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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-83

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Madera Ridge "24"	
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 Pitchfork Ranch (Morrow)	
4. Location of Well UNIT LETTER <u>J</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>24</u> TWP. <u>24S</u> RGE. <u>3E</u> NMPM		12. County Lea	
19. Proposed Depth 15,500'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3386.8' GR 3565.1	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
22. Approx. Date Work will start 11-6-84			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
36"	30"	Conductor	40'	Ready Mix	Circ.
26"	20"	94#	600'	1000 sx.	Circ.
17 1/2"	13 3/8"	54.50 & 61#	5,100'	6000 sx.	Circ.
12 1/4"	9 5/8"	47 & 43.50#	13,150'	4000 sx.	TOC @ 5000'
8 1/2"	5 1/2" liner	23#	2,700'	1300 sx.	

In the event that an overpressured Wolfcamp or Atoka zone is encountered, will set a 7 5/8" drilling liner & drill a 6 1/2" hole to TD.

Set 30" conductor @ 40'. Set 20" surface csg @ 600'. Circ cmt. Drill 17 1/2" hole & set 13 3/8" csg @ 5100'. Circ cmt. Drll 12 1/4" hole to 13,150'. Set 9 5/8" csg @ 13,150'. Cmt w/4000 sx. Drll to TD to tst Morrow & intermediate horizons. If commerical, run 5 1/2" liner to TD. Cmt w/sufficient volume to bring above all prospective zones. Estimated TOC @ 5000'. Perf & stimulate Morrow for production.

MUD PROGRAM: 0-600' Spud mud; 600-5100' brine; 5100-13,150' Cut brine; 13,150-14,500' Brine; 14,500'-TD Oil mud. MW 12-13. VIS 50-80 FL 8-16 cc. BHP @ TD anticipated to be 8800 psi.

BOP PROGRAM 18 3/4"-5M annular BOP tested to 1000 psi after setting 20" csg. 13 3/8"-10M BOP stack tested to 10,000 psi after setting 13 3/8" & 9 5/8". Test BOP w/Yellow Jacket, Inc. after setting 9 5/8".

GAS NOT DEDICATED.

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 Danell Roberts Title Operations Engineer Date 10-23-84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

OCT 25 1984

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4/25/85
UNLESS DRILLING UNDERWAY

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OCT 24 1984

O.C.U.
HOSAS OFFICE

**NEW! (ICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator SOUTHLAND ROYALTY CO.			Lease MADERA RIDGE 24 COM		Well No. 1
Grid Letter J	Section 24	Township 24 SOUTH	Range 33 EAST	County LEA	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1980 feet from the SOUTH line and 1980 feet from the EAST line </div>					
Ground Level Elev. 3566.1	Producing Formation Morrow	Pool S. Hill Lake Pitchfork Ranch	Dedicated Acreage: 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. 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 Communitization

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.

<p>RICHARDSON OIL COMPANY 063798</p>	<p>SOUTHLAND ROYALTY COMPANY</p>	<p align="center">CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Darrell Roberts</i></p> <p>Name Darrell Roberts</p> <p>Position Operations Engineer</p> <p>Company Southland Royalty Company</p> <p>Date 10-23-84</p> <p>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.</p> <p>Date Surveyed OCTOBER 19, 1984</p> <p>Registered Professional Engineer and/or Land Surveyor <i>John W. West</i></p> <p>Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239</p>
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OCT 24 1984

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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

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Oil Letter J	Section 24	Township 24 SOUTH	Range 33 EAST	County LEA	
Actual Footage Location of Well:					
1980 feet from the SOUTH line and		1980 feet from the EAST line			
Ground Level Elev. 3386.8	Producing Formation Morrow ATOKA	Pool Pitchfork Ranch	Dedicated Acreage: 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. 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?

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1980'

S. R. HOLLAND ET AL

1980'

U.S.

R. Madera S. R. HOLLAND ET AL

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MAR 20 1985

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