

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

NEW MEXICO OIL CONSERVATION COMMISSION

30-045-23959
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	
Patterson "B" Com	
9. Well No.	
#1E	
10. Field and Pool, or Wildcat	
Basin Dakota	
12. County	
San Juan	
19. Proposed Depth	19A. Formation
7560'	Dakota
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	22. Approx. Date Work will start
6219' GR	February 1, 1980

1a. Type of Work	
b. Type of Well	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>
OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>
OTHER	
2. Name of Operator	
Southland Royalty Company	
3. Address of Operator	
P. O. Drawer 570, Farmington, NM 87401	
4. Location of Well	
UNIT LETTER M	LOCATED 805'
FEET FROM THE South	
AND 895'	FEET FROM THE West
LINE OF SEC. 2 TWP. 31 N RGE. 12W NMPM	
19. Proposed Depth	
7560'	
19A. Formation	
Dakota	
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	
6219' GR	
21A. Kind & Status Plug. Bond	
21B. Drilling Contractor	
22. Approx. Date Work will start	
February 1, 1980	

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"	32.3#	200'	110 Sacks	Circ. to Surface
8 3/4"	7"	23.0#	5070'	100 Sacks (#1)	Cover Cliff House
				240 Sacks (#2)	Cover Ojo Alamo
6 1/4"	4 1/2"	10.5#	4920'-7000'	310 Sacks	
6 1/4"	4 1/2"	11.6#	7000'-7560'		

Surface formation is Nacimiento.
Top of Ojo Alamo sand is at 1614'.

Fresh water mud will be used to drill from surface to Intermediate TD
Gas will be used to drill from Intermediate TD to Total Depth.

It is anticipated that a GR-Induction and a GR-Density log will be run from Total Depth to Intermediate TD and an IES and GR-Density log will be run from Intermediate TD to surface casing.

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

It is expected that this well will be drilled before July 31, 1980. This depends on time required for approval, rig availability and the weather.

Gas is dedicated.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED

EXPIRES 2-12-80

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 Frank T. Chavez Title District Production Manager Date 11-8-79

(This space for State Use)

Original Signed by FRANK T. CHAVEZ

APPROVED BY _____ TITLE _____ DATE NOV 14 1979

CONDITIONS OF APPROVAL, IF ANY:

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

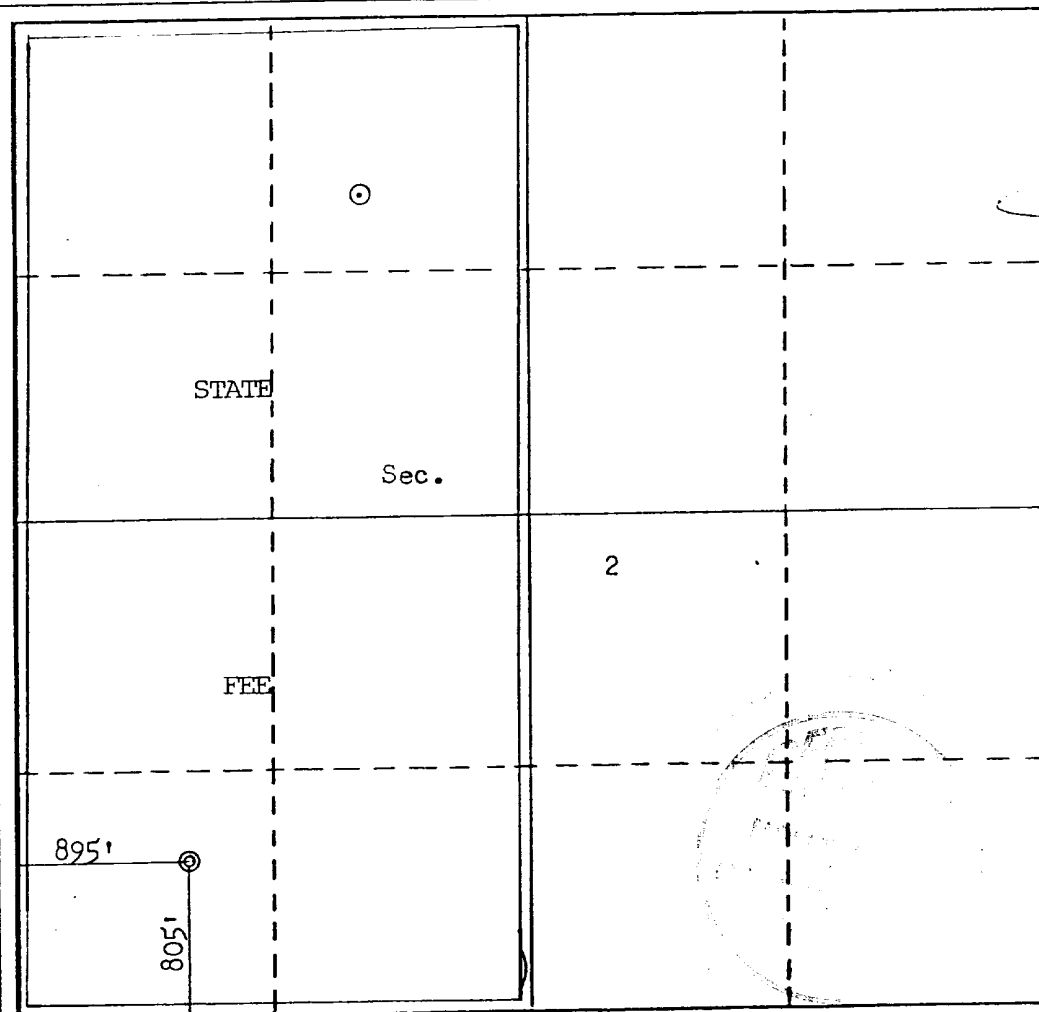
Operator SOUTHLAND ROYALTY COMPANY		Lease PATTERSON "B" COM		Well No. 1-E
Unit Letter M	Section 2	Township 31N	Range 12W	County San Juan
Actual Footage Location of Well: 805' feet from the SOUTH line and 895' feet from the West line				
Ground Level Elev. 6219	Producing Formation Dakota	Pool Basin	Dedicated 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 Communitized

