

Southland Royalty Company

November 4, 1981

State of New Mexico
Energy and Minerals Department
Oil Conservation Division

Attn: Joe D. Ramey, Director

Re: Malmar Unit
Maljamar (GB-SA) Pool
Lea County, New Mexico

Mr. Ramey,

Southland Royalty Company respectfully requests that approval be granted to inject fresh water into our Malmar Unit Tract 1 Well #13-2. This well was shut in during 1977 along with seven other injectors on the west side of the unit due to insufficient casinghead gas production to operate the injection pumps. Approval was granted for temporarily abandoned status by the NMOCC on November 28, 1977. Please find attached a form C-103 outlining proposed operations, a unit map, and a Well History Summary Sheet for the subject well.

We are in the process of developing the unit to a 40 acre 5-spot pattern. Malmar Unit Tract 1 Well No. 13-9 was drilled earlier this year and applications to inject are being prepared to convert producing wells Tract 3 Well No. 12-15 and Tract 1 Well No. 13-1 to injection. Injection into the subject well will provide a closed pattern around Tract 1 Well No. 13-9 and allow us to expand the waterflood on tighter spacing.

Sincerely,

K. W. Harbin
District Production Manager

DMD/mc

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

OIL CONSERVATION DIVISION
SANTA FE

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.
B-2229

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- W.I.W.	7. Unit Agreement Name
2. Name of Operator Southland Royalty Company	8. Farm or Lease Name Malmar Unit Tr. 1
3. Address of Operator 1100 Wall Towers West Midland, Texas 79701	9. Well No. 13-2
4. Location of Well UNIT LETTER B 660 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE, SECTION 13 TOWNSHIP 17-S RANGE 32E NMPM.	10. Field and Pool, or Wildcat Maljamar GB-SA
15. Elevation (Show whether DF, RT, GR, etc.) GL 4169'	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

We propose to replace the present injection tubing with new, internally plastic coated tubing and packer set at approximately 4,000'.

Authority is requested to then resume water injection operations into this well.

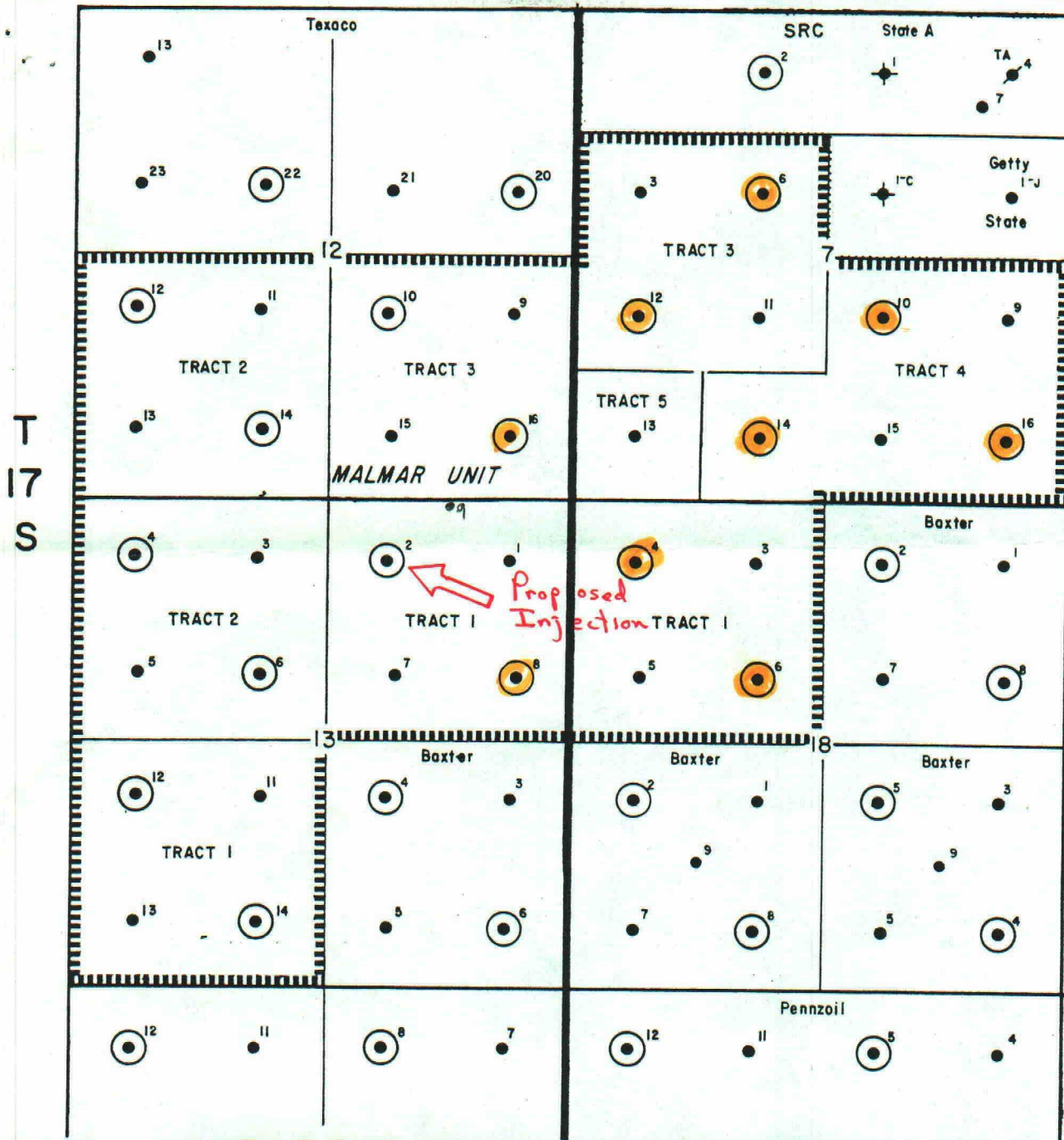
Estimate work to begin 11/15/81.

