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NEW MEXICO OIL CONSERVATION COMMISSION

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Form C-101
Revised 1-1-83 30-015-25116
5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
L-6367

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. Name of Operator Southland Royalty Company 3. Address of Operator 21 Desta Drive, Midland, Texas 79705 4. Location of Well UNIT LETTER C LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 19 TWP. 19S RGE. 29E NMPM 19. Proposed Depth 11,500' 19A. Formation Morrow 20. Rotary or C.T. Rotary 21. Elevations (Show whether DF, RT, etc.) 3376.2' GR 21A. Kind & Status Plug. Bond 21B. Drilling Contractor 22. Approx. Date Work will start 12-10-84		7. Unit Agreement Name 8. Farm or Lease Name Scanlon Draw "19" St C 9. Well No. 1 10. Field and Pool, or Wildcat Turkey Track (Morrow) 12. County Eddy
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23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	400'	500	Circ.
12 1/4"	8 5/8"	24#	2700'	1800	Circ.
7 7/8"	5 1/2"	17#	11,500'	800	TOC by TS

Drill 17 1/2" hole to 400'. Set 13 3/8" csg @ 400'. Cmt w/500 sx C1 "C". Circ to surf. Drill 12 1/4" hole to 2700'. Set 8 5/8" csg @ 2700'. Cmt w/1400 sx Lite & 400 sxs C1 "C". Circ to surf. Drill to TD. Set 5 1/2" csg @ 11,500'. Cmt w/sufficient volume to cover all prospective zones. Perf & stimulate Cisco & Morrow for production.

MUD PROGRAM: 0-350' spud mud; 350-2700' brine; 2700-9600' cut brine; 9600-TD cut brine, Drispac, X-C Polymer 3% KCl. MW 9.0-9.2, VIS 32-36, 6 cc. BHP @ TD anticipated to be 4000 psi. No abnormal pressures expected.

BOP PROGRAM: BOP to be tested after setting 8 5/8" csg and at 9000' by Yellow Jacket, Inc.

Gas Not Dedicated

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 6-3-85
UNLESS DRILLING UNDERWAY

Partial ID
API & NL
12-7-84

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 11/29/84

(This space for State Use)

ORIGINAL SIGNED
BY LAND OFFICE
GEOLOGIST - MANDATORY
TITLE

APPROVED BY _____ DATE DEC 03 1984

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMM. ON
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-122
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Owner SOUTHLAND ROYALTY CO.			Lease SCANLON, DRAKE 19 STATE COY		Well No. 1
Section 4	Township 9 SOUTH	Range 29 EAST	County LOOY		
Actual Storage Location of Well					
0000 feet from the NORTH line and		1980 feet from the WEST line			
Ground Level Elev. 3376.2	Producing Formation Morrow	Pool Turkey Track	Estimated 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?

☒ 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.

SOUTHLAND ROYALTY COMPANY L - 6367		SOUTHLAND ROYALTY COMPANY LG-4037	
FLAG-REDFERN LG-945		COQUINA	
YATES HBP		STATE	

CERTIFICATION

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

Darrell Roberts

Name

Darrell Roberts

Position

Operations Engineer

Company

Southland Royalty Company

Date

11-29-84

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

NOVEMBER 23, 1984

Registered Professional Engineer
and Land Surveyor

Ronald J. Eidson

Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900

50-010-25110

11-14-05

Compensated Density-Compensated
Neutron Log

188.5 - 11345

DL-MSPL

2641 - 11345

13 ³/₈ c 395 Circ

8 ⁵/₈ c 2697 Circ

5 ¹/₂ c 11348 TDC c 8550

Perfs 11262-11272 mor

BPE 11256

Perfs 11238-11248 mor

BPE 11,200 w/35' cap

Penne 9520

WC c 8975

3rd BS c 8620

2nd BS c 5400±

BS c 4200

Del c 3640

100' c 9570-9486

BPE 9400 w/35' cap

100' c 9025-8925

100' + tag in stube 8500±

100' c 5400± 2nd BS

100' c 4250

100' c 3760

100' c 2750 + tag

100' c 450

Surface plug

5-14-85

Wolfcamp 8973

Penn 9848

Canyon 10000

Strawn 10,180?

Atoka 10,410?

Morrow LS 10562

Morrow CI 10665