

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, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1520' FNL & 1070' FEL

At proposed prod. zone

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

9 miles North of Farmington, New Mexico

15. DISTANCE FROM PROPOSED*

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

200'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2400'

16. NO. OF ACRES IN LEASE

2442.59

19. PROPOSED DEPTH

6930'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 / 319.91 DIC

20. ROTARY OR CABLE TOOLS

Rotary

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

5986' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

May 20, 1981

23. GENERAL REQUIREMENTS

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12-1/4"	8-5/8"	24#	200'	165 cu.ft. - Circ to surface
7-7/8"	5-1/2"	15.50#	6930' Stge 1	283 cu.ft. - Cover Gallup
			Stge 2	305 cu.ft. - Cover Cliff House
			Stge 3	342 cu.ft. - Cover Ojo Alamo

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 1142'.

Top of Pictured Cliffs sand is at 2210'.

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 GR-Density from total depth to 1800'.

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

It is expected that this well will be drilled before August 1, 1981. This depends
on time required for approvals, rig availability 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. 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 4/16/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

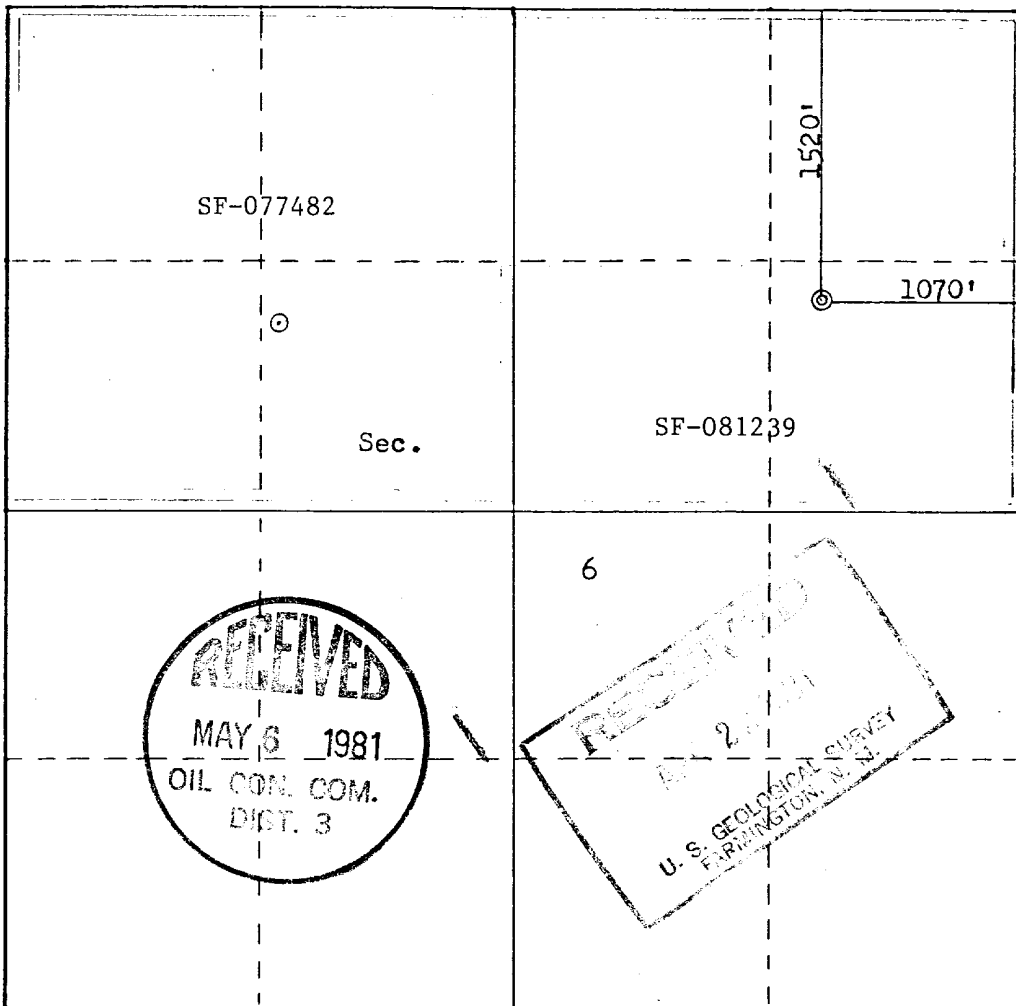
DATE

MAY 05 1981

JAMES F. SIMS
DISTRICT ENGINEER

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

Operator SOUTHLAND ROYALTY COMPANY			Lease HOLDER "A"		Well No. 1E
Unit Letter H	Section 6	Township 30N	Range 12W	County San Juan	
Actual Footage Location of Well: 1520 feet from the North line and 1070 feet from the East line					
Ground Level Elev. 5986	Producing Formation Dakota / Gallup		Pool Basin / Flora Vista		Dedicated Acreage: 320 / 160 Acres
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>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?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes," type of consolidation <u>Communitization</u></p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)</p> <p>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.</p>					



Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>R. E. Fielder</i>	
Name	Robert E. Fielder
Position	District Engineer
Company	Southland Royalty Company
Date	April 16, 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	January 6, 1981
Registered Professional Engineer and Land Surveyor	
<i>Fred B. Kerr, Jr.</i>	
Certificate No.	3950

754 R. 13 W

R. 12 W

410 000 FEET

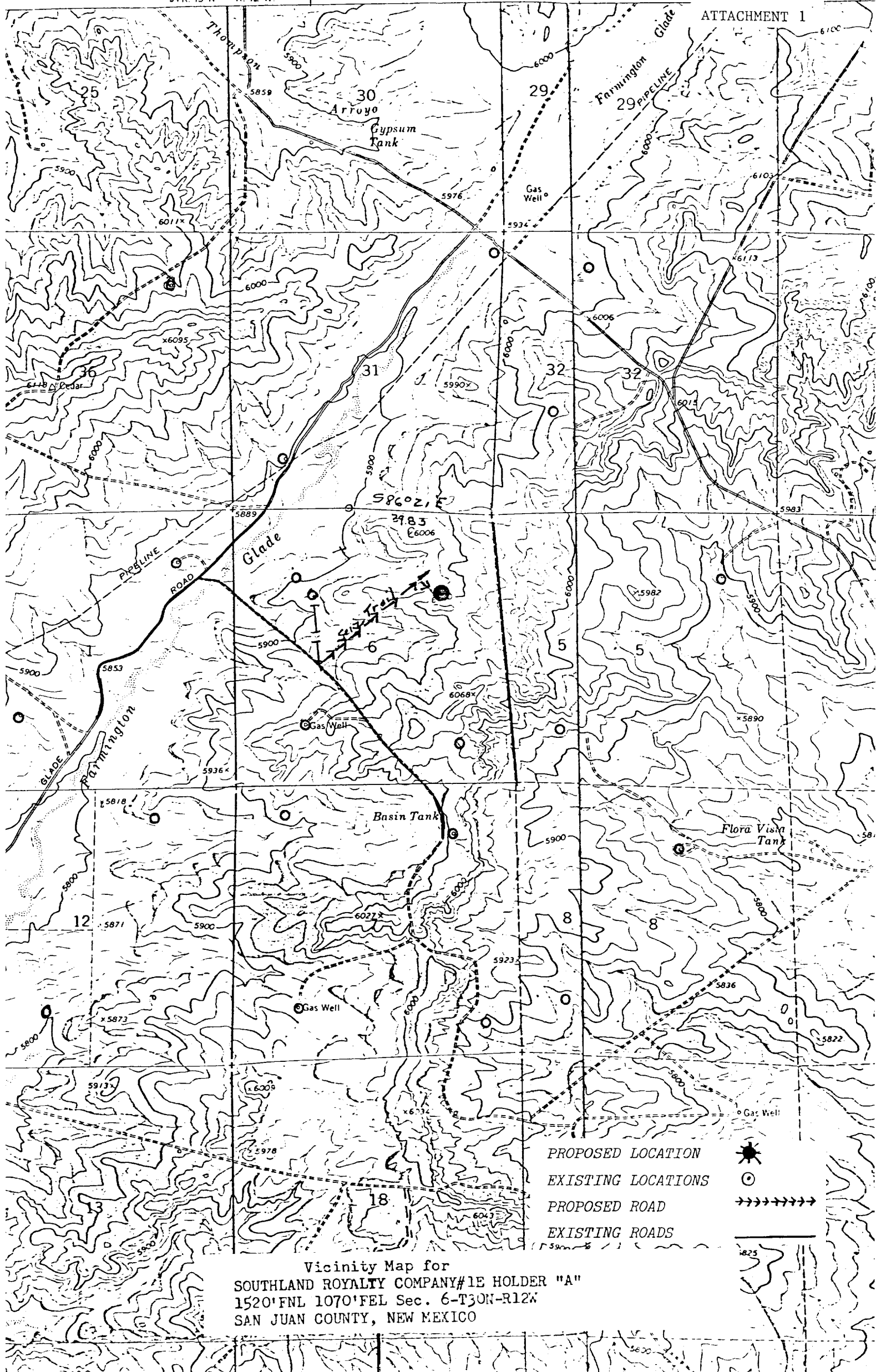
756

108°07'30"

757000m. E.

758

ATTACHMENT 1



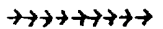
PROPOSED LOCATION



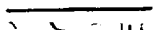
EXISTING LOCATIONS



PROPOSED ROAD



EXISTING ROADS



Vicinity Map for
 SOUTHLAND ROYALTY COMPANY#1E HOLDER "A"
 1520'FNL 1070'FEL Sec. 6-T30N-R12W
 SAN JUAN COUNTY, NEW MEXICO