

DRILLING SCHEDULE - JICARILLA 468 #1

Location: 810' FNL & 1080' FWL, Section 32, T28N, R3W, Rio Arriba, New Mexico

Field: Choza Mesa Pictured Cliffs/Blanco Mesa Verde      Elevation: 7094' GL  
7106' KB

Geology: Formation Tops: Ojo Alamo      2500'      Cliff House 5751'  
Pictured Cliffs 3826'      Total Depth 6351'  
Intermediate 4226'

Logging Program: IES & GR Density @ Intermediate.  
GR Induction & GR Density @ TD.

Coring Program: None

Natural Gauges: Gauge @ last connection above Cliff House & @ TD.  
Also gauge any noticeable increases in gas. Record  
all gauges in tour book & turn in on morning report.

Drilling: Contractor -      Tool Pusher:  
SRC Representative:      SRC Ans. Svc. 325-1841  
Dispatch No. 325-7391

Mud Program: Fresh water mud to Intermediate.  
Air from Intermediate to TD.

Materials: Casing Program:

<u>Hole Size</u>	<u>Depth</u>	<u>Casing Size</u>	<u>Wt. &amp; Grade</u>
12 1/4"	200'	9 5/8"	32.30# H-40
8 3/4"	3950'	7"	20.00# K-55
	3950'-4226'	7"	23.00# K-55
6 1/4"	4076'-6351'	4 1/2"	10.5# K-55

Float Equipment: 9 5/8" surface casing - Pathfinder type "A" guide shoe.

7" intermediate casing- Pathfinder type "A" guide shoe. Howco self-fill insert float valve. Five Pathfinder rigid centralizers. Run float 2 joints above shoe. Run centralizers every other joint above shoe.

4 1/2" liner - Pathfinder type "AP" guide shoe. Prod. #2017-1-050. Pathfinder type "AP" flapper float collar. Prod. #2008-2-000.

Wellhead Equipment: Rector 9 5/8" X 10", 600# casing head.  
10", 600# X 6", 600# tubing head with dual hanger  
for 2 3/8" X 1 1/2".

Cementing: 9 5/8" surface casing - 110 sx Cl "B" w/1/4# gel flake/sk & 3%  $\text{CaCl}_2$ .  
(130 cu.ft.) WOC-12 hrs. Test to 600 psi<sup>2</sup>  
prior to drilling out.

7" intermediate casing -145 sx 50/50 poz w/6% gel (7.2 gal water/sk),  
followed by 70 sx Cl "B" w/2%  $\text{CaCl}_2$ . (253 cu.ft.)  
If lost circulation is encountered during drilling,  
add 1/4 cu.ft. of fine gilsonite/sk. WOC-12 hrs.  
Run temp survey after 8 hrs. Test to 1000 psi  
before drilling out.

4 1/2" liner - Precede cement with 20 bbls. gel water. Cement with  
250 sx 50/50 poz w/6% gel & 0.6% Halad 9. (370 cu.ft.)

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L. O. Van Ryan



**Southland Royalty Company**

August 10, 1978

United States Geological Survey  
P. O. Box 1809  
Durango, Colorado

Attention: Blowout Preventer Plan

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.

