

EXHIBIT "D"

DATA ON PROPOSED WATER INJECTION WELLS
YOUNG (QUEEN) UNIT
YOUNG FIELD, LEA COUNTY, N.M.

OPERATOR & WELL	SECTION TOWNSHIP RANGE	COMPLETION DATE	NUMBER OF INJECTION ZONES	SURFACE CASING DATA		OIL STRING CASING DATA		PRODUCING SAND DEPTH		INTERVAL - FEET	
				DIAMETER INCHES	SETTING DEPTH & QUANTITY SET FT.	DIAMETER INCHES	SETTING DEPTH & QUANTITY SET FT.	UPPER QUEEN (RED SAND) PERFORATIONS	LOWER QUEEN (PENROSE SAND) PERFORATIONS	OPEN HOLE	OPEN HOLE
BEARD OIL COMPANY YOUNG FEDERAL #3	20-18S-32E	7- 1-57	*DUAL	8 5/8	1054	5 1/2	4101	-	4058-71	-	-
	YOUNG FEDERAL #4	11- 1-57	SINGLE	8 5/8	1076	5 1/2	3849	3796-804	-	-	-
	YOUNG FEDERAL #5	4-12-58	DUAL	8 5/8	1001	5 1/2	4012	3746-58	3964-80	-	-
CONTINENTAL OIL COMPANY COX FEDERAL #3	17-18S-32E	1- 7-55	SINGLE	8 5/8	347	5 1/2	3808	3748-68	-	-	-
	WALKER FEDERAL #1	12-31-57	SINGLE	8 5/8	1071	5 1/2	3860	3810-24	-	-	-
MINN-TEX OIL COMPANY YOUNG FEDERAL #4	17-18S-32E	6- 2-56	SINGLE	8 5/8	432	5 1/2	3824	3760-76	-	-	-
	BARTON FEDERAL #1	6- 1-56	*DUAL	7	641	5 1/2	4048	-	-	4048-75	-
BARTON FEDERAL #3	29-18S-32E	6-29-61	SINGLE	8 5/8	1036	4 1/2	4041	-	3938-56	-	-
	EDWARDS FEDERAL #1	12-24-64	SINGLE	8 5/8	1063	4 1/2	4157	-	4066-67	-	-
LEA STATE "HS" #1	16-18S-32E	10- 5-57	SINGLE	8 5/8	272	5 1/2	3873	3822-36	-	-	-
	LEA STATE "HS" #3	7- 2-58	SINGLE	7	1072	4 1/2	3900	3832-52	-	-	-
YOUNG FEDERAL #4	20-18S-32E	7-29-46	SINGLE	8 5/8	975	5 1/2	3740	-	3740-65	-	-
	YOUNG FEDERAL #7	10-28-57	**DUAL	8 5/8	1035	5 1/2	4135	3786-813	-	-	-
YOUNG FEDERAL #8	20-18S-32E	9- 5-57	*DUAL	8 5/8	1045	5 1/2	4062	-	3994-4024	-	-
	YOUNG FEDERAL #10	9- 2-57	SINGLE	8 5/8	1017	5 1/2	3845	3748-52	-	-	-
YOUNG FEDERAL #11	17-18S-32E	9-17-57	SINGLE	8 5/8	1091	5 1/2	3841	3756-58	-	-	-
								3760-66	-	-	-
								3771-81	-	-	-
								3727-37	-	-	-
								3742-46	-	-	-
								3754-58	-	-	-
								3762-70	-	-	-

NOTES: The Depths To The Top Of Casing String Cement Are Unknown

Plans are to (1) use Packers and 2 inch tubing in all injection wells, (2) set Packers in the casing between injection zones in dual injectors and near the seat in single zone injectors.

* To be perforated in Upper Queen (Red Sand) before converting to water injection service
 ** To be perforated in Lower Queen (Penrose Sand) before converting to water injection service

