

NO. OF COPIES RECEIVED	6
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	
OPERATOR	2

# NEW MEXICO OIL CONSERVATION COMMISSION

30-045-20870  
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.	

## 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"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Form or Lease Name Hubbard	
2. Name of Operator Southland Royalty Company		9. Well No. #2A	
3. Address of Operator P. O. Drawer 570, Farmington, New Mexico		10. Field and Pool, or Wildcat Blanco Mesa Verde	
4. Location of Well UNIT LETTER 0 LOCATED 910 FEET FROM THE South LINE AND 1840 FEET FROM THE East LINE OF SEC. 11 TWP. 32N RGE. 12W NMPM		12. County San Juan	
21. Elevations (Show whether DF, RT, etc.) 6218' GR		19. Proposed Depth 5341'	19A. Formation Mesa Verde
21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start January 15, 1978	

23.

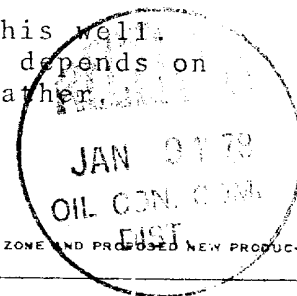
## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	36#	200'	130 cu. ft.	Circ to surface
8-3/4"	7"	20#	2967'	342 cu. ft.	Cover Ojo Alamo
6-1/4"	4-1/2"	10.50#	2817'-5341'	438 cu. ft.	Liner top
	2-3/8"	4.7#	5250'		

Surface formation is Nacimiento.  
Top of Ojo Alamo sand is at 1452'.  
Top of Pictured Cliffs sand is at 2667'.  
Fresh mud will be used to drill to intermediate casing point.  
An air system will be used to drill to total depth.  
It is anticipated that a Gamma Ray Density and a Gamma Ray Induction be run at total depth.  
No abnormal pressures or poisonous gases are anticipated in this well.  
It is expected this well be drilled before April 1, 1978. This depends on time required for approvals, rig availability and the weather.  
Gas is dedicated.

EXPIRES 4-9-78

APPROVED BY  
FOR 90 DAYS  
DRILLING COMMISSION



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 [Signature] Title District Production Mgr. Date January 5, 1978

(This space for State Use)

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

NWU-36

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form O-100  
Supersedes O-128  
Effective 1-1-65

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

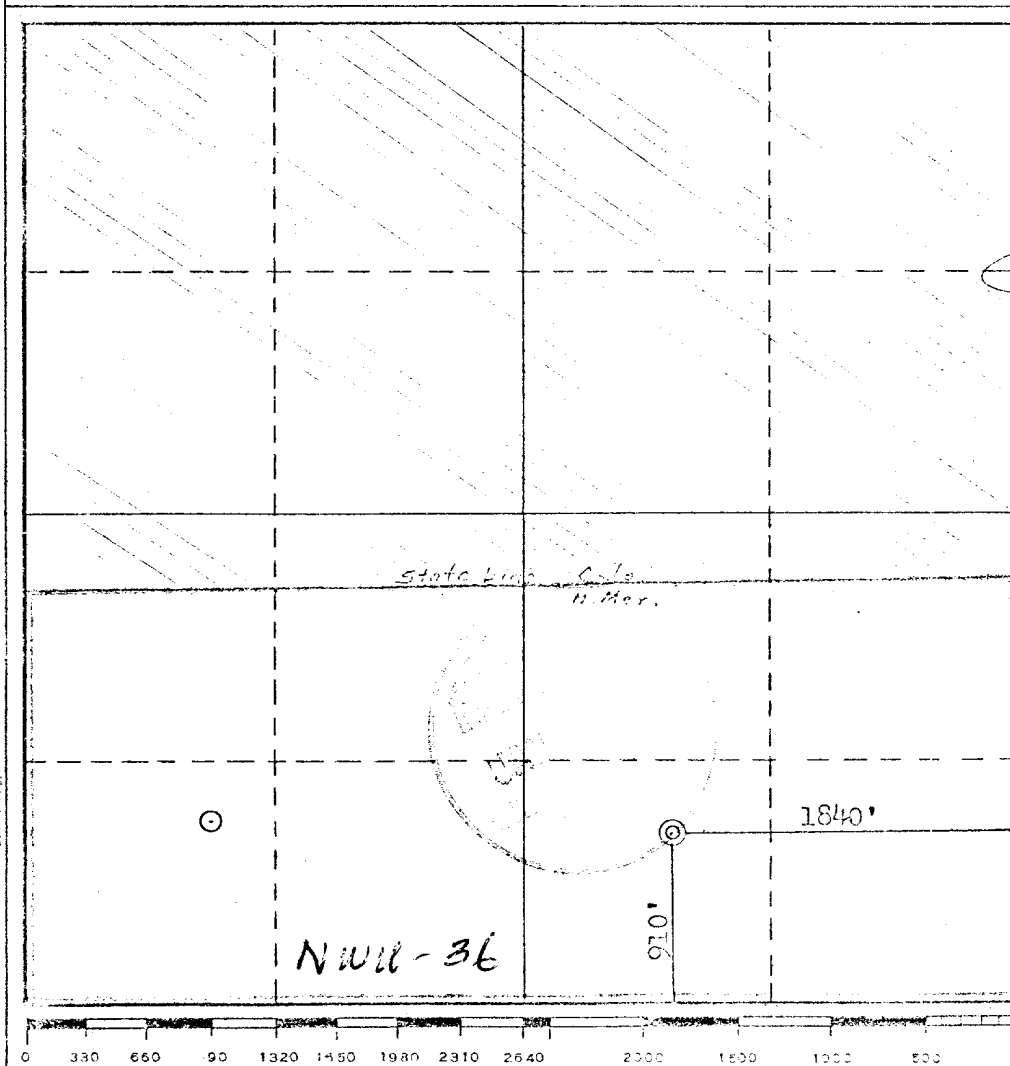
Operator <b>Southland Royalty Company</b>			Lease <b>Hubbard</b>		Well No. <b>24</b>
Unit Letter <b>0</b>	Section <b>11</b>	Township <b>32N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>910</b> feet from the <b>South</b> line and <b>1840</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6218</b>	Producing Formation <b>Mesa Verde</b>		Pool <b>Blanco</b> ✓	Dedicated Acreage: <b>336.4</b> ✓ 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.

