Southland Royalty Company

December 4, 1981

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attn: Mr. Dan Nutter

Gentlemen:

Southland Royalty respectfully requests authority to convert the Malmar Unit Well, Tr. 3, #15 (12-15) from a producing oil well to an active water injection well. The subject well is located 660'FSL, 1980'FEL of Section 12, T-17-S, R-32-E, Lea County, New Mexico. Conversion of this well will be a first step in our plans to develop the Malmar Unit on 20 acre spacing.

The proposed average daily injection rate into this closed system well is 275 barrels of fresh water per day. Proposed average injection pressure is 2,500 psi surface pressure, with a maximum of 2,800 psi. Injection will be confined to the Grayburg and San Andres producing zones. Yucca Water Company in Artesia operates 8 Ogallala aquifer fresh water supply wells in the area. A table is attached, giving the location of these wells. Southland Royalty purchases fresh water for this waterflood from Yucca and a chemical analysis of this water is attached. There are two inactive fresh water wells (shown on area of review map) on the Malmar Unit believed to be completed in the Ogallala, however, samples could not be obtained from these wells.

During recompletion, we plan to acidize with 500 gallons of 15% Hydrochloric acid and overflush before placing the well on injection.

This application is consistent with operations being conducted on the Malmar Unit and administrative approval is requested.

Sincerely,

K. W. Harbin
District Production Manager

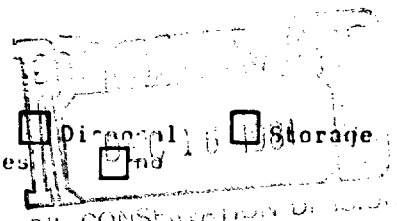
DMD/mc

Attachment

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501

FORM C-108
Revised 7-1-81



APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: [X] Secondary Recovery [ ] Pressure Maintenance [ ] Disposal [ ] Storage
Application qualifies for administrative approval? [X] yes [ ] no

II. Operator: Southland Royalty Company

Address: 1100 Wall Towers West Midland, Texas 79701

Contact party: Ken W. Harbin Phone: (915) 682-8641

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? [X] yes [ ] no
If yes, give the Division order number authorizing the project R 2155.

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Ken W. Harbin Title District Production Manager

Signature: Ken W. Harbin Date: 12-4-81

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

(1) The name, address, phone number, and contact party for the applicant;

(2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells:

(3) the formation name and depth with expected maximum injection rates and pressures; and

(4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

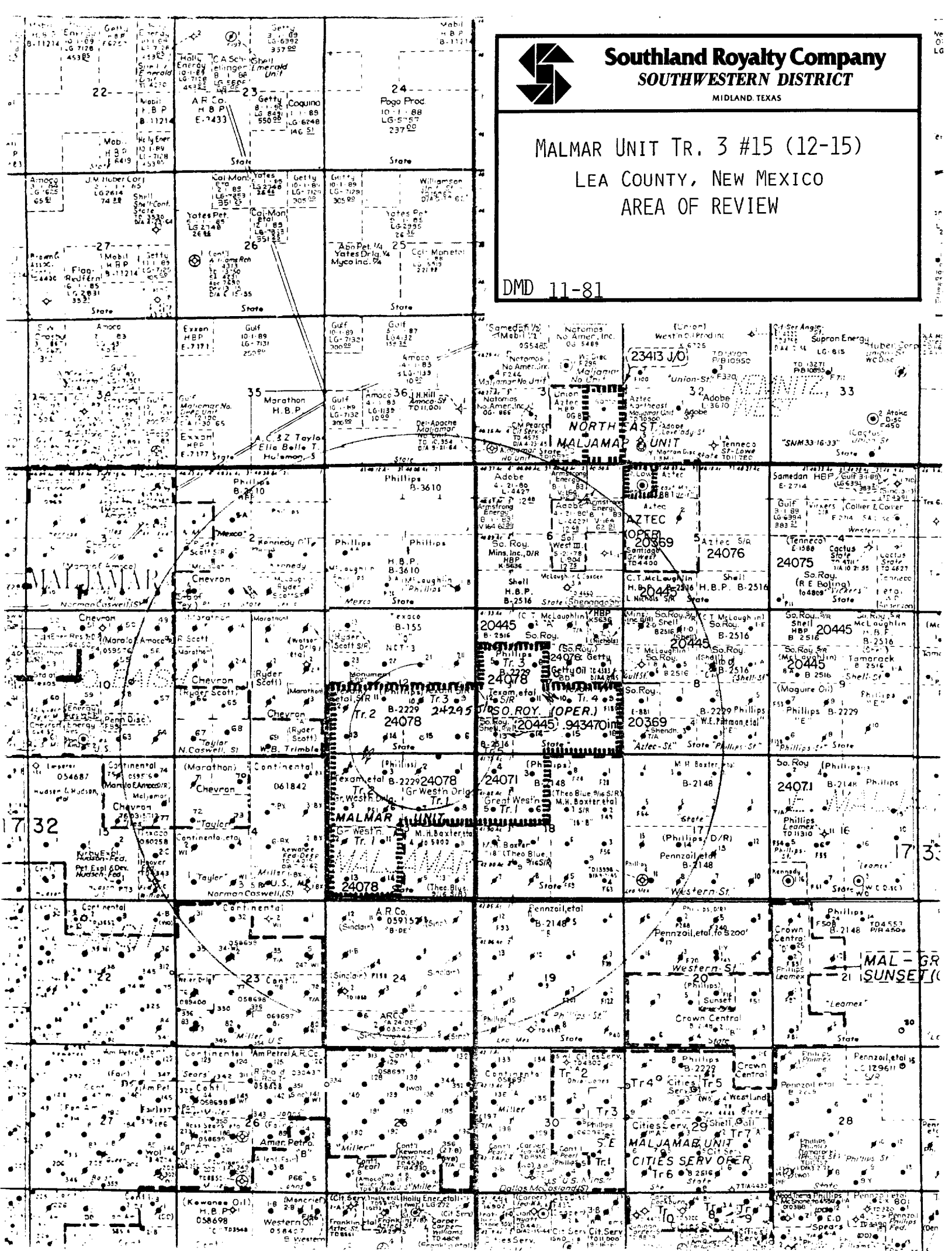
NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

