D JAN. 57	37602	6	3264(9)	
STEVENS	3-B	L-26-17-30	PUMPING	50	35	7/30/43	8/	50/	8-5/8/541/50SX	5-3/4/2498/100SX	7/31/43	NITRO	180 QTS.	3206-88	28891	6	3270(12)	
STEVENS	4-B	P-26-17-30	P&A (DRY HOLE)		-	6/11/44	0/	0/	8-5/8/ /50SX	-	6/15/44	NITRO	200 QTS.	3240-3290	-		2890	
STEVENS	5-B	L-25-17-30	PUMPING	50	35	10/12/43		225/	8-5/8/556/50SX	7/3111/100SX	10/16/43	NITRO	120 QTS.	3205-3255	40560	6	BKN 3213(37)	
STEVENS	6-B	K-25-17-30	PUMPING	76	35	3/9/44	100/	200/	8-5/8/520/50SX	5-3/4/3171/100SX	3/11/44 11/17/55	NITRO FRAC	140 QTS. 10 MG. 15M#	3232-86 3 B/D TO 40 B/D TO 5 B/D JAN. 57	38629	6	3242(6) BKN 3267(8)	
STEVENS	7-B	M-25-17-30	PUMPING	50	35	12/29/43		60/	8-5/8/547/50SX	7/3136/100SX	1/2/44	NITRO	60 QTS.	3282-3305	33710	6	3293(14)	
STEVENS	8-B	N-25-17-30	P&A (8/15/51)	-	-	8/7/44	49/21		8-5/8/550/50SX	5-3/4/2950/100SX					20953	6	3324(8) W 3334(6)	
ARNOLD	1	F-26-17-30	T.A.	68	35	9/27/42		300/	8-5/8/534/50SX	7/2975/100SX	11/6/42	NITRO	180 QTS.	3199-3276	28630	6	3215(7) 3235(7)	
ARNOLD	2	E-26-17-30	PUMPING	176	35	9/24/42	75/	250/	8-5/8/530/50SX	7/2932/100SX	11/12/55	NITRO FRAC	200 QTS. 10 MG. 15M#	3170-3250 2 B/D TO 40 B/D	35039	6	3230(4) BKN 3254(17)	
BRIGHT	1	K-26-17-30	T.A.	-	-	3/14/42	59/	250/	8-5/8/580/50SX	7/2833/100SX	3/16/42	NITRO	50 QTS.	3235-64	19660	6	3253(10)	

Some of these
fractures may be
dual gas-seal. info.
Weep. seal. (Cac 1787)

Ex. 8

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 2639
Order No. R-2327

APPLICATION OF GENERAL AMERICAN OIL
COMPANY OF TEXAS FOR APPROVAL OF A
WATERFLOOD PROJECT, EDDY COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on September 11, 1962, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 3rd day of October, 1962, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Utz, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, General American Oil Company of Texas, is the operator of Sections 23 and 26, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico.
- (3) That the applicant requests approval of a pilot water-flood project in the Grayburg-Jackson Pool on the above-described lands with the injection of water into the Grayburg-Keely zone of the San Andres formation through its Keely "B" Well No. 13, located in Unit H, Section 26, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico.
- (4) That the wells in the proposed project area are in an advanced stage of depletion and should be classified as "stripper" wells.
- (5) That approval of the subject application should result in the recovery of oil which otherwise might not be recovered,

-2-

CASE No. 2639
Order No. R-2327

and will neither cause waste nor impair correlative rights; provided, however, that unless agreed to by all parties, the transfer of allowables across lease lines where royalty ownership is diverse should not be authorized.

IT IS THEREFORE ORDERED:

(1) That the applicant, General American Oil Company of Texas, is hereby authorized to institute a pilot waterflood project in the Grayburg-Keely zone of the San Andres formation in the Grayburg-Jackson Pool by the injection of water through its Keely "B" Well No. 13, located 1345 feet from the North line and 1295 feet from the East line of Section 26, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico.

(2) That the waterflood project shall be governed by Rule 701 including the allowable provisions thereof.

PROVIDED HOWEVER, That unless otherwise agreed to by all parties and evidence thereof furnished the Commission, the transfer of allowables within the project area of this waterflood shall be authorized only insofar as the transfer is made between wells having common royalty ownership.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



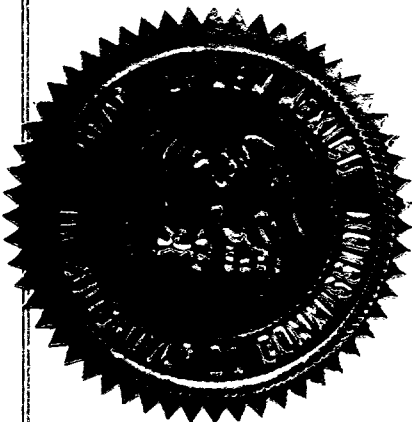
EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



A. L. PORTER, Jr., Member & Secretary



esr/