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.

L. O. Van Ryan

Name

L. O. Van Ryan

Position

District Production Manager

Company

Southland Royalty Company

Date

November 8, 1979

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 31, 1979

Registered Professional Engineer

and/or Land Surveyor

No. **10000**

Fred B. Kern, Jr.

Certificate No. **10000**

NEW MEX.



Southland Royalty Company

November 8, 1979

Oil Conservation Division
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.

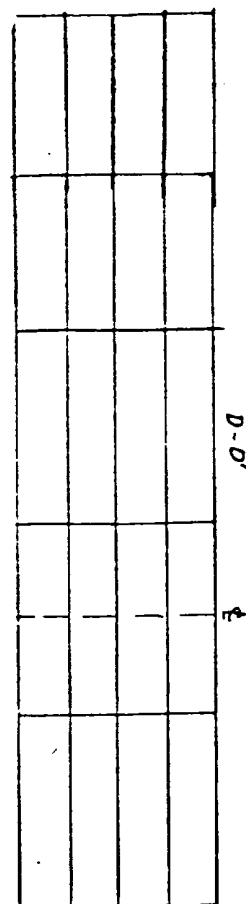
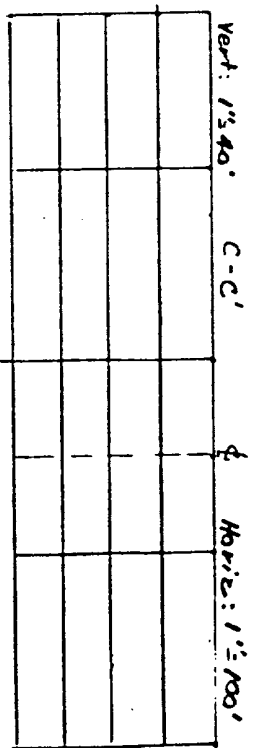
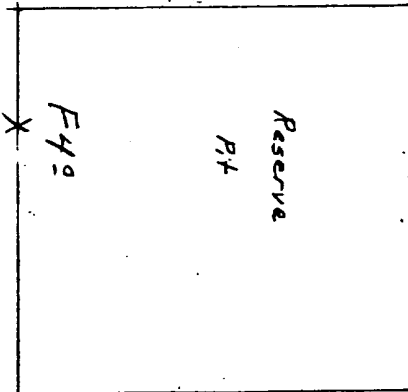
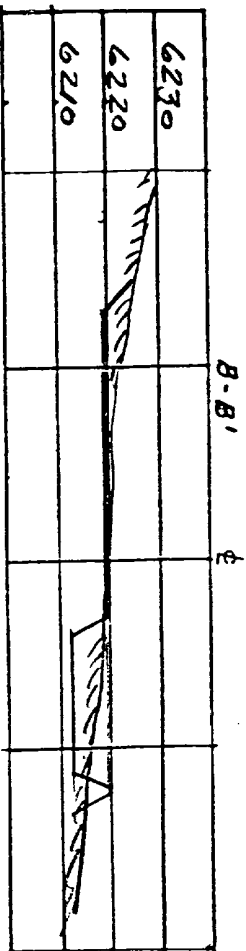
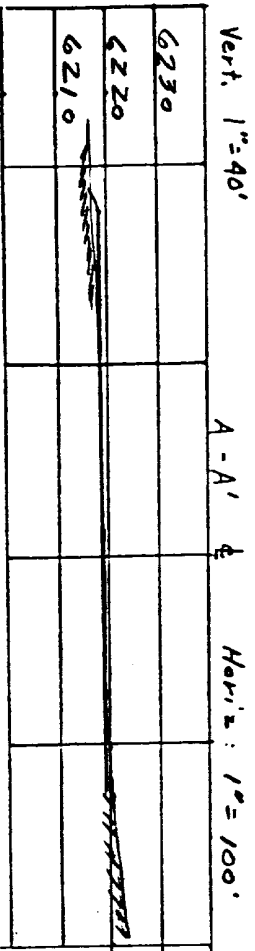
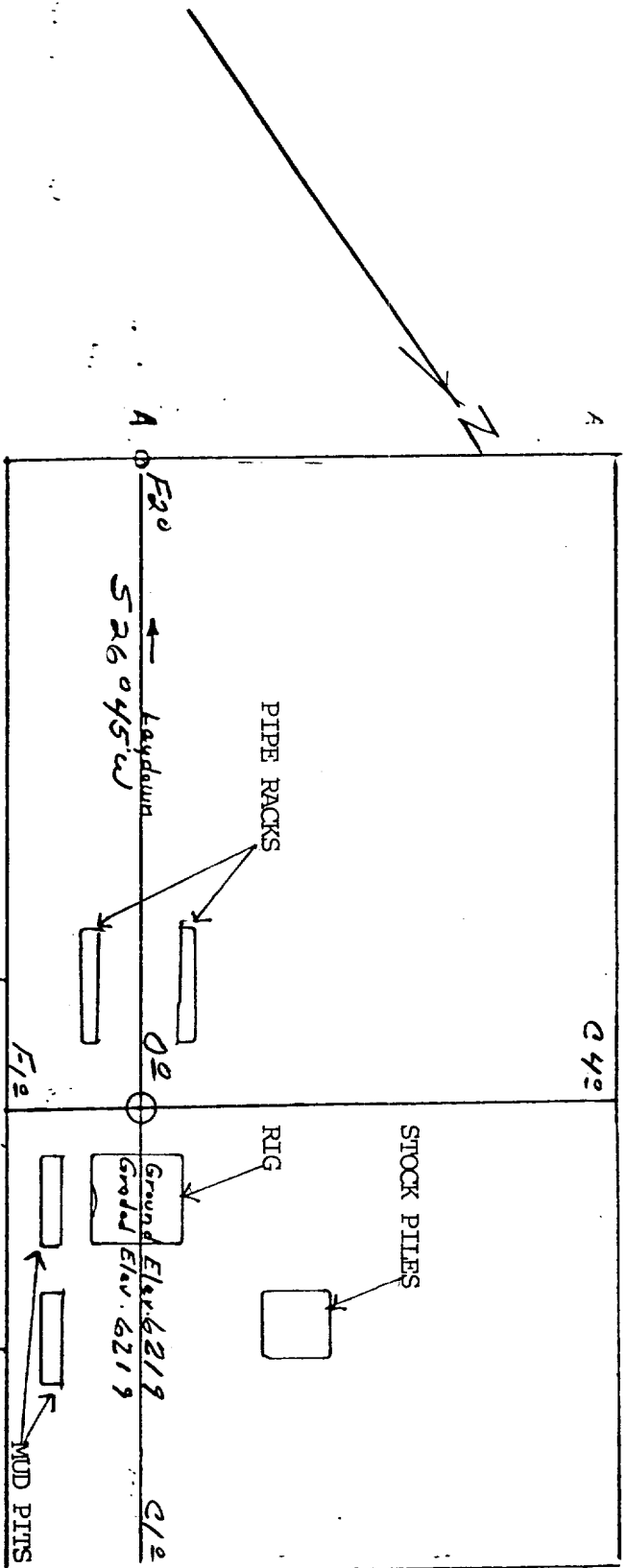
All crews will be thoroughly trained in the operation of this preventer. The preventer will be tested frequently enough to insure safe operation.