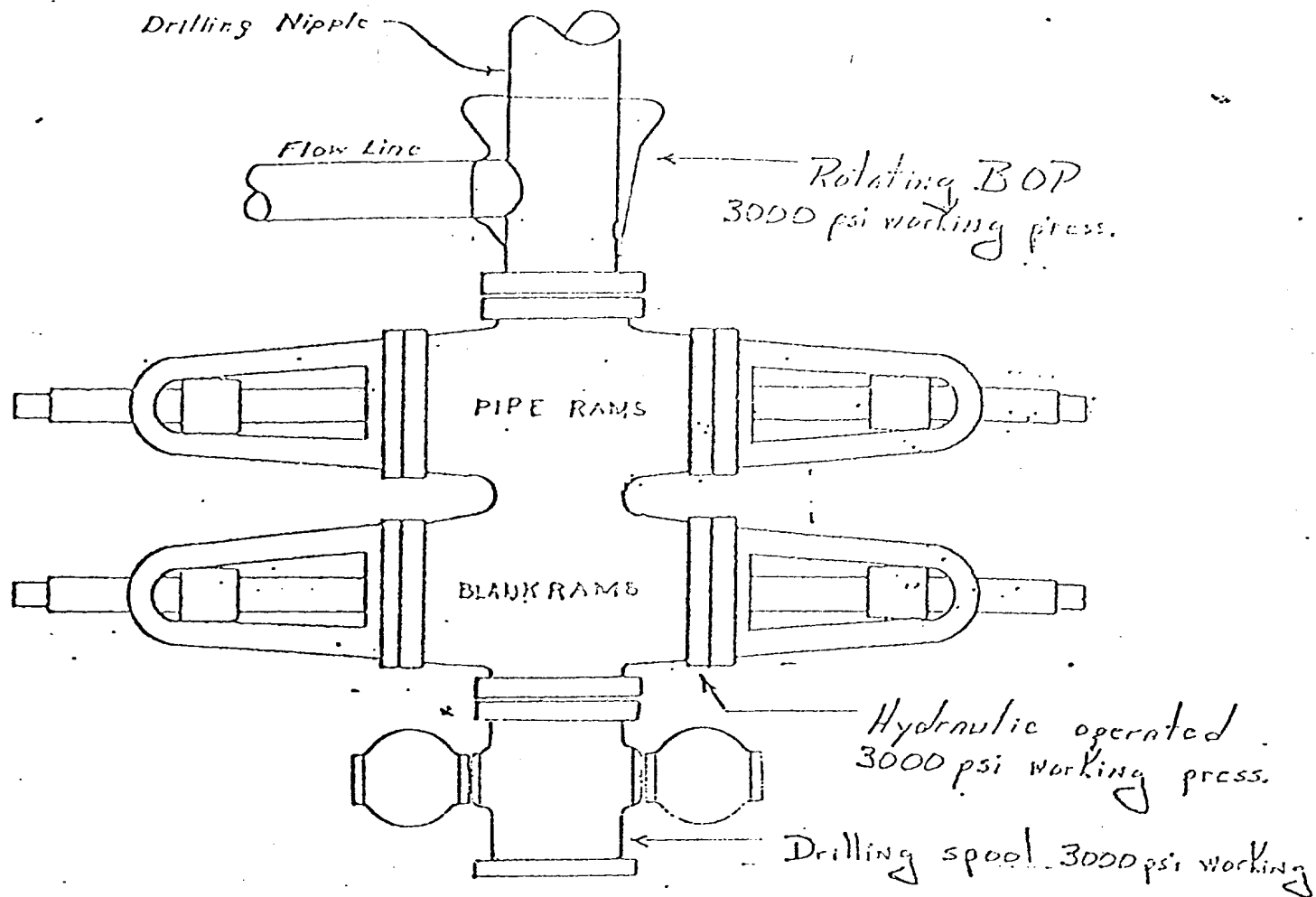
All crews will be thoroughly trained in the operation of this preventer. The preventer will be tested frequently enough to insure proper operation.

Yours truly,

L. O. Van Ryan  
District Production Manager

LOVR/dg

AUG 10 1978



Preventers and spools are to have  
through bore of 6" - 3000# PSI or larger.

AUG 1 6 1970



## Southland Royalty Company

August 10, 1978

United States Geological Survey  
P. O. Box 1809  
Durango, Colorado

Attention: Mr. Jerry Long

Dear Sir:

Enclosed please find map showing existing roads and planned access roads to Southland Royalty Company's Jicarilla 468 #1 well. The location of tank batteries and flow lines will be on location with well. A burn pit will be provided for disposal of trash. Cuttings, drilling fluid and produced fluids will be put into the reserve pit and properly disposed of depending on amount and type of fluids.

Contractor will furnish restroom facilities on location.

There will be no air strips or camps.

Also, enclosed is a location layout showing approximate location of rig, pits, pipe racks and cut required to build this location.

Water supply will be water holes along the La Jara Wash. All water will be transported by truck and stored on location.

The location will be restored according to Bureau of Indian Affairs standards. This work will begin when all related construction is finished.

