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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-24841
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name CURRENT
9. Well No. #2E
10. Field and Pool, or Wildcat Basin Dakota
12. County San Juan
19. Proposed Depth 7090'
19A. Formation Dakota
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 5907' GR
21A. Kind & Status Plug. Bond
21B. Drilling Contractor Four Corners Drilling
22. Approx. Date Work will start April 12, 1981

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator Southland Royalty Company
3. Address of Operator P. O. Drawer 570, Farmington, NM 87401
4. Location of Well UNIT LETTER C LOCATED 1060 FEET FROM THE North LINE AND 1840 FEET FROM THE West LINE OF SEC. 11 TWP. 30N RCE. 11W NMPM
19. Proposed Depth 7090'
19A. Formation Dakota
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 5907' GR
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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
13 3/4"	10 3/4"	32.75#	200'	160 cu. ft.	
9 7/8"	7 5/8"	26.4#	4660'	223 cu. ft.	(Stage One)
				499 cu. ft.	(Stage Two)
6 3/4"	5 1/2"	15.5#	4510'-6700'		
		17.0#	6700'-7090'	372 cu. ft.	

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 1109'.

Top of Pictured Cliffs sand is at 2413'.

Fresh water mud will be used to drill from surface to intermediate total depth.

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

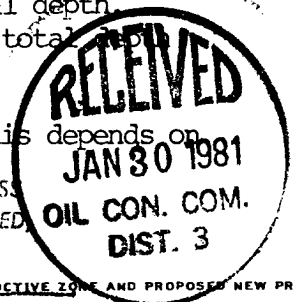
It is anticipated that a GR-Induction and GR-Density log will be run from total depth to intermediate casing.

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

It is expected that this well will be drilled before August 12, 1981. This depends on time required for approvals, rig availability and the weather.

Gas is dedicated.

APPROVAL VALID FOR 60 DAYS UNLESS DRILLING COMMENCED



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK EXISTING WELL, 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 R. E. Fielder Title District Engineer Date 1-22-81

(This space for State Use)

APPROVED BY Frank J. Chay TITLE SUPERVISOR DISTRICT # 3 DATE JAN 30 1981

CONDITIONS OF APPROVAL, IF ANY:

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

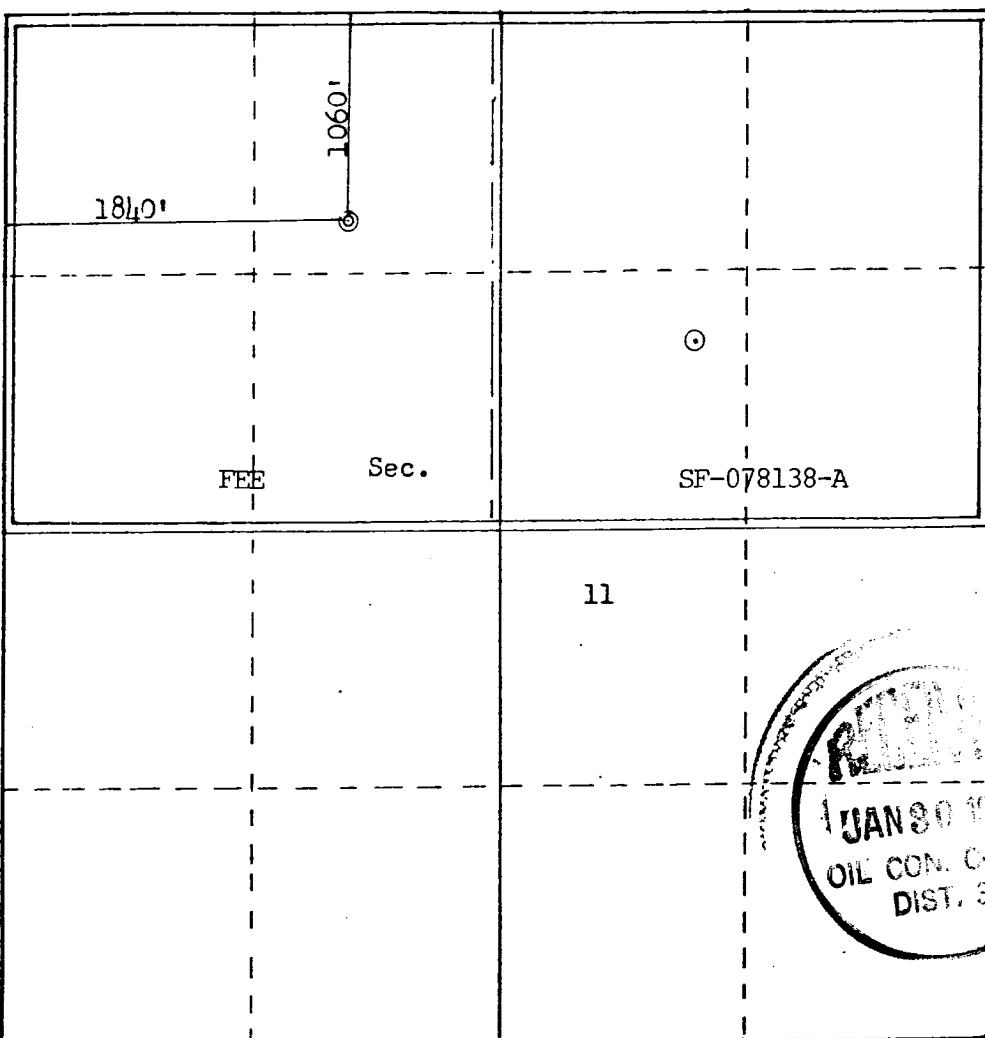
Operator SOUTHLAND ROYALTY COMPANY			Lease CURRENT		Well No. 2E
Unit Letter C	Section 11	Township 30N	Range 11W	County San Juan	
Actual Footage Location of Well: 1060 feet from the North line and 1840 feet from the West line					
Ground Level Elev. 5907	Producing Formation Basin		Pool Dakota	Dedicated Acreage: 320 319.80 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.



Scale: 1"=1000'

CERTIFICATION

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

R.E. Fielder

Name

Robert E. Fielder

Position

District Engineer

Company

Southland Royalty Company

Date

January 22, 1981

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

December 26, 1980

Registered Professional Engineer and Land Surveyor

Fred B. Kerr, Jr.

Certificate No. MEXICO

3950 B. KERR, JR.