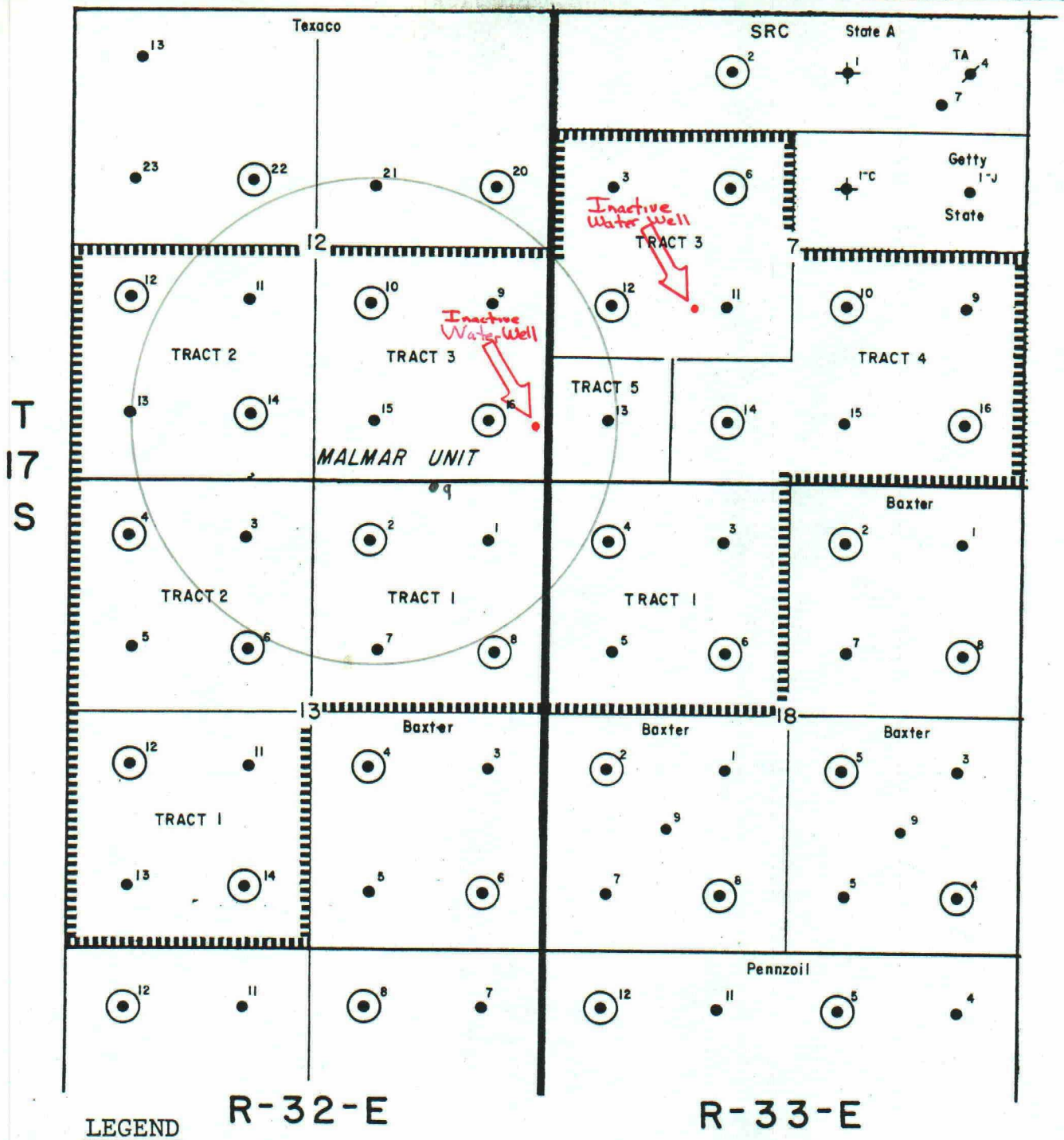
NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