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION

SECTION NO. 3876 + 3877 NUMBER OF INJECTION ZONES 5
 EXHIBIT NO. 5
 DATE 7-1-57

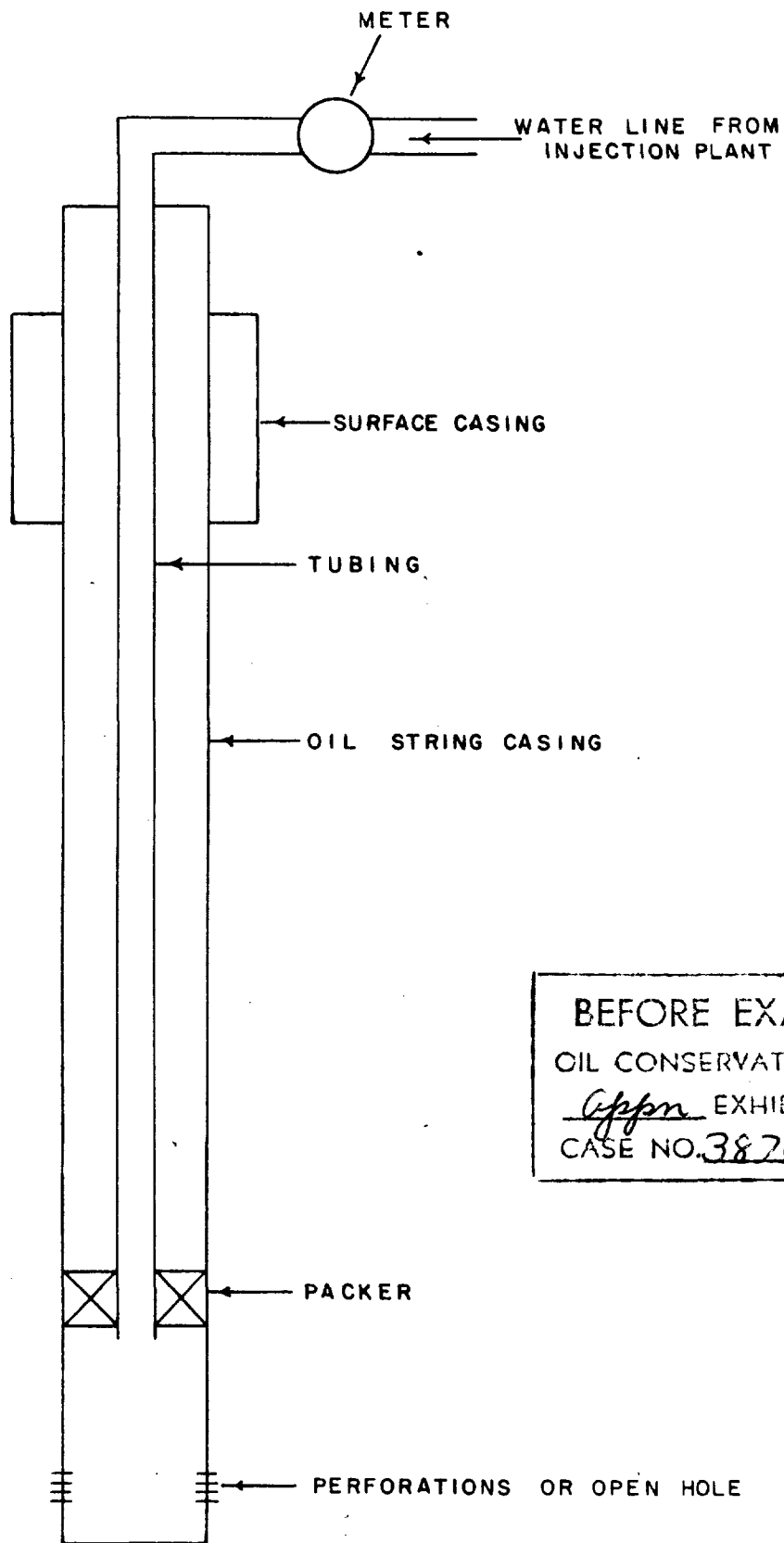
ATTACHMENT TO EXHIBITS NO. 3876 + 3877
 DATA ON PROPOSED WATER INJECTION WELLS
 YOUNG (QUEEN) UNIT
 YOUNG FIELD, LEA COUNTY, N.M.