Mr. Max Larson will be Southland Royalty Company's field representative supervising these operations.

Yours truly,

L. O. Van Ryan  
District Production Manager

LOVR/dg



## Southland Royalty Company

United States Geological Survey  
P. O. Box 1809  
Durango, Colorado

Attention: Mr. Jerry Long

Dear Sir:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein be performed by Southland Royalty Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

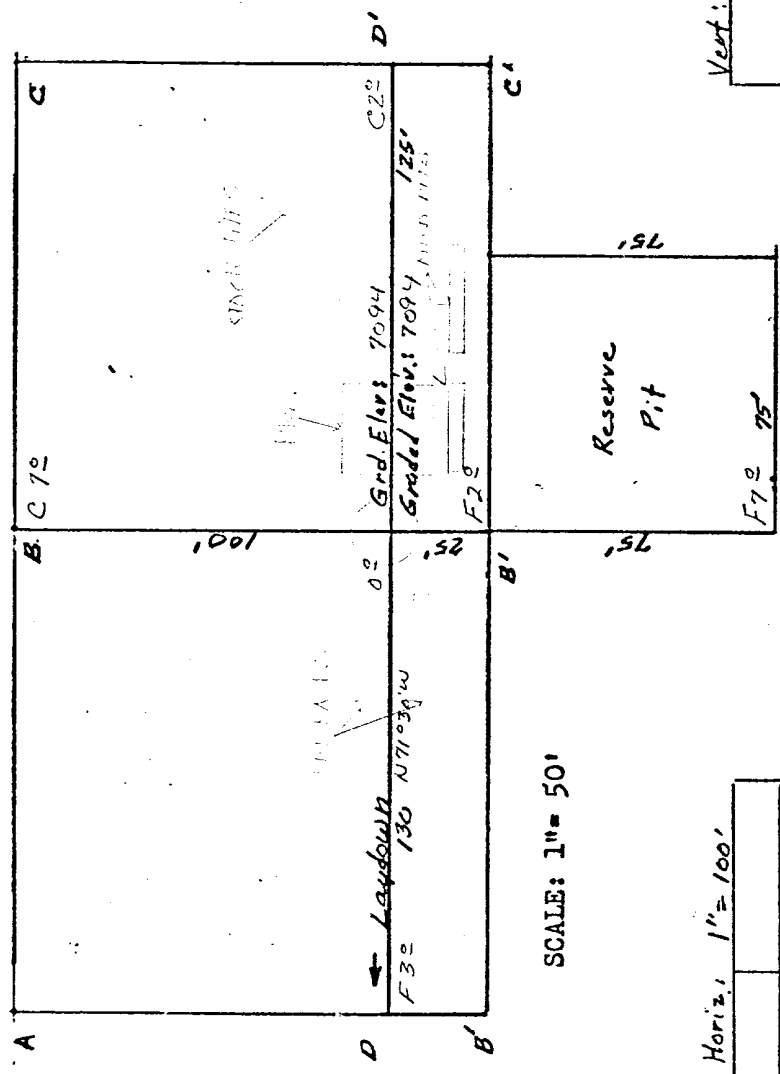
Date: August 10, 1978

Name: CC Parson

Title: District Engineer

RECEIVED  
AUG 14 1978  
FARMINGTON, NEW MEXICO

32-28-3  
 Location Profile for  
 SOUTHLAND ROYALTY COMPANY # 1 Jicarilla 468  
 810'FNL 1080'FWL Sec 32-T28N-R3W  
 Rio Arriba County, New Mexico



Vert: 1"=40'      C-C'      &      Horiz: 1"=100'


D-D'      &

7100				
7090				
7080				

Vert: 1"=40'      A-A'      &      Horiz: 1"=100'


B-B'      &

7100				
7090				
7080				



EXISTING LOCATIONS ○  
PROPOSED LOCATION ★  
EXISTING ROADS ———  
PROPOSED ROAD - - - - -

Vicinity Map for  
SOUTHLAND ROYALTY CO. #1 Jicarilla 468  
810'FNL 1080'FWL Sec 32-T28N-R3W  
RIO ARriba COUNTY, NEW MEXICO