YUCCA WATER COMPANY
LEA COUNTY NEW MEXICO
WATER WELLS

WELL NO	STATUS	FILE NO.	LOCATION
1	Inactive	L-3599	NW NW NW 28-16S-33E
3	Inactive	L-3598-X	NE NE NE 5-17S-33E
5	Active	L-3406	SE SW 30-16S-33E
6	Inactive	L-3405	NW NW NE 25-16S-32E
7	Active	L-3598	NW NW NW 6-17S-33E
8	Inactive	L-3599-X2	NW NW NW 34-16S-33E
9	Inactive	L-3599-X	SE SE SE 33-16S-33E
10	Inactive	L-3599-X3	NE NE NE 27-16S-33E

David Dale
Southland Royalty Company
11-81


Southland Royalty Company
SOUTHWESTERN DISTRICT
MIDLAND, TEXAS
MALMAR UNIT TR. 3 #15 (12-15)
LEA COUNTY, NEW MEXICO
AREA OF REVIEW
DMD 11-81
MALJAMAR
NORTH EAST MALJAMAR UNIT
AZTEC (OPER.) 20369
SO. ROY. (OPER.) 24078
MALMAR UNIT
CITIES SERV OPER
SUNSET



LEGEND

- WATERFLOOD BOUNDARY
- INJECTION WELL
- PRODUCING WELL
- PROPOSED LOCATION
- SHUT-IN WELL

SCALE

0 1/2 1 Mile

NOTE:

Waterflood was unitized under Commission order no. R-2155. All wells in the unit area are producing from the Maljamar Grayburg-San Andres Pool.

Southland Royalty Company

MIDLAND, TEXAS

NORTHEAST MALJAMAR

LEA COUNTY, NEW MEXICO

DMD 11-81

WELLS IN AREA OF REVIEW - MALMAR UNIT TR. 3 #15 (12-15)

