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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LG-4087	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		9. Well No.	
Southland Royalty Company		5	
3. Address of Operator		10. Field and Pool, or Wildcat	
21 Desta Drive, Midland, Texas 79705		west	
4. Location of Well		11. Corbin (Delaware)	
UNIT LETTER N LOCATED 510 FEET FROM THE South LINE		12. County	
AND 1980 FEET FROM THE West LINE OF SEC. 16 TWP. 18S RGE. 33E NMPM		Lea	
19. Proposed Depth		19A. Formation	
5450'		Delaware	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
3858' GR		11-11-88	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Blanket			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	350'	350 sx. C1 "C"	Circ.
7 7/8"	5 1/2"	15.5#	5450'	1400 sx. C1 "C"	Circ.

Drill 17 1/2" hole to 350'. Set 8 5/8" csg @ 350'. Cmt w/350 sx. C1 "C". Circ. Drl to TD to test Delaware and San Andres. If commercial, run 5 1/2" csg to 5450'. Cement w/sufficient volume to bring above all prospective zones. Circulate. Perf & stimulate Delaware for production.

MUD PROGRAM: 0-350 spud mud' 350-5450 cut brine & Drispac. MW 9.0-9.2 (Solids must be less than 5% w/VIS 32-36).

BOP PROGRAM: 11"-3M stack to be installed on 8 5/8" and left on for remainder of drilling. Stack to consist of annular BOP, blind ram BOP and one pipe ram BOP. Test BOP's after setting 8 5/8" csg w/independent tester.

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 Howe Title Operations Tech III Date 10/28/88

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NOV 03 1988

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-85

All distances must be from the outer boundaries of the Section

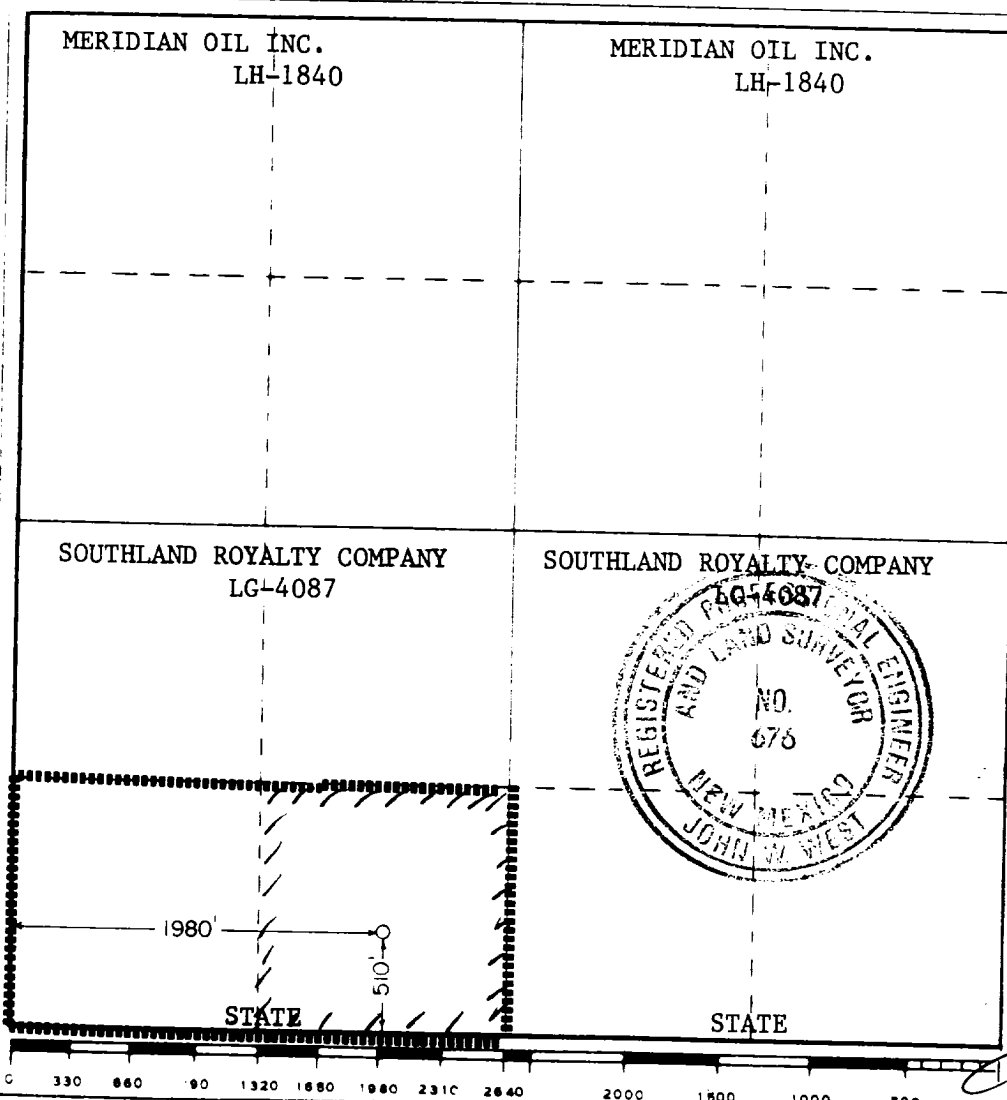
Lessor Meridian Oil Company			Lessee State 16		Well No. 5
Section N	Section 16	Township 18 South	Range 33 East	County Lea	
Actual Footage Location of Well: 510 feet from the South line and 1980 feet from the West line					
Ground Level Elev. 3858.0	Producing Formation Delaware	Pool west SA Corbin	Estimated Acreage 80 40		

- 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.

Cathy Nokes

Cathy Nokes

Position

Operations Tech III

Company

Southland Royalty Company

Date

10/28/88

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 Surveyed

October 21, 1988

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. JOHN W. WEST, 676

782

68-131-89

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