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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Scharb "9"	
2. Name of Operator Southland Royalty Company		9. Well No. 1	
3. Address of Operator 21 Desta Drive, Midland, Texas 79705		10. Field and Pool, or Wildcat Scharb (Bone Spring Sand)	
4. Location of Well UNIT LETTER D LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 9 TWP. 19S RGE. 35E NMPM		12. County Lea	
19. Proposed Depth PBD +9600'		19A. Formation Bone Spring Sand	
20. Rotary or C.T. NA		21. Elevations (Show whether DF, RT, etc.) 3844' GR	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
22. Approx. Date Work will start 11-10-88			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	11 3/4"	42#	406'	450 sx.	Circ.
11"	8 5/8"	24 & 28#	4000'	1600 sx.	Circ.
7 7/8"	5 1/2"	17 & 15.5#	10,635'	325 sx.	TOC @ 9300'

- MIRUPU. ND pmp tee. NU BOP. Rlse TAC & POH w/tbg.
- MIRU WL Ut. RIH w/gauge ring & junk basket. POH. RIH w/5 1/2" CIBP & set @ +9600'. POH. RIH w/dump bailer & cap CIBP w/35' cmt. POH. RIH w/csg guns & perf Bone Spring Sand @ 9400', 02', 04', 14', 16', 18', 21', 24', 26', 28', 30', 33', 43', 50', 52', 55', 60', 62', 70' and 72' (20 holes total). POH. RDMO WL Ut.
- RIH w/trtg pkr, SN & tbg. Set pkr @ + 9300' & swb well dwn to SN.
- MIRU stimulation company. NU surf lines & test to 4000#. Place 500# on csg-tbg annulus. Pmp 2000 gals 7 1/2% NEFEHCl acid. Space out 40 - 7/8" RCNBS throughout job. Displ acid w/38 bbls 2% KCl wtr. If ballout occurs, surge balls off perfs & continue displ. RDMO.
- Swb test well. If fluid entry is limited, rlse pkr, run thru perfs & POH w/tbg. MIRU stimulation company. NU surf lines & test to 6000#. Pmp 33,000 gals cross linked gel w/71,000# 16/30 mesh PRC sand to frac the 1st Bone Spring Sand dwn 5 1/2" csg. RDMO. SION to allow gels to break.
- Flw well back starting @ +16/64" ck increasing ck size as press depletes.

-----OVER-----

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Cathy Roberson Title Operations Tech III Date 10/26/88

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT I SUPERVISOR TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

Same pool - just opening additional zone.

Completion of this From Approval Underway.

7. RIH w/notched collar on tbg & clean out any fill to +9500'. POH.
8. RIH w/prod tbg. ND BOP. NU pmp tee. RIH w/pmp & rods. Put well on pump. The pmp will be lowered following a clean up period.

This well was in the Bone Spring zone and is now to be recompleted to the Bone Spring Sand zone. If you have any questions, please contact Gene Carlson at (915) 686-5600.

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OCT 27 1988

OCO
HOBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Supervisor
Bitter Lake

All distances must be from the outer boundaries of the Section

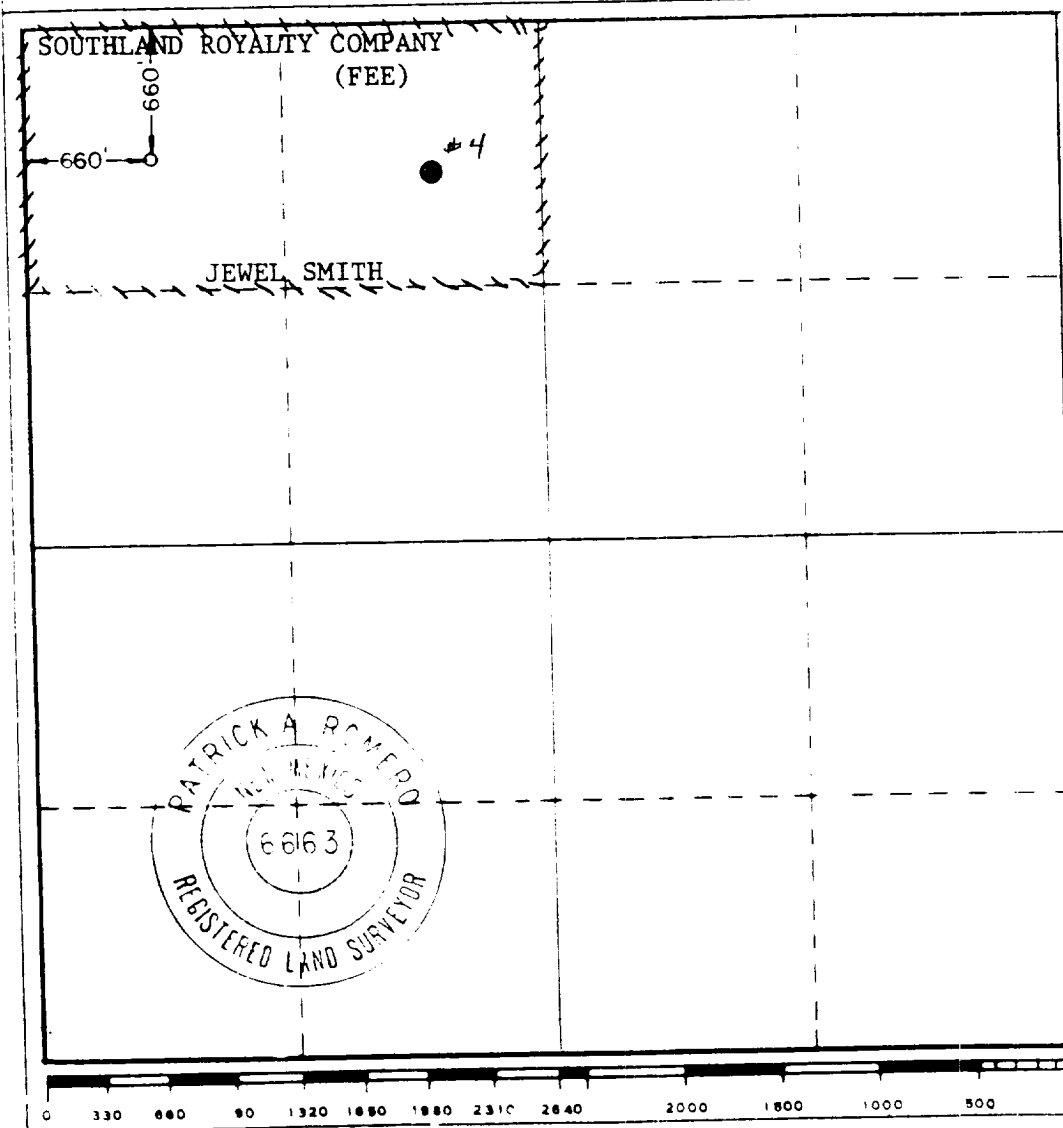
Owner Southland Royalty Co.		Lease Scharb 9		Acres 1	
Section D	Section 9	Township 19 South	Range 35 East	County Lea	
Acreage Location of Well: 660 feet from the north line and 660 feet from the west line					
Section Level Elev 3843.5	Producing Formation Bone Spring Sand		Foot Scharb	Estimated Acreage 80 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	Cathy Nokes
Position	Operations Tech III
Company	Southland Royalty Company
Date	10/26/88
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date	4-17-81
Registered Professional Engineer and/or Land Surveyor	
Patrick A. Romero	
Certificate No.	JOHN W. WEST 676 PATRICK A. ROMERO 686 Ronald J. Eidson 323