WELL NAME & NO.	TYPE	G-SA INTERVAL	CASING SIZE	CASING DEPTH	CEMENT SACKS	CEMENT TOC	DATE DRILLED	LOCATION	LEA COUNTY	TD/PBD
MM Unit Tr. 1 #1 (13-1)	OIL	4180-4423'	8 5/8"	302	250	CIRC	10-26-59	660'FNL, 660'FEL	13-17S-32E	4451
			5 1/2"	4451	300	NA				
MM Unit Tr. 1 #2 (13-2)	WI	4161-4436'	8 5/8"	307	250	CIRC	11-12-59	1980'FEL, 660'FNL	13-17S-32E	4439
			5 1/2"	4439	300	NA				
MM Unit Tr. 1 #7 (13-7)	OIL	4117-4371'	8 5/8"	325	250	NA	9-09-59	1980'FNL, 1980'FEL	13-17S-32E	4433
			5 1/2"	4433	300	NA				
MM Unit Tr. 1 #9 (13-9)	OIL	4243-4472'	8 5/8"	978	550	CIRC	2-23-81	1340'FEL, 20'FNL	13-17S-32E	4550
			5 1/2"	4550	2615	CIRC				
MM Unit Tr. 5 #13 (7-13)	OIL	4139-4488'	8 5/8"	306	275	CIRC	12-03-59	660'FSL, 660'FWL	7-17S-33E	4530/4493
			5 1/2"	4527	200	NA				
MM Unit Tr. 2 #3 (13-3)	OIL	4110-4276'	8 5/8"	302	250	CIRC	12-18-59	1980'FWL, 660'FNL	13-17S-32E	4550/4423
			5 1/2"	4445	300	3000				
MM Unit Tr. 2 #14 (12-14)	WI	4101-4426'	8 5/8"	304	250	NA	2-05-60	1980'FWL, 660'FSL	12-17S-32E	4457
			5 1/2"	4457	300	NA				
MM Unit Tr. 3 #16 (12-16)	WI	4129-4433'	8 5/8"	313	250	CIRC	6-12-59	660'FSL, 660'FEL	12-17S-32E	4749/4500
			5 1/2"	4749	400	3201				
MM Unit Tr. 2 #11 (12-11)	OIL	4106-4360'	8 5/8"	289	250	NA	3-16-60	1980'FSL, 1980'FWL	12-17S-32E	4405
			5 1/2"	4405	300	NA				

SRC
11-81
DMD

WELLS IN AREA OF REVIEW - MALMAR UNIT TR. 3 #15 (12-15) (cont.)

WELL NAME & NO.	TYPE	G-SA INTERVAL	CASING SIZE	CASING DEPTH	CEMENT SACKS	CEMENT TOC	DATE DRILLED	LOCATION	LEA COUNTY
MM Unit Tr. 3 #10 (12-10)	WI	4246-4453'	8 5/8"	305	250	NA	2-05-60	1980'FSL, 1980'FEL	12-17S-32E
			5 1/2"	4520	300	NA			
MM Unit Tr. 3 #9 (12-9)	OIL	4167-4271'	8 5/8"	305	250	CIRC	12-28-59	660'FEL, 1980'FSL	12-17S-32E
			5 1/2"	4519	300	3118			
NM "O" ST #21	OIL	4146-4312'	7 5/8"	1350	500	NA	3-25-60	1980'FNL & FEL	12-17S-32E
			4 1/2"	1250-4370	250	NA			
MM Unit Tr. 2 #13 (12-13)	OIL	4036-4305'	8 5/8"	291	250	NA	2-07-60	660'FSL, 660'FWL	12-17S-32E
			5 1/2"	4381	300	NA			

SRC
11-81
DMD

Wilalmer Unit Tr 1 #1 (13-P)

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to TD feet, and from ..... feet to ..... feet.

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet.

PRODUCTION

Put to Producing 10-26-59, 19.....

OIL WELL: The production during the first 24 hours was 50 barrels of liquid of which 100 % was was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I. Gravity 35

GAS WELL: The production during the first 24 hours was ..... M.C.F. plus ..... barrels of Liquid Hydrocarbon. Shut in Pressure ..... lbs.

Length of Time Shut in none

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy	1,159	T. Devonian		T. Ojo Alamo	
T. Salt	1,243	T. Silurian		T. Kirtland-Fruitland	
B. Salt	2,427	T. Montoya		T. Farmington	
T. Yates	3,453	T. Simpson		T. Pictured Cliffs	
T. 7 Rivers	not picked	T. McKee		T. Menefee	
T. Queen	3,449	T. Ellenburger		T. Point Lookout	
T. Grayburg	3,998	T. Gr. Wash		T. Mancos	
T. San Andres	4,161	T. Granite		T. Dakota	
T. Glorieta		T.		T. Morrison	
T. Drinkard		T.		T. Penn	
T. Tubbs		T.		T.	
T. Abo		T.		T.	
T. Penn		T.		T.	
T. Miss		T.		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	248	248	Sand & caliche				
248	1159	=911	Red Bed				
1159	1243	84	Anhydrite				
1243	2427	1148	Salt				
2427	3453	1026	Sand & anhydrite				
3453	3998	544	Sand				
3998	4455	457	Dolomite				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

October 27, 1959
(Date)

Company or Operator: Santiago Oil & Gas Company

Address: P. O. Box 1663, Midland, Texas

Name: .....

