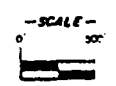


*P. 8.6.67
Pr 12.29*

BEFORE EXAMINER STOGNER
 OIL CONSERVATION DIVISION
El Ran EXHIBIT NO. 6
 CASE NO. 9357 + 9358

- LEGEND —
- DRY WELL
 - PRODUCING WELL
 - ⊗ PLUGGED & ABANDONED
 - ⊕ DRY HOLE

PRELIMINARY WATERFLOOD SURVEY
 EL RAN, INC.
 CHAVEROD FIELD
 CHAVES AND ROOSEVELT COUNTIES, NEW MEXICO
 GEOLOGICAL STRUCTURE MAP
 CONTOURED ON TOP OF SAN ANDRES P1 INTERVAL
 CONTOUR INTERVAL - 5 FEET



*P. any
150' below
O/W*

Exhibit:
6

975, 988 ST. 22 1/2
 1,308, 350 MCF
 4/1/88

PRELIMINARY WATERFLOOD STUDY
 EL RAN, INC.
 CHAVERO FIELD
 CHAVES AND RUSSEVELT COUNTIES, NEW MEXICO

WELL RECORDS

Lease	Well No.	Datum Elev. Feet	Total Depth Feet	Compl. Date	Casing Red. Size/Depth inches/Feet	Perforated Interval feet	Top of Pl San Andres		Initial Potential		Current Production			
							Subsurf. Feet	Subsea Feet	WOPD	MCFD	BMPD	MCFD	BMPD	MCFD
Byron	1-Y	4484	4323	12-28-78	4 1/2/4324	4176-4226 4254-4294	4174 P1 4250 P2	+310 +234	83	36	0	9.9	4.2	9.9
	2	4493	4306	6-26-78	4 1/2/4312	4160-4237 4252-4258	4170 P1 4240 P2	+323 +253	45	170	85	5.0	2.1	9.9
	3	4496	4334	1-4-79	4 1/2/4342	4164-4218 4243-4297	4159 P1 4241 P2	+337 +255	89	45	0	17.3	7.3	9.9
	4	4493	4326	5-15-79	4 1/2/4324	4213-4230 4266-4293	4172 P1 4250 P2	+321 +243	91	610	0	6.6	2.8	9.9
Carroll	1	4491	4371	12-23-77	4 1/2/4372	4160-4258 4261-4278	4189 P1 4259 P2	+302 +232	35	150	30			P 6 A
	1	4484	4305	10-24-79	4 1/2/4315	4247-4278	4150 P1 4226 P2	+334 +258	80	29	8	5.6	2.4	29.4
Dachner	2	4478	4313	10-31-80	4 1/2/4312	4193-4219 4263-4281	4170 P1 4242 P1	+308 +236	8	0	79	3.0	1.3	15.9
	2	4507	4300	10-21-79	4 1/2/4308	4187-4218 4246-4272	4155 P1 4242 P2	+352 +265	79	39	0	3.7	0.8	0.0
Federal	4	4518	4392	4-2-80	4 1/2/4334	NA 4284-4334	4193 P1 4270 P2	+325 +248	45	NA	81	3.6	0.8	59.7
	6	4498	4348	12-12-80	4 1/2/4345	4180-4200 4246-4304	4258 P1 4235 P2	+340 +263	59	17	18	3.7	0.8	59.7
Federal	1	4506	4293	8-28-79	4 1/2/4310	4176-4182 4234-4274 4293-4295	4148 P1 4220 P2	+344 +272	101	17	18	3.7	0.8	59.7
	3	4492	4391	4-3-80	4 1/2/4388	4191-4216 4242-4276	4163 P1 4240 P2	+343 +266	96	NA	0	0	0	0

BEFORE EXAMINER STOGNER
 OIL CONSERVATION DIVISION
 El Ran EXHIBIT NO. 7
 CASE NO. 9357 & 9358

WELL RECORDS (Cont'd)

