

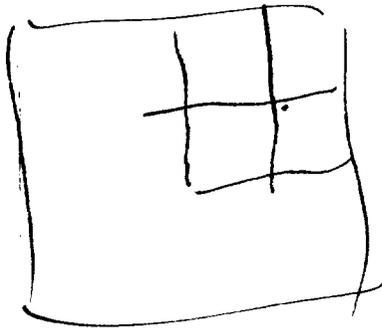
General American Oil Company of Texas  
Keely B No. 13

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.)

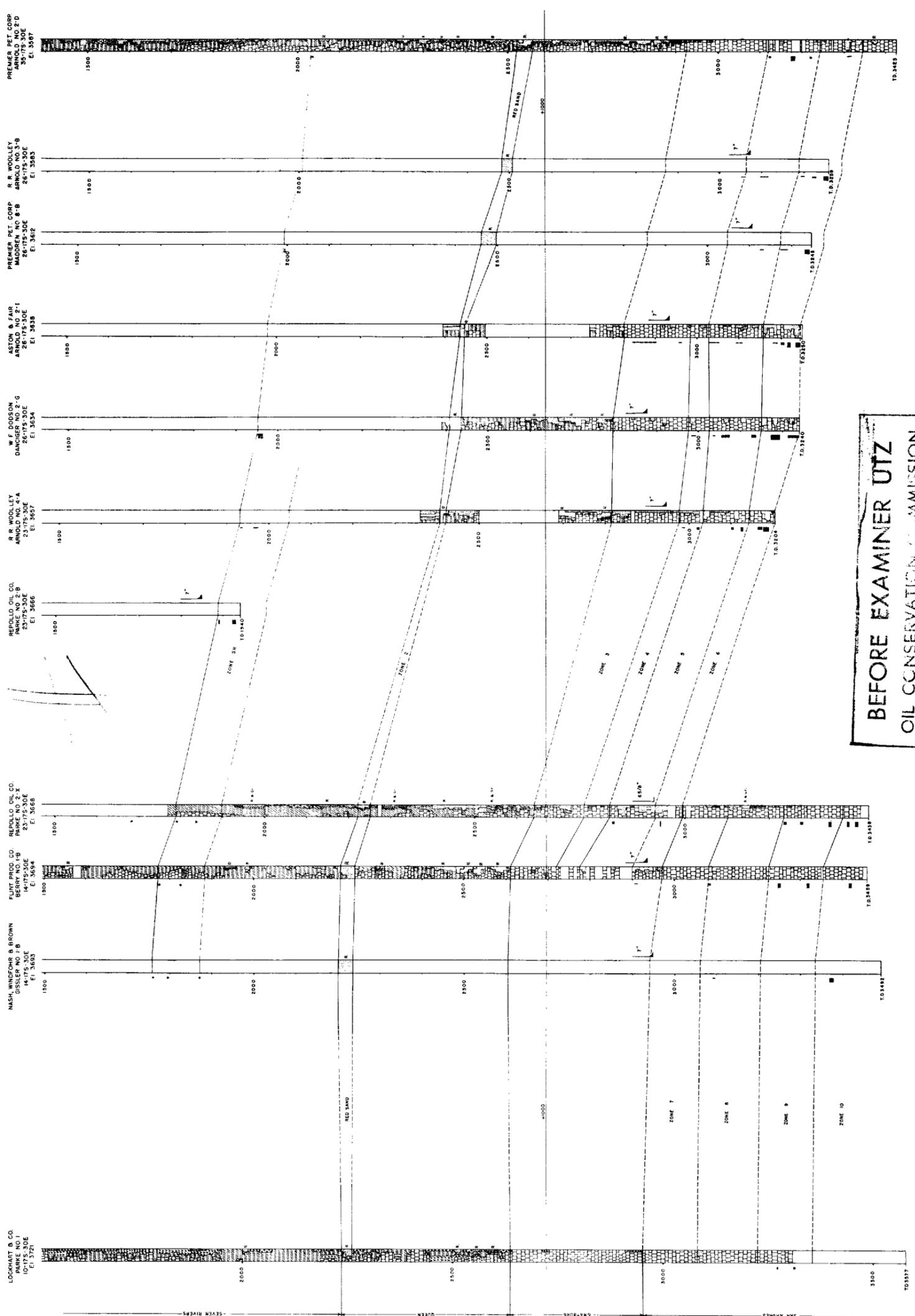
Proposed Conversion Program: We propose to drill out cement plug to 3537',  
test Grayburg-Keely Zone, stimulate if necessary, set  
drillable packer in 7" casing at 3400', run internally  
plastic-coated tubing and commence injecting water into  
Grayburg-Keely Zone. Injection water will be produced  
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. <u>4</u>
WELL NO. <u>2639</u>