Position or Title: Secretary-Treasurer

OPERATOR	LEASE			
Southland Royalty Company	Malmar Unit			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
Tr 3 #15 (12-15)	660 FSL 1980 FEL	12	17S	32E

Schematic

See Attached Schematic

Tabular Data

Surface Casing

Size 8 5/8" Cemented with 250 sx.

TOC NA feet determined by NA

Hole size NA

Intermediate Casing

Size _____" Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 5 1/2" Cemented with 300 sx.

TOC NA feet determined by NA

Hole size NA

Total depth NA

Injection interval

4187 feet to 4488 feet Perforated
(perforated or open-hole, indicate which)

Tubing size 2 3/8 lined with Plastic Applicators PA-500 set in a
(material)

Baker Model AD-1 packer at ± 4100 feet.
(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Grayburg/San Andres

2. Name of Field or Pool (if applicable) Maljamar (GB-SA)

3. Is this a new well drilled for injection? / Yes X No

If no, for what purpose was the well originally drilled? Oil

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Maljamar Wolfcamp 10300

DMD
p11-81

PERFORATING GUNS ATLAS CORPORATION

Simultaneous Malmor Unit Tr 3 #15

(12-15) # Radiation Log

LOG NO.	22150
STATION	HOBBS
TRUCK NO.	GR-24

COMPANY	SANTIAGO OIL & GAS COMPANY
WELL	PHILLIPS SPRAGUE # 4
FIELD	ROBERTS
COUNTY STATE	LEA, NEW MEXICO
LOCATION	660' FEL 1980' FEL SEC. 12 TWP. 17-S RGE. 32-E
LOG MEAS. FROM	14' ABOVE G.L. ELEV. 4250
DRLG. MEAS. FROM	GAPE ELEV. 4250
PERMANENT DATUM	G.L. ELEV. 4236

COMPANY	WELL	FIELD	COUNTY	STATE
SANTIAGO OIL & GAS CO.	PHILLIPS SPRAGUE # 4	ROBERTS	LEA	NEW MEXICO

CASING RECORD				BORE HOLE RECORD		
SIZE "-WT.#	FROM	TO		BIT SIZE-"	FROM	TO
8 5/8	SURF	309				
5 1/2 - 14	SURF	4754		7 7/8	309	4754

TYPE OF LOG	GAMMA RAY - NEUTRON
RUN NO.	ONE
DATE	7-17-59
TOTAL DEPTH - DRILLER	-
TOTAL DEPTH - P.G.A.C.	4754
FLUID IN HOLE	OIL
FLUID LEVEL	FULL
MAXIMUM TEMPERATURE °F.	-
INSTRUMENT O.D. AND NO.	3 5/8 - 249
INSTRUMENT TYPE	TA - PM - 125
NEUTRON SOURCE TYPE	RB - 600
CPS FOR CALIB. STD. - GR	100
- N	210
RECD'R. SENS. 4"/100 S/W	15
RECORDED BY	FUQUA
WITNESSED BY	MCLELLAN

