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NEW MEXICO OIL CONSERVATION COMMISSION

30-046-23017
Form C-101
Revised 1-1-65

EXPIRES 8-1-78

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input 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 Day State	
2. Name of Operator Southland Royalty Company		9. Well No. #2	
3. Address of Operator P. O. Drawer 570, Farmington, New Mexico		10. Field and Pool, or Wildcat Basin Dakota	
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1830</u> FEET FROM THE <u>North</u> LINE AND <u>1130</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>32</u> TWP. <u>32N</u> RGE. <u>11W</u> NMPM		12. County San Juan	
19. Proposed Depth 7898'		19A. Formation Dakota	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DP, RT, etc.) 6,534' GR	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
22. Approx. Date Work will start May 15, 1978			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	36#	200'	129.8 cu. ft.	Circ to surface
8-3/4"	7"	23#	3376'	410.2 cu. ft.	Cover Ojo Alamo
6-1/4"	4-1/2"	10.50#	3226'-7898'	720 cu. ft.	Liner top
	2-3/8"	4.7#	7700'		

Surface formation is Nacimiento.

Top of Ojo Alamo is at 1686'.

Top of Pictured Cliffs is at 3176'.

Top of Point Lookout is at 5479'

Fresh water mud will be used to drill to intermediate casing point.

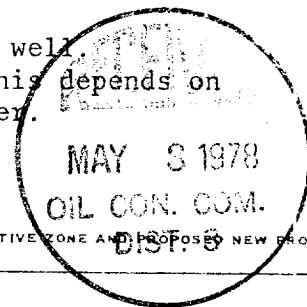
An air system will be used to drill from intermediate casing point to total depth.

It is anticipated that a Gamma Ray Induction and a Gamma Ray Density log be run at total depth.

No abnormal pressures or poisonous gases are anticipated in this well.

It is expected that this well be drilled before July 1, 1978. This depends on rig availability, time required for approvals and the weather.

gas is 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 CC Pearson Title District Engineer Date May 1, 1978

(This space for State Use)

APPROVED BY Frank S. Chang TITLE 73 DATE MAY 3 1978

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.

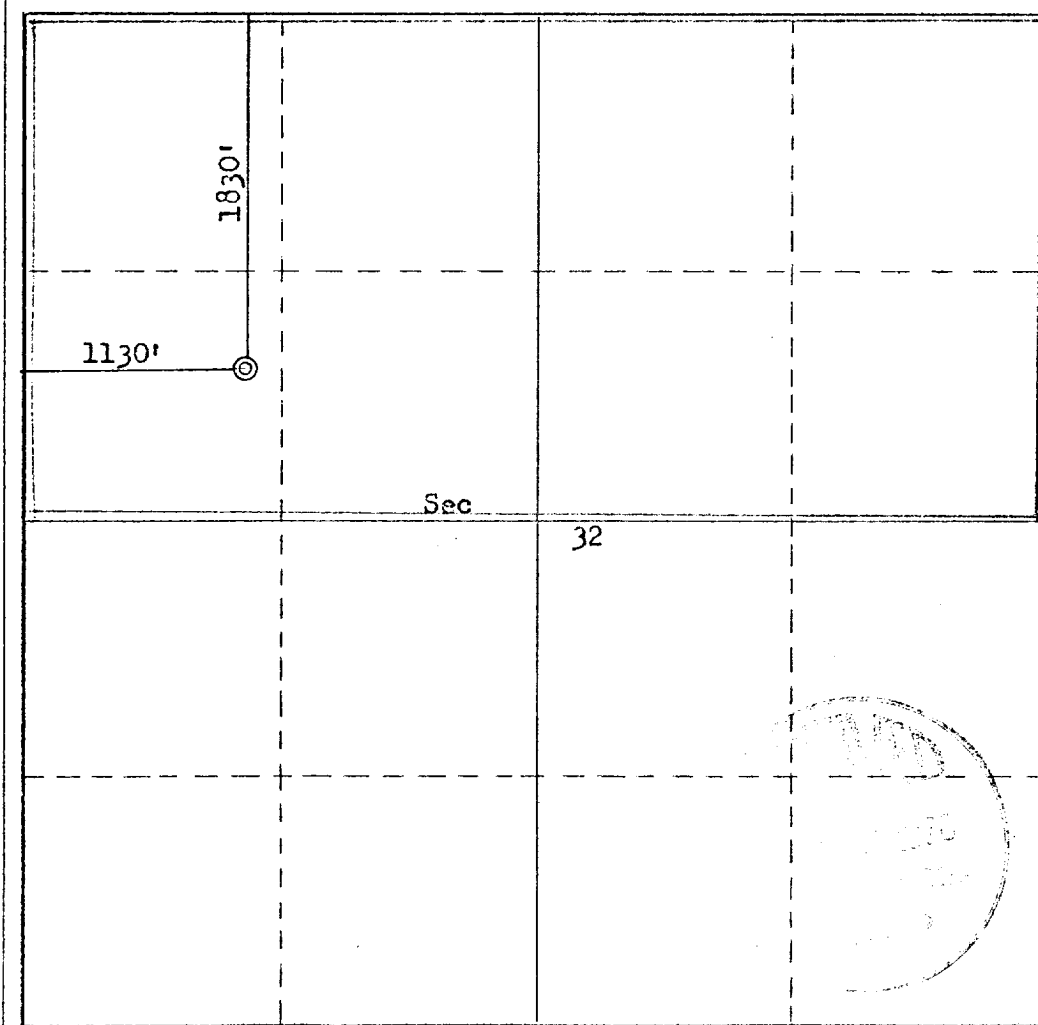
Operator Southland Royalty Company			Lease Day-State		Well No. 2
Unit Letter E	Section 32	Township 32N	Range 11W	County San Juan	
Actual Postage Location of Well: 1830 feet from the North line and 1130 feet from the West line					
Ground Level Elev. 6534'	Producing Formation Dakota		Pool Basin Dakota		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 _____

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 *C. C. Parsons*
Position
District Engineer
Company
Southland Royalty Company
Date
May 1, 1978

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
March 30, 1978
Registered Professional Engineer
and/or Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.
Certificate No. 3950

0 350 650 950 1320 1650 1980 2310 2640 2000 1500 1000 500 0