NORTH

SOUTH



LOCKHART & CO  
10-175-30E  
E1 3721

NASH, WINDFORD & BROWN  
14-175-30E  
E1 3693

FLUTE PROD. CO  
14-175-30E  
E1 3694

REPOLLO OIL CO.  
23-175-30E  
E1 3668

REPOLLO OIL CO.  
23-175-30E  
E1 3666

R. R. WOOLLEY  
23-175-30E  
E1 3657

W. F. DODSON  
26-175-30E  
E1 3634

ASTON & FAIR  
26-175-30E  
E1 3638

PREMIER PET. CORP  
26-175-30E  
E1 3612

R. R. WOOLLEY  
28-175-30E  
E1 3583

PREMIER PET. CORP  
28-175-30E  
E1 3597

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

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

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

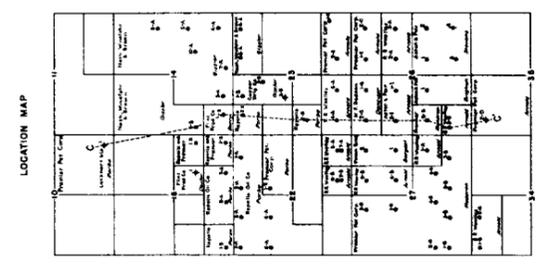


EXHIBIT No. 7

WELL DATA

STIMULATION

LEASE	WELL NO.	LOCATION	ELEVATION	MAY 1952		GRAV. ° API	COMPLETION DATE	INITIAL POTENTIAL		SURF	CASING	OIL	TOTAL DEPTH	DATE	TYPE	AMOUNT	DEPTH AND RESULTS	CUMULATIVE PRODUCTION TO 1-1-58	TOP GRAYBURG	ZONES PRODUCING	GEOLOGIC DATA TOP_ZONE & THICKNESS
				STATUS	CAPACITY BBL/MO.			BEFORE SHOT OIL/WATER	AFTER SHOT OIL/WATER												
STEVENS	1-B	J-26-17-30	3580	PUMPING	80	35	9/11/42	100/	75/	8-5/8/525/50SX	7/2932/100SX	100SX	3295	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	2907	6	3274(11)
STEVENS	2-B	I-26-17-30	3559	PUMPING	77	35	4/29/43	8/	250/	7/552/50SX	5-3/4/2915/100SX	100SX	3282	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	2890	6	3264(9)
STEVENS	3-B	L-26-17-30	3545	PUMPING	50	35	7/30/43	8/	50/	8-5/8/541/50SX	5-3/4/2998/100SX	100SX	3291	7/31/43	NITRO	180 QTS.	3240-3290	28891	2860	6	3270(12)
STEVENS	4-B	P-26-17-30	3535	P&A (DRY HOLE)	-	-	6/11/44	0/	0/	8-5/8/ /50SX	-	-	3750	6/15/44	NITRO	200 QTS.	3240-3290	-	2890	6	BKN 3213(37)
STEVENS	5-B	L-25-17-30	3568	PUMPING	50	35	10/12/43	225/	225/	8-5/8/556/50SX	7/3111/100SX	100SX	3300	10/16/43	NITRO	120 QTS.	3205-3255	40560	2880	6	BKN 3213(37)
STEVENS	6-B	K-25-17-30	3567	PUMPING	76	35	3/9/44	100/	200/	8-5/8/520/50SX	5-3/4/3171/100SX	100SX	3290	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	2885	6	3242(6) BKN 3267(8)
STEVENS	7-B	M-25-17-30	3542	PUMPING	50	35	12/29/43	60/	60/	8-5/8/547/50SX	7/3136/100SX	100SX	3311	1/2/44	NITRO	60 QTS.	3282-3305	33710	2910	6	3293(14)
STEVENS	8-B	N-25-17-30	3552	P&A (8/15/51)	-	-	8/7/44	49/21	49/21	8-5/8/550/50SX	5-3/4/2950/100SX	100SX	3341		NITRO			20953	2935	6	3324(8) W 3334(6)
ARNOLD	1	F-26-17-30	3645	T.A.	68	35	9/27/42	300/	300/	8-5/8/534/50SX	7/2975/100SX	100SX	3302	11/6/42	NITRO	180 QTS.	3199-3276	28630	2825	6	3215(7) 3235(7)
ARNOLD	2	E-26-17-30	3638	PUMPING	176	35	9/24/42	75/	250/	8-5/8/530/50SX	7/2932/100SX	100SX	3249	11/12/55	NITRO FRAC	200 QTS. 10 MG. 15M#	3170-3250 2 B/D TO 40 B/D	35039	2850	6	3230(4) BKN 3254(17)
BRIGHAM	1	K-26-17-30	3602	T.A.	-	-	3/14/42	59/	250/	8-5/8/580/50SX	7/2833/100SX	100SX	3264	3/16/42	NITRO	50 QTS.	3235-64	19660	2885	6	3253(10)

Some of these wells were never completed (see 1787)

6611  
 (1787) ...  
 Street

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.

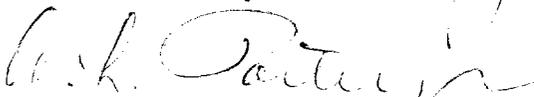
STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



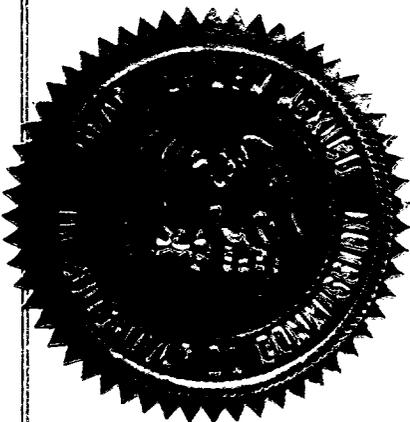
EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



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



esr/