

30-025-27409

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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.	
A-4096	

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"/>		8. Farm or Lease Name	
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"/>		Scharb 4	
2. Name of Operator		9. Well No.	
Southland Royalty Company		4	
3. Address of Operator		10. Field and Pool, or Undesignated (Wolfcamp)	
1100 Wall Towers West, Midland, Texas 79701			
4. Location of Well		12. County	
UNIT LETTER <u>L</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE		Lea	
AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>4</u> TWP. <u>19-S</u> RGE. <u>35-E</u> NMPM			
		19. Proposed Depth	
		10,800'	
		19A. Formation	
		Wolfcamp	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (show whether D.F., K.I., etc.)		21B. Drilling Contractor	
3889.6'		Hondo Drlg Co., Rig #5	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Blanket		May 15, 1981	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	11 3/4"	42#	410'	400 SXS	surface
11"	8 5/8"	24# & 28#	4,000'	1500 SXS	surface
7 7/8"	5 1/2"	15.5 & 17#	10,800'	400 SXS	8000'

Drill 15" hole & set surface csg @ 410', circ cmt. Drill 11" hole w/brine water to prevent wash out to 4000'. Run 8 5/8" csg to 4000' and circ. cmt. Drill 7 7/8" hole w/fresh water to 7500' and add brine water to raise mud wt. to 97# @ TD. Drill to TD of 10,800' to test Wolfcamp. If commercial, will run 5 1/2" csg to TD. Cmt w/sufficient vol. to bring cmt above all prospective zones. Estimate T/cmt to 8000'. Perf and stimulate Wolfcamp for production. BOP Program : BOP to be installed on 11 3/4" double ser 900. BOP to be installed on 8 5/8" double 10" ser. 900 plus 10" ser 900 Hydril plus drilling head. Yellow Jacket, Inc. to test 8 5/8" installation. BOP to be tested daily.

APPROVAL VALID FOR 180 DAYS
PERIOD 4/8/81
UNLESS DRILLING UNDERWAY

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 CC. Pearson Title District Operation Engineer Date 5-6-81

(This space for State Use)

APPROVED BY Leslie A. Clement TITLE OIL & GAS INSPECTOR

CONDITIONS OF APPROVAL, IF ANY:

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.

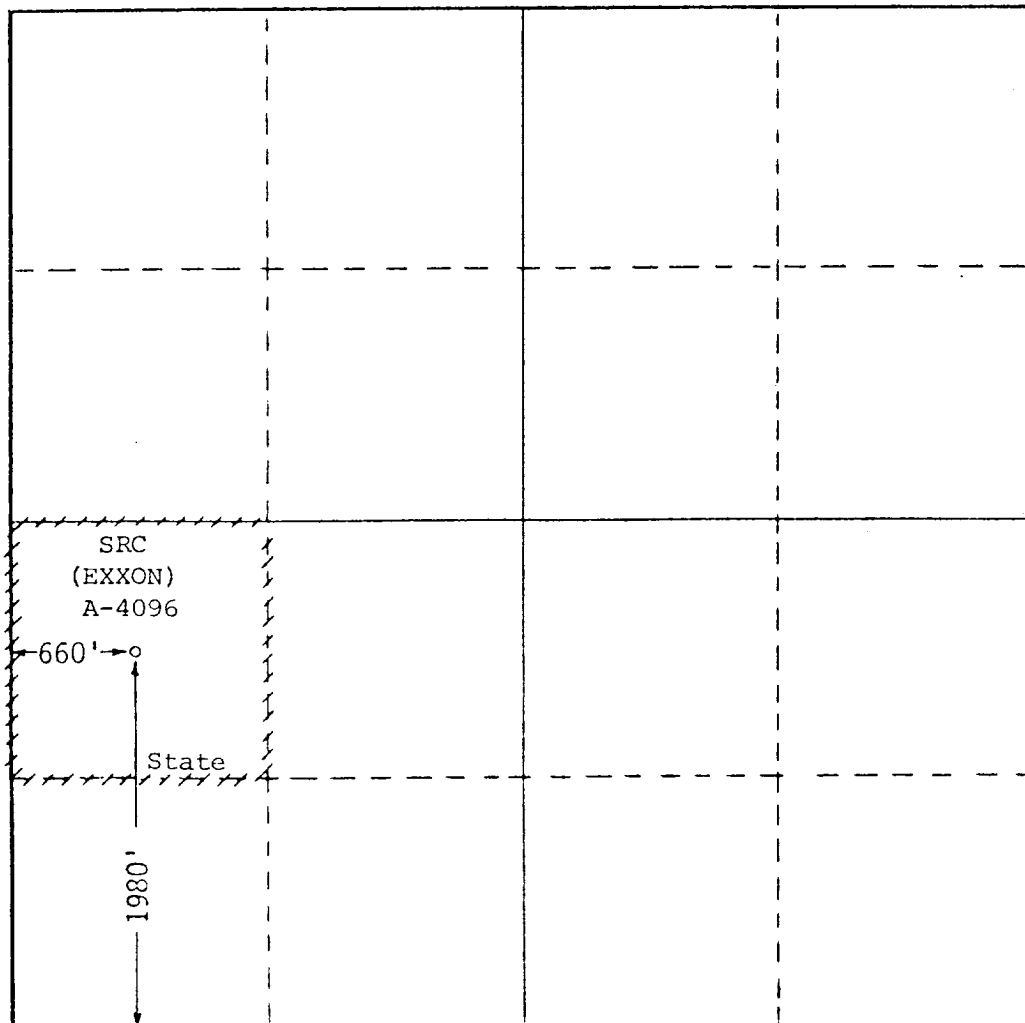
Operator Southland Royalty Co.		Lease Scharb 4		Well No. 4	
Unit Letter L	Section 4	Township 19-S	Range 35-E	County Lea	
Actual Footage Location of Well: 660 feet from the WEST line and 1980 feet from the SOUTH line					
Ground Level Elev. 3889.6'	Producing Formation Wolfcamp	Pool Scharb Wolfcamp	Dedicated Acreage: 40 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 _____

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 R. J. Eidson
Position
District Operation Engineer
Company
Southland Royalty Company
Date
5-6-81

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
May 5, 1981
Registered Professional Engineer and/or Land Surveyor
Ronald J. Eidson
Certificate No. JOHN WEST 676
PATRICK A. ROMERO 6663
Ronald J. Eidson 3239

BLOW OUT PREVENTION EQUIPMENT
 10" 900s ALL FLANGED CONNECTIONS
 3,000# WORKING PRESSURE - 6,000# TEST