OPERATOR & WELL	SECTION RANGE	COMPLETION DATE	ZONES	SURFACE CASING DATA		OIL STRING CASING DATA		PRODUCING SAND DEPTH INTERVAL - FEET				
				DIAMETER INCHES	SETTING DEPTH & QUANTITY SET FT.	DIAMETER INCHES	SETTING DEPTH & QUANTITY SET FT.	UPPER QUEEN (RED SAND) PERFORATIONS	OPEN SAND) OPEN HOLE	LOWER QUEEN (PENROSE SAND) PERFORATIONS	OPEN HOLE	
BEARD OIL COMPANY	YOUNG FEDERAL #3	20-18S-32E	7-1-57	*DUAL	8 5/8	1054	5 1/2	4101	3790-8304	-	4058-71	-
	YOUNG FEDERAL #4	17-18S-32E	11-1-57	SINGLE	8 5/8	1076	5 1/2	3849	3796-804	-	-	-
	YOUNG FEDERAL #5	20-18S-32E	4-12-58	DUAL	8 5/8	1001	5 1/2	4012	3746-58	-	3964-80	-
CONTINENTAL OIL COMPANY	COX FEDERAL #3	17-18S-32E	1-7-55	SINGLE	8 5/8	347	5 1/2	3808	3748-68	-	-	-
	WALKER FEDERAL #1	9-18S-32E	12-31-57	SINGLE	8 5/8	1071	5 1/2	3860	3810-24	-	-	-
MINN-TEX OIL COMPANY	YOUNG FEDERAL #4	17-18S-32E	6-2-56	SINGLE	8 5/8	432	5 1/2	3824	3760-76	-	-	-
	NEWMONT OIL COMPANY	BARTON FEDERAL #1	29-18S-32E	*DUAL	7	641	5 1/2	4048	3785-8254	-	4048-75	-
BARTON FEDERAL #3	29-18S-32E	6-29-61	SINGLE	8 5/8	1036	4 1/2	4041	-	-	3938-56	-	
EDWARDS FEDERAL #1	21-18S-32E	12-24-64	SINGLE	8 5/8	1063	4 1/2	4157	-	-	4066-67	-	
LEA STATE "HS" #1	16-18S-32E	10-5-57	SINGLE	8 5/8	272	5 1/2	3873	3822-36	-	-	-	
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YOUNG FEDERAL #7	20-18S-32E	10-28-57	*DUAL	8 5/8	1035	5 1/2	4135	3786-813	-	4025-604	-	
YOUNG FEDERAL #8	20-18S-32E	9-5-57	*DUAL	8 5/8	1045	5 1/2	4062	3770-954	-	3994-4024	-	
YOUNG FEDERAL #10	17-18S-32E	9-2-57	SINGLE	8 5/8	1017	5 1/2	3845	3748-52	-	-	-	
YOUNG FEDERAL #11	17-18S-32E	9-17-57	SINGLE	8 5/8	1091	5 1/2	3841	3727-37	-	-	-	
								3742-46	-	-	-	
								3754-58	-	-	-	
								3771-81	-	-	-	
								3762-70	-	-	-	

NOTES: The calculated depths to the top of the oil string casing cement are shown on a supplementary attachment.

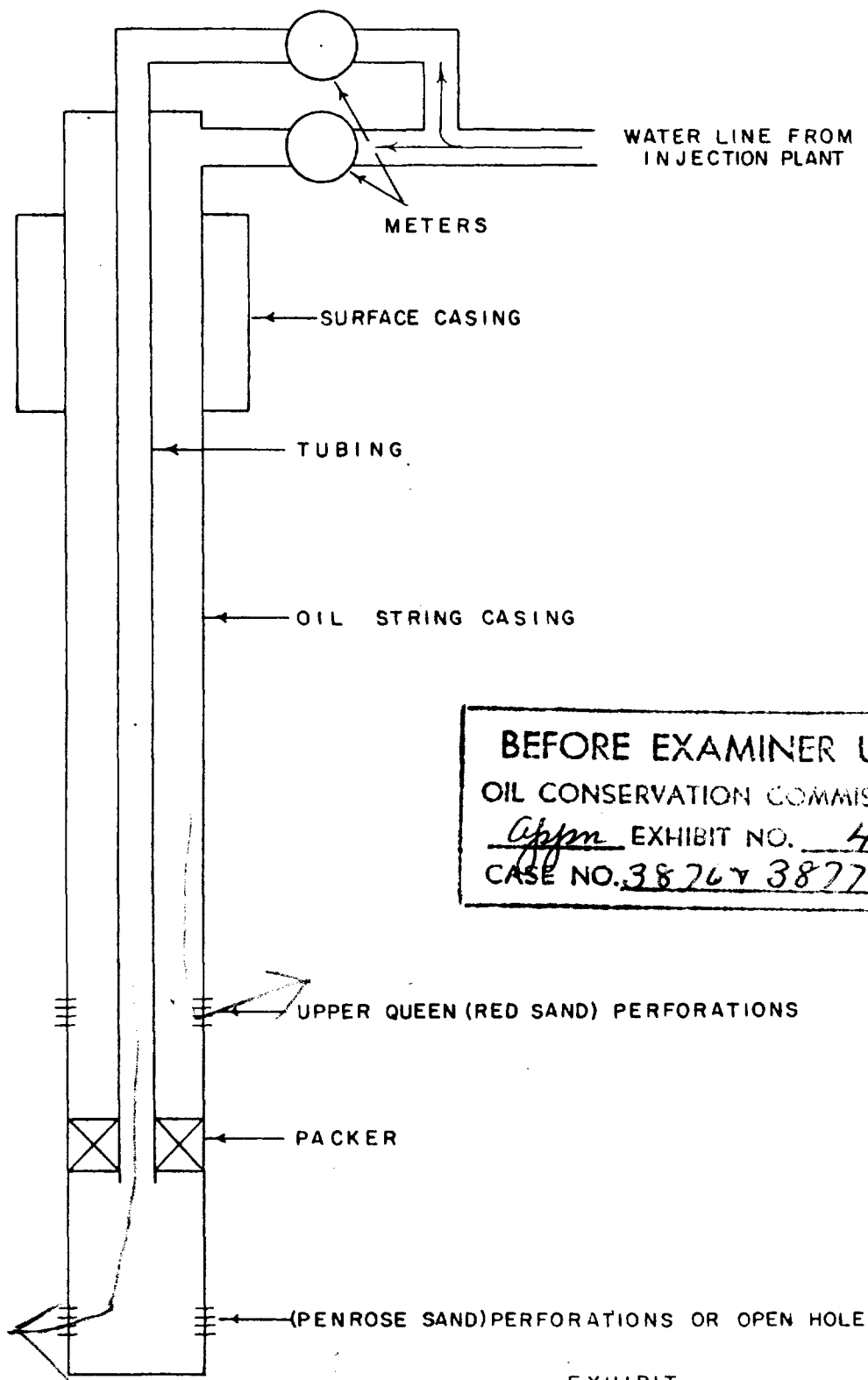
Plans are to (1) use Packers and 2 inch tubing in all injection wells, (2) set Packers in the casing between injection zones in dual injectors and near the seat in single zone injectors.