LOGGED INTERVAL RECORD

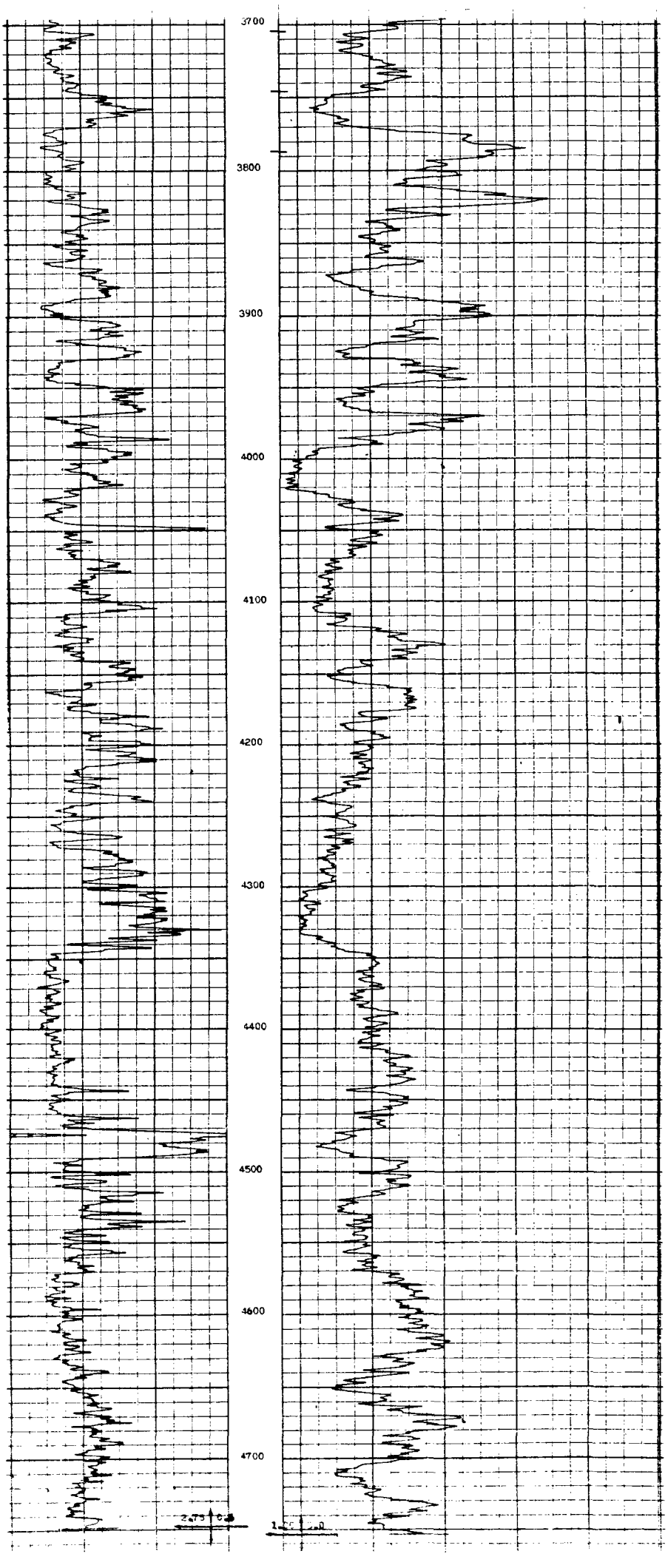
SCALE "/100'	FROM FT.	TO FT.	SPEED "/MIN.	GAMMA-RAY SENSITIVITY RECD'R	GAMMA-RAY SENSITIVITY SCALE "(uR/hr)	T.C. SEC	NEUTRON SENSITIVITY RECD'R	NEUTRON SENSITIVITY SCALE "(100 mv)	T.C. SEC
2	3900	SURF	60	100	0.6	2	143	3.8	2
2	4753	3900	15	100	0.6	4	143	3.8	4
5	4753	3900	15	100	0.6	4	143	3.0	4

LOG ZERO AND SCALE DESIG.

IN. TO ZERO | SCALE*

* GAMMA-RAY - IN./(uR/HR.)
* NEUTRON - IN./100 S.N.U.

REMARKS: INSTRUMENT RUN FREE.



Reproduced By
West Texas Electrical Log Service
Dallas 2, Texas

REFERENCE A9817D

DMD
11-81

UNICHEM INTERNATIONAL

601 NORTH LEECH P.O.BOX1499

HOBBS, NEW MEXICO 88240

COMPANY : SOUTHLAND ROYALTY
DATE : 10-30-81
FIELD,LEASE&WELL : MAL MAR FRESH
SAMPLING POINT:
DATE SAMPLED : 10-26-81

Purchased Fresh Water
Used for Injection on the Malmar Unit
Produced from Yucca Water Wells

SPECIFIC GRAVITY = 1
TOTAL DISSOLVED SOLIDS = 261
PH = 7.7

		ME/L	MG/L
CATIONS			
CALCIUM	(CA)+2	2.8	56.1
MAGNESIUM	(MG)+2	.6	7.2
SODIUM	(NA),CALC.	.29	6.7
ANIONS			
BICARBONATE	(HCO3)-1	2.1	131.
CARBONATE	(CO3)-2	0	0
HYDROXIDE	(OH)-1	0	0
SULFATE	(SO4)-2	.41	20
CHLORIDES	(CL)-1	1.1	39.9
DISSOLVED GASES			
CARBON DIOXIDE	(CO2)	NOT RUN	
HYDROGEN SULFIDE	(H2S)	NOT RUN	
OXYGEN	(O2)	NOT RUN	
IRON(TOTAL)	(FE)		1
BARIUM	(BA)+2	NOT RUN	
STRONTIUM	(SR)+2	NOT RUN	