Lease	Well No.	Datum Elev. Feet	Total Depth Feet	Compl. Date	Casing Rcd. Size/Depth Inches/Feet	Perforated Interval Feet	Top of Pl Subsurf. Feet	San Andres Subsea Feet	Initial Potential		Current Production			
									RUPD	MCFD	RHPD	BOPD	MCFD	BMPD
Federal	5	4506	4325	12-3-80	4 1/2/4325	4180-4210	4155 P1	+351	93	225	0	4.0	2.2	14.1
						4245-4304	4242 P2	+264						
Griffin	7	4501	4330	10-23-80	4 1/2/4329	4187-4209	4160 P1	+341	89	40	20	4.0	4.4	14.1
						4249-4289	4236 P2	+265						
Griffin	1	4497	4324	7-9-83	4 1/2/4329	4168-4196	4143 P1	+354	50	0	52	14.3	13.4	18.2
						4219-4291	4212 P2	+285						
Roberts	2	4499	4323	9-9-83	4 1/2/4330	4174-4204	4158 P1	+341	37	0	39	7.7	7.2	9.8
						4236-4284	4232 P2	+267						
Roberts	1	4489	4321	11-1-78	4 1/2/4329	4177-4219	4172 P1	+317	91	90	9	3.3	2.3	1.9
						4249-4284	4244 P2	+245						
Roberts	2	4488	4336	2-10-79	4 1/2/4332	4197-4234	4183 P1	+305	88	70	0	3.3	2.3	1.9
						4263-4302	4254 P2	+234						
Roberts	3	4491	4321	5-8-79	4 1/2/4325	4187-4232	4183 P1	+308		NA		3.3	2.3	1.9
						4266-4286	4255 P2	+236						
Roberts	4	4491	4298	9-5-79	4 1/2/4311	4180-4205	4150 P1	+341	97	94	0	3.3	2.3	1.9
						4242-4274	4228 P2	+263						
Sarah	1	4484	4387	4-18-80	4 1/2/4389	4172-4198	4147 P1	+337	82	40	10	5.9	4.6	15.7
						4228-4282	4223 P2	+261						
Sarah	2	4487	4385	5-5-80	4 1/2/4394	4203-4228	4172 P1	+315	25	33	10	3.2	2.5	15.7
						4252-4286	4248 P2	+239						
U.S.	1	4503	4311	2-15-79	4 1/2/4315	4169-4222	4168 P1	+335	10	0	95	0.0	0.0	0.0
						4247-4252	4245 P2	+258						
U.S.	2	4502	4324	6-1-79	4 1/2/4322	4174-4247	4160 P1	+342	94	788	0	0.4	0.0	63.0
						4300-4302	4240 P2	+262						
U.S.	3	4484	4259	1-2-80	4 1/2/4296	4140-4198	4138 P1	+346	25	40	0	0.0	0.0	0.0
						4228-4253	4224 P2	+260						
U.S.	4	4511	4362	10-7-80	4 1/2/4362	4209-4236	4181 P1	+330	45	678	22	0.0	0.0	0.0
						4262-4288	4260 P2	+251						

PRELIMINARY WATERFLOW STUDY
 EL RAN, INC.
 CHAVEROO FIELD
 CHAVES AND ROOSEVELT COUNTIES, NEW MEXICO

GEOLOGICAL DATA

<u>Lease</u>	<u>Well No.</u>	<u>Gross Pay Pl Zone</u>	<u>Avg. Por Pl Zone</u>	<u>Avg. Sw Pl Zone</u>	<u>Gross Pay P2 Zone</u>	<u>Avg. Por P2 Zone</u>	<u>Avg. Sw P2 Zone</u>
Byron	1-Y	43.0	8.0	NA	38.0	15.3	NA
	2	42.0	11.2	NA	25.0	13.0	NA
	3	42.5	10.0	NA	40.0	15.3	NA
	4	14.5	8.0	NA	7.5	9.0	NA
Carroll	1	14.0	8.0	12.0	31.0	10.4	24.5
	2	27.0	9.0	15.0	19.0	11.6	11.2
Dachner	2	15.0	6.5	18.5	14.0	11.3	15.6
	4	38.0	12.3	10.0	57.0	12.0	15.7
	6	19.0	7.0	17.3	21.0	7.5	29.7
	8	23.0	10.2	9.0	58.0	13.5	17.0
Federal	1	15.0	NA	NA	16.0	NA	NA
	3	13.5	5.7	11.0	29.0	11.4	18.3
	5	25.0	6.2	25.0	30.0	10.0	25.6
	7	9.0	7.1	20.0	23.0	10.2	25.3
Griffin	1	32.0	7.7	NA	34.0	9.8	NA
	2	NA	NA	NA	NA	NA	NA
Roberts	1	24.5	5.0	NA	14.5	10.8	NA
	2	47.0	9.8	NA	42.0	16.0	NA
	3	21.0	8.1	NA	17.0	13.2	NA
	4	24.0	5.3	30.0	27.0	12.2	16.6
Sarah	1	16.0	5.0	NA	15.0	9.8	NA
	2	26.0	10.2	NA	37.0	12.0	NA
U.S.	1	10.0	6.1	NA	16.0	15.3	NA
	2	17.0	7.8	18.7	21.0	9.8	26.5
	3	15.0	10.0	NA	19.0	14.2	NA
	4	22.0	7.7	21.1	19.5	10.7	26.0
Total/Avg's		595.0	8.6	17.1	670.5	12.2	20.3

Exhibit: 7