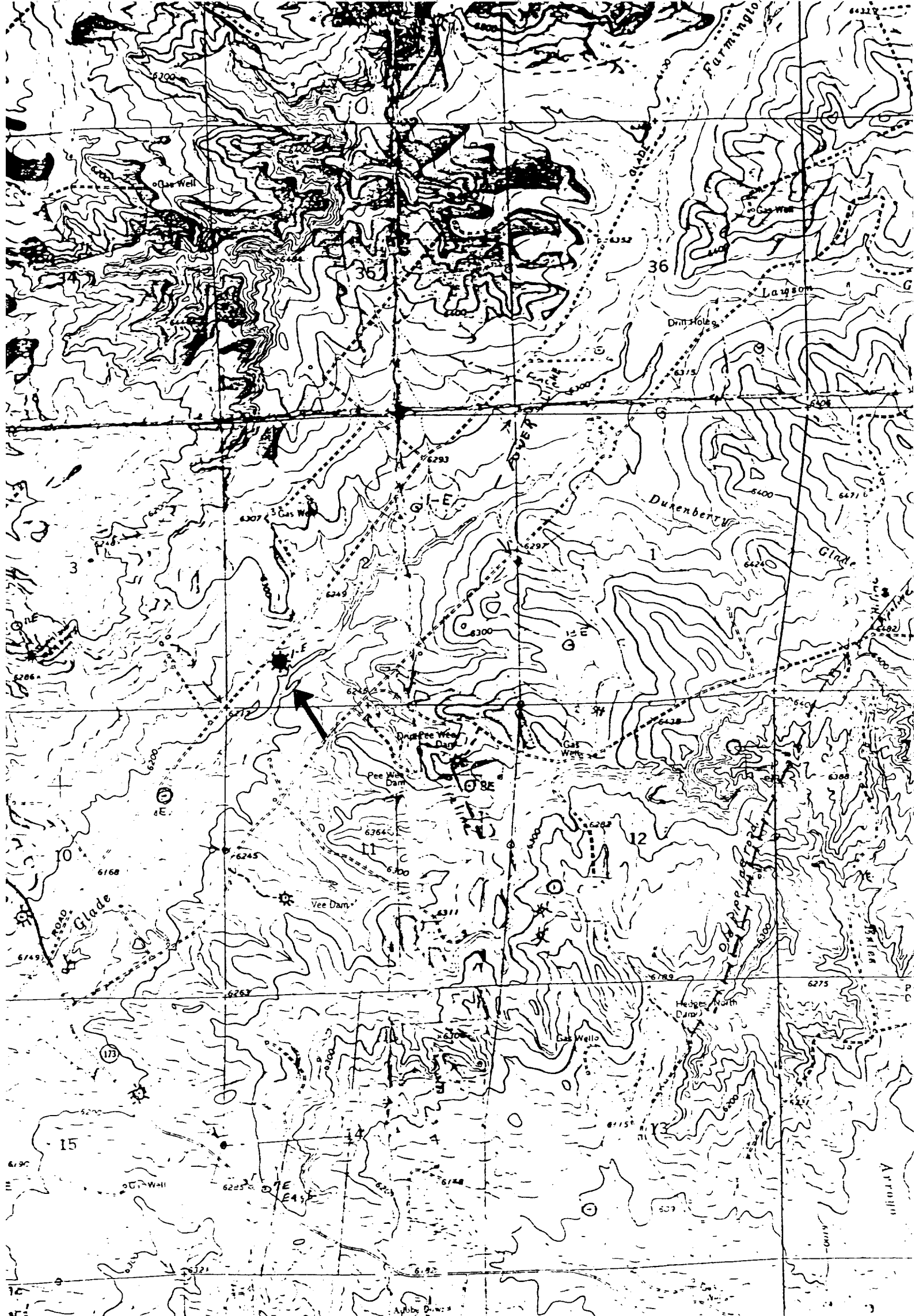
Yours truly,

L. O. Van Ryan
District Production Manager

LOVR/dg

LOCATION PROFILE FOR
 SOUTHLAND ROYALTY CO. #1E PATTERSON "B" COM
 805' FSL 895' FWL Sec. 2-T31N-R12W
 SAN JUAN COUNTY, NEW MEXICO





Proposed Location
Existing Locations
Proposed Road
Existing Roads

Vicinity Map for
SOUTHLAND ROYALTY CO. #1E PATTERSON "B" COM
805' FSL 895' FWL Sec 2-T31N-R12W
SAN JUAN COUNTY, NEW MEXICO