DMD/11-2-81

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE District Production Manager DATE 11-4-81

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



LEGEND

..... WATERFLOOD BOUNDARY

○ INJECTION WELL

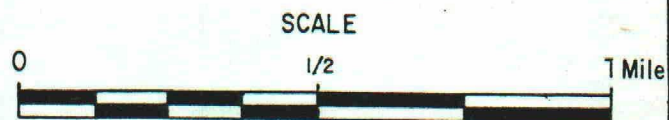
● PRODUCING WELL

○ PROPOSED LOCATION

○ SHUT-IN WELL

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**

SOUTHLAND ROYALTY COMPANY

Well History Summary Sheet

Operator Southland Royalty Well Name & # Malmar Unit Tr.1 #2(13-2) Lease # 0-024295
 SRC District Midland Made By David Dale Date _____
 Location 660'FNL, 1980'FEL, Sec. 13, T-17-S, R-32-E, Lea Co., New Mexico
 Spud Date 11/1/59 Compl. Date 12/1/59 TD 4470' PBD 4455'
 Type Well: Oil _____ Gas _____ Other _____ Water Injection _____ Field Maljamar (GB-SA)
 IP 49 BOPD, 0 BWPD, 18/64" chk, 35.50 GR, GOR 497-1 Zone Grayburg-San Andres
 Perfs. 4161-66, 71-77, 4188-4212, 21-31, 54-55, 59-62, Total Holes Unknown
81-84, 88-91, 4332-40, 46-50, 4399-4403, 24-36 A/6000 F/50000 oil & 128000 sd
 Stimulation _____
 Cumul. Oil _____ MCF _____ Water _____
 Recent Test _____ Lift Equipment _____
 Misc. tbg hd elev 4169' KB 4178'

WELL HISTORY

Drive or Conductor
 _____ @ _____
 Surface: 8 5/8
24 # Gr. J-55
 @ 307 Cmt. w/
250 Sx. TOC surf
 Hole Size 12 1/4
 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.
 @ 4439 Cmt. w/
300 Sx. TOC @
3015 Hole Size
7 7/8 Mx Mud Wt.
Unknown #/G

TD 4470

Drilled as Santiago Oil Co. Fielder.
 Trust State #10
 Tops Anhy 1159'
 Salt T 1245'
 Salt B 2427'
 Yates 3435'
 7Rivers Not picked
 Queen 3449'
 Grayburg 3998'
 San Andres 4161 4267' by Core Analyst

C1 4150-4228-76' Rec
 C2 4228-4306-78' Rec
 C3 4306-4384-77' Rec.
 C4 4384-4445-61' Rec.

8/1/61 Sold to Great Western Drilling
4/1/62 Unitized
7/29/63 Clean out & convert to injection
TA'd well prior to 10/19/77 due to lack
of lease gas & high cost of purchased gas.

Tubing _____ #. _____ Gr. @ _____
 Tubing _____ #. _____ Gr. @ _____
 Packer @ _____