SCALING INDEX	TEMP
	30C 86F
CARBONATE INDEX	2.86
CALCIUM CARBONATE SCALING	LIKELY
SULFATE INDEX	-44.
CALCIUM SULFATE SCALING	UNLIKELY

UNICHEM INTERNATIONAL

601 NORTH LEECH P.O.BOX1499

HOBBS, NEW MEXICO 88240

COMPANY : SOUTHLAND ROYALTY
DATE : 11-3-81
FIELD,LEASE&WELL : MAL MAR PRODUCED
SAMPLING POINT:
DATE SAMPLED : 10-26-81

Reinjected Produced Water
Malmar Unit

SPECIFIC GRAVITY = 1.038
TOTAL DISSOLVED SOLIDS = 57303
PH = 7.34

		ME/L	MG/L
CATIONS			
CALCIUM	(CA)+2	220	4408.
MAGNESIUM	(MG)+2	130	1580.
SODIUM	(NA),CALC.	649.	14940.
ANIONS			
BICARBONATE	(HCO3)-1	4.2	256.
CARBONATE	(CO3)-2	0	0
HYDROXIDE	(OH)-1	0	0
SULFATE	(SO4)-2	65.0	3125
CHLORIDES	(CL)-1	930.	32992.
DISSOLVED GASES			
CARBON DIOXIDE	(CO2)	NOT RUN	
HYDROGEN SULFIDE	(H2S)	NOT RUN	
OXYGEN	(O2)	NOT RUN	
IRON(TOTAL)	(FE)		3.7
BARIUM	(BA)+2	NOT RUN	
STRONTIUM	(SR)+2	NOT RUN	

SCALING INDEX	TEMP
	30C 86F
CARBONATE INDEX	.697
CALCIUM CARBONATE SCALING	LIKELY
SULFATE INDEX	.353
CALCIUM SULFATE SCALING	LIKELY

SOUTHLAND ROYALTY COMPANY

Well History Summary Sheet

Operator Southland Royalty Well Name & # Malmar Unit TR 3 #15 (12-15) Lease # 0-024295

SRC District Midland Made By David Dale Date 2/17/81

Location 1980'FEL, 660'FSL, Sec. 12, T-17-S, R-32-E, Lea Co., New Mexico

Spud Date 6/28/59 Compl. Date 7/14/59 TD 4776' PBTD 4600'

Type Well: Oil X Gas ____ Other ____ Field Maljamar (GB-SA)

I P 67 BOPD on 1/2" chk, GOR 331-1, 35° GR flowing Zone Grayburg and San Andres

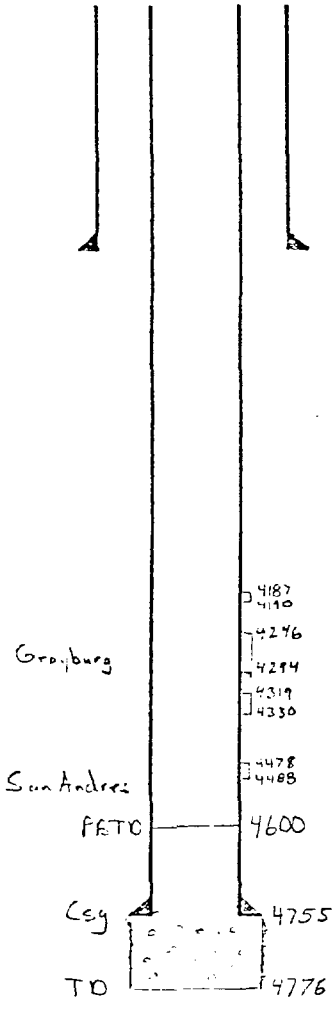
Perfs.: 4187-90', 4246-52, 4262-70,4276-82,4290-94,4319-23, 4326-30,4478-88'. Total Holes Unknown

Stimulation Frac w/200 gal acid,28000 gal ref oil & 108000#sd

Cumul. Oil ____ MCF ____ Water ____

Recent Test ____ Lift Equipment ____

Misc. GL 4236'



Drive or Conductor

____" @ ____'

Surface: 8 5/8" 24 # Gr. H-40 @ 309 Cmt. w/ 250 Sx.TOC Unknown

Hole Size Unknown"

Max Mud Wt. Unknown #/G

Intermediate:

____", ____# Gr ____@____ Cmt w/ ____ Sx. TOC @ ____, Hole Size ____", Max Mud Wt. ____ #/G

Liner: ____" From ____' To ____', ____# ____ Gr., Cmt. w/ ____ Sx. TOC @ ____' Hole Size ____", Max Mud Wt. ____ #/G

Production: 5 1/2", 14 #, J-55 Gr. @ 4755' Cmt. w/ 300 Sx, TOC @ Unknown, Hole Size Unknown Mx Mud Wt. Unknown #/G

TD 4776'

WELL HISTORY

Pfs 4478-88' A/300 BDP 1800 MP 1200 F/4000. Ref oil & 12000# sd MP 4500. Flush w/25 BLO. Drop 20 RCNB. A/300 F/4000 Ref oil & 1200#-sd. MP 4400 @ 11.5 BPM ISIP 2400. Pfs 4319-30. A/400, F/8000 ref oil, 1 to 5 ppg sd MP 4600 MP 4000 AIR 14.0 BPM ISIP 2700. Pfs 4246-94. A/800 F/12000 Ref oil, 1 to 5 ppg sd MP 5400 MP 4200 AIR 12.5 BPM ISIP 3000. Pfs 4187-90. A/200 F/2000 Ref oil & 8000# sd. MP 4700 MP 4450 AIR 14 BPM ISIP 2900

Tubing ____", ____#, ____ Gr, @ ____

Tubing ____", ____#, ____ Gr, @ ____

Packer @ ____

LEGAL NOTICE
November 26, 1981
CONVERT WELL TO
WATER INJECTION

Southland Royalty Company, 1100 Wall Towers West, Midland, Texas, (915) 682-8641 Mr. Ken Harbin, District Production Manager, intends for the purpose of secondary recovery, to convert from producing oil well to water injection well its Malmar Unit Tract 3# 15 (12-15). Location is 1980' FEL and 660' FSL, Section 12, T-17-S, R-32-E, Lea County, New Mexico. Total depth is 4776 in the Grayburg-San Andres Formation. Operator plans to inject fresh water at a rate of approximately 275 barrels per day with a surface pressure of about 2500 psi. Any objections to this intent or requests for hearing must be filed with the New Mexico Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico, 87501, within 15 days of this publication.

MALMAR UNIT TR 3#15 (12-15)

LANDOWNER

PS Form 3811, Jan. 1979

● SENDER: Complete items 1, 2, and 3.
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)
- [X] Show to whom and date delivered..... ___¢
- [ ] Show to whom, date and address of delivery... ___¢
- [ ] RESTRICTED DELIVERY
  Show to whom and date delivered..... ___¢
- [ ] RESTRICTED DELIVERY.
  Show to whom, date, and address of delivery.$ ___

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Dallas Mc Caslin - Allotment
P.O. Box 206
Eunice, New Mexico 88231

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	054343	

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐Addressee ☐Authorized agent

4. DATE OF DELIVERY: 12-10-81
POSTMARK: EUNICE, NM DEC 10 1981 USPO

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:
CLERK'S INITIALS

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

☆GPO : 1979-288-848

OFFSET OPERATOR

PS Form 3811, Jan. 1979

● SENDER: Complete items 1, 2, and 3.
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)
- [X] Show to whom and date delivered..... ___¢
- [ ] Show to whom, date and address of delivery... ___¢
- [ ] RESTRICTED DELIVERY
  Show to whom and date delivered..... ___¢
- [ ] RESTRICTED DELIVERY.
  Show to whom, date, and address of delivery.$ ___

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Texaco Co
P.O. Box 728
Hobbs, New Mexico 88240

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	054345	

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐Addressee ☐Authorized agent

4. DATE OF DELIVERY
POSTMARK

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:
CLERK'S INITIALS

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

☆GPO : 1979-288-848

OIL CONSERVATION DIVISION
DISTRICT I

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

DATE September 3, 1981

RE: Proposed MC
Proposed DHC
Proposed NSL
Proposed NSP
Proposed SWD
Proposed WFX X
Proposed PMX

Gentlemen:

I have examined the application for the:

Southland Royalty Co. Malmar Unit Tr. 3 #15-O 12-17-32
Operator Lease and Well No. Unit, S - T - R

and my recommendations are as follows:

O.K.----J.S.

Yours very truly,

/mc

RECEIVED
SEP 08 1981
OIL CONSERVATION DIVISION
SANTA FE