\_\_\_\_\_  
Position  
**Dist. Production Manager**  
Company  
**Southland Royalty Company**  
Date  
**January 5, 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  
**October 23, 1977**  
Registered Professional Engineer and/or Lead Surveyor  
**Fred B. Kern Jr.**  
Certificate No.  
**3950**



Southland Royalty Company

January 5, 1978

New Mexico Oil Conservation Commission  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

Attention: Mr. Al Kendrick

Dear Sir:

All drilling and completion rigs will be equipped with 6" or larger double gate hydraulic blowout preventers and a hydraulic operated closing unit with steel lines.

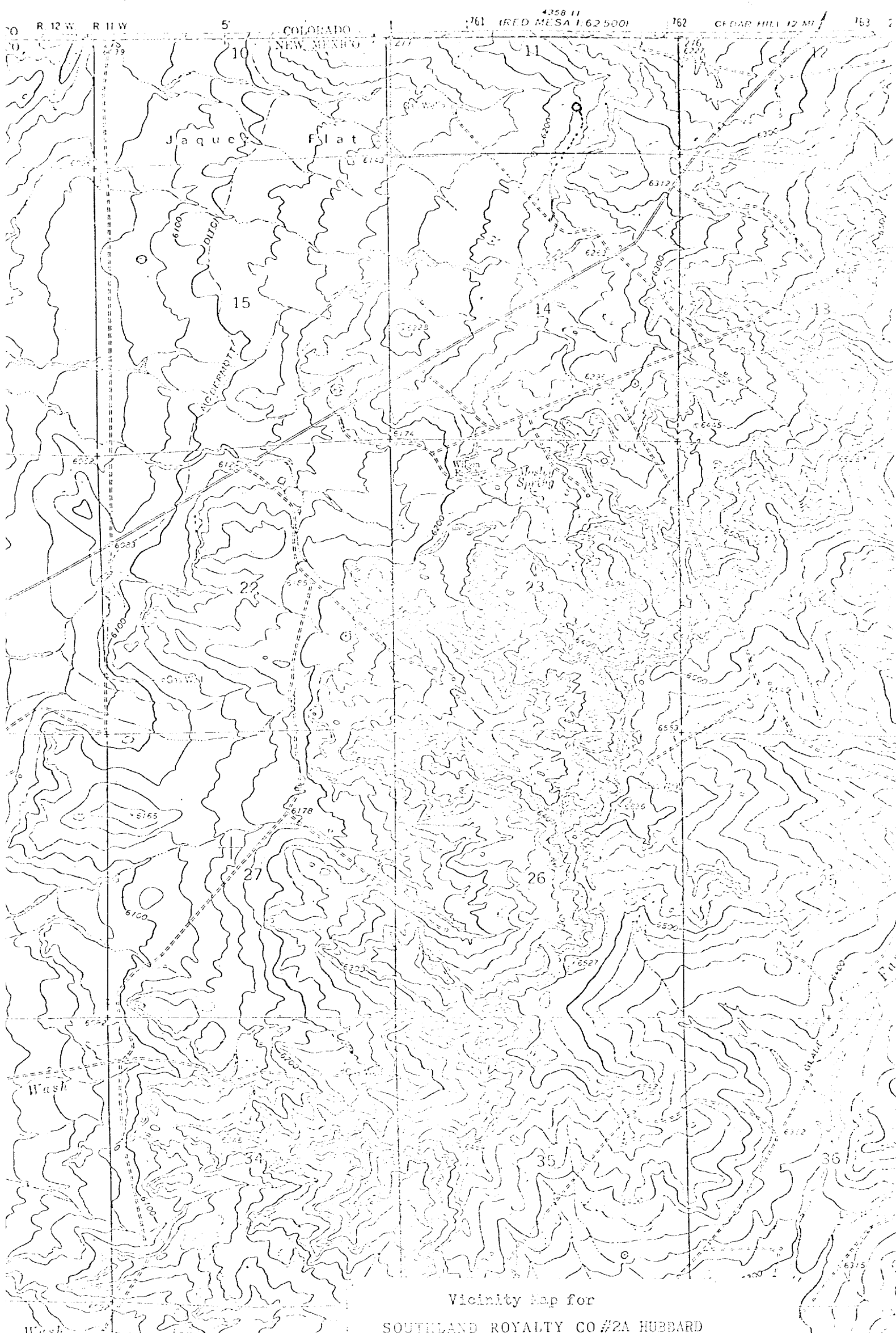
The preventer is 3000# working pressure and 6000# test.

All crews will be thoroughly trained in the operation of this preventer. The preventer will be tested at the beginning of every tower change to insure proper operation.

Yours truly,

L. O. Van Ryan  
District Production Manager

LOVR/dg



Vicinity Map for  
SOUTHLAND ROYALTY CO #2A HUBBARD