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BEFORE EXAMINER UTZ
 OIL CONSERVATION COMMISSION
Apfen EXHIBIT NO. 3
 CASE NO. 3876 Y 3877

EXHIBIT
 NEWMONT OIL COMPANY
YOUNG (QUEEN) UNIT
 LEA COUNTY NEW MEX.
 SCHEMATIC DIAGRAM OF SINGLE
 COMPLETION WATER INJ. WELL



BEFORE EXAMINER UTZ
 OIL CONSERVATION COMMISSION
Apjm EXHIBIT NO. 4
 CASE NO. 38767 3877

EXHIBIT
 NEWMONT OIL COMPANY
 YOUNG (QUEEN) UNIT
 LEA COUNTY NEW MEX.
 SCHEMATIC DIAGRAM OF DUAL
 WATER INJECTION WELL

SUPPLEMENTARY ATTACHMENT TO EXHIBITS NO. _____
 DATA ON PROPOSED WATER INJECTION WELLS
 YOUNG (QUEEN) UNIT
 YOUNG FIELD, LEA COUNTY, N.M.

<u>OPERATOR & WELL</u>	<u>OIL STRING CASING DATA CALCULATED DEPTH TO TOP OF CEMENT FEET</u>
<u>BEARD OIL COMPANY</u>	
YOUNG FEDERAL #3	3147
YOUNG FEDERAL #4	3213
YOUNG FEDERAL #5	3058
<u>CONTINENTAL OIL COMPANY</u>	
COX FEDERAL #3	763
WALKER FEDERAL #1	998
<u>MINN-TEX OIL COMPANY</u>	
YOUNG FEDERAL #4	2552
<u>NEWMONT OIL COMPANY</u>	
BARTON FEDERAL #1	3648
BARTON FEDERAL #3	3557
EDWARDS FEDERAL #1	3621
LEA STATE "HS" #1	2818 (Temperature Survey)
LEA STATE "HS" #3	115
YOUNG FEDERAL #4	3104
YOUNG FEDERAL #7	2863
YOUNG FEDERAL #8	2790
YOUNG FEDERAL #10	2573
YOUNG FEDERAL #11	2569

BEFORE EXAMINER UTZ
 OIL CONSERVATION COMMISSION
Upton EXHIBIT NO. 6
 CASE NO. 3876-3877

EXHIBIT

YOUNG (Queen) UNIT

Tabulation of Oil Production
(Excluding Once Productive but
Now Plugged and Abandoned*)

<u>Year/Month</u>	<u>Barrels Oil Produced</u>
<u>Cumulative 1-1-57</u>	582,522
1957	161,527
1958	169,033
1959	89,205
1960	67,319
1961	60,159
1962	48,717
1963	37,377
1964	<u>32,737</u>
<u>Cumulative 1-1-65</u>	1,248,596
1965	26,961
1966	21,087
1967	<u>19,840</u>
<u>Cumulative 1-1-68</u>	1,316,484
<u>1968</u>	
January	1,742
February	1,724
March	1,801
April	1,411
May	<u>1,782</u>
<u>Cumulative 6-1-68</u>	<u>1,324,944</u>

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
apm EXHIBIT NO. 8
CASE NO. 3876 v 3877

* Pan American-State AP No. 1, Sec. 16-T18S-R32E,
cumulative oil production 16,554 barrels and
Maxwell-Fox Federal No. 1, Sec. 8-T18S-R32E,
cumulative oil production 628 barrels.