

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Southland Royalty Company

3. ADDRESS OF OPERATOR

P. O. Drawer 570, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surfaceF 1810' FNL & 1840' FWL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

4 1/2 miles east of Bloomfield, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

830'

16. NO. OF ACRES IN LEASE

2403.04

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 N / 318.38

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

150'

19. PROPOSED DEPTH

6772'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5741' GR

22. APPROX. DATE WORK WILL START*

April 1, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	10 3/4"	32.75#	200'	136 sacks
7 7/8"	5 1/2"	15.5#	6772'	382 sacks Stage One
				417 sacks Stage Two
				508 sacks Stage Three

This action is subject to administrative

Surface formation is Nacimiento.
Top of Ojo Alamo sand is at 1054'.

Top of Pictured Cliffs sand is at 2123'.

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

It is anticipated that an IEL log will be run from total depth to surface casing and a GR-Density log from total depth to 1600'.

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

It is expected that this well will be drilled before July 31, 1981. This depends on time required for approvals, rig availability and the weather.

Gas is dedicated.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

R. E. Fielder

TITLE

District Engineer

DATE

1-15-81

(This space for Federal or State use only)

PERMIT NO.

APPROVED
AS AMENDED

APPROVAL DATE

APPROVED BY

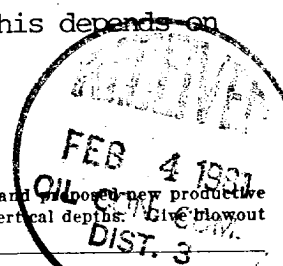
CONDITIONS OF APPROVAL, IF ANY:

FEB 02 1981

JAMES F. SIMS
DISTRICT ENGINEER

TITLE

DATE



OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

Form C-107
Revised 10-1-78

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

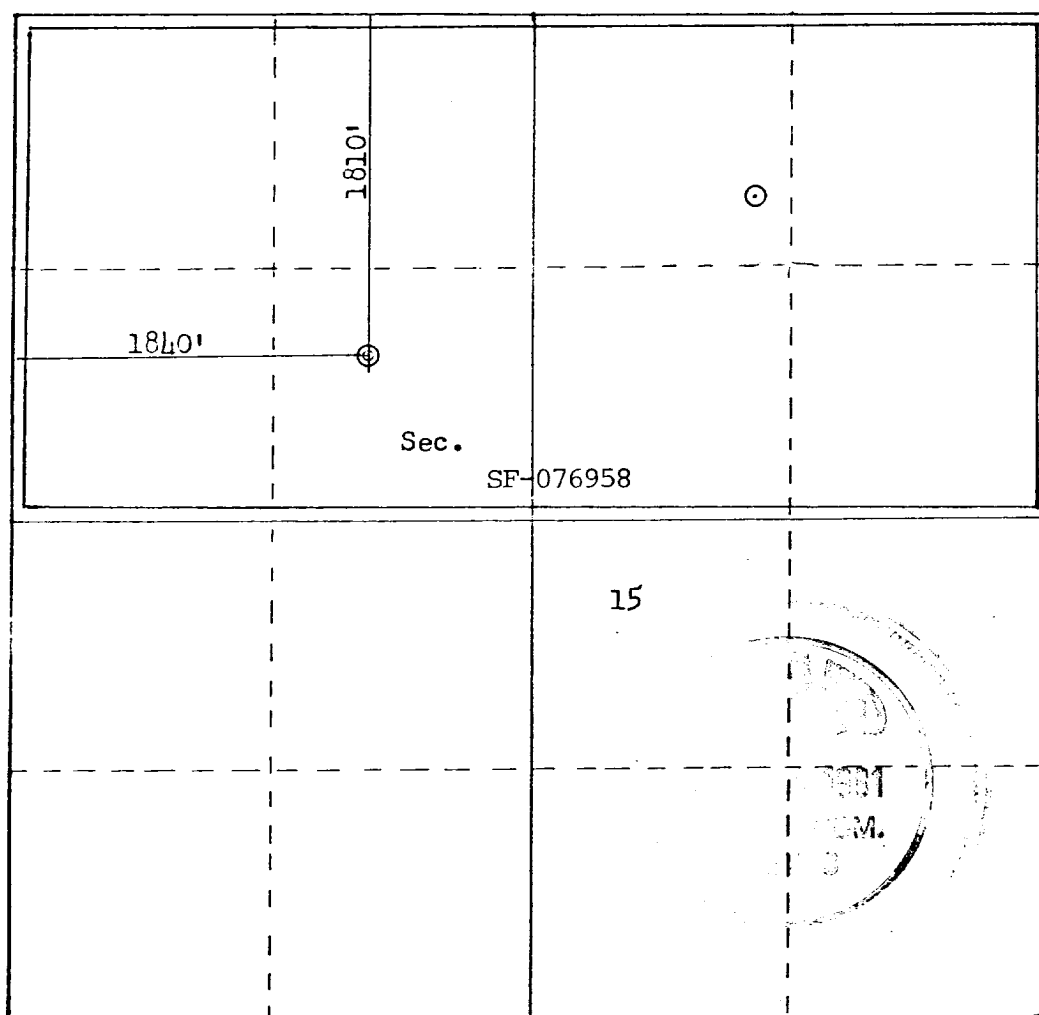
Operator SOUTHLAND ROYALTY COMPANY			Lease HARE		Well No. 17E
Unit Letter F	Section 15	Township 29N	Range 10W	County San Juan	
Actual Footage Location of Well:					
1810 feet from the North line and		1840 feet from the West line			
Ground Level Elev. 5741	Producing Formation Mesa Verde/Dakota	Pool Blanco/Basin		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?

☐ 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.



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

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 1, 1980

Registered Professional Engineer
and Land Surveyor of New Mexico

Fred B. Kerr, Jr.

Certificate No.

3950

FRED B. KERR, JR.