

DRILLING SCHEDULE - JICARILLA 467 #1

Location: 1560' FSL & 1740' FWL, Section 29, T28N, R3W, Rio Arriba, New Mexico

Field: Choza Mesa Pictured Cliffs/Blanco Mesa Verde Elevation: 7024' GL
7036' KB

Geology: Formation Tops: Ojo Alamo 2425' Cliff House 5681'
Pictured Cliffs 3746' Total Depth 6281'
Intermediate 4146'

Logging Program: IES & GR Density @ Intermediate.
GR Induction & GR Density @ Total Depth.

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 and turn in on morning report.

Drilling: Contractor -
SRC Representative:

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

Mud Program: Fresh water mud to Intermediate.
Air from Intermediate to Total Depth.

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Materials: Casing Program:

Hole Size	Depth	Casing Size	Wt. & Grade
12 1/4"	200'	9 5/8"	32.30# H-40
8 3/4"	3950'	7"	20.00# K-55
	3950'-4146'	7"	23.00# K-55
6 1/4"	3996'-6281'	4 1/2"	10.5# K-55

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DENVER, COLO.

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. 5 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% Ca Cl₂ (130 cu. ft.). WOC - 12 hrs. Test to 600 psi 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% Ca Cl₂. (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 270 sx 50/50 poz w/6% gel & 0.6% Halad 9 (400 cu.ft.).

L. O. Van Ryan

CCP/kde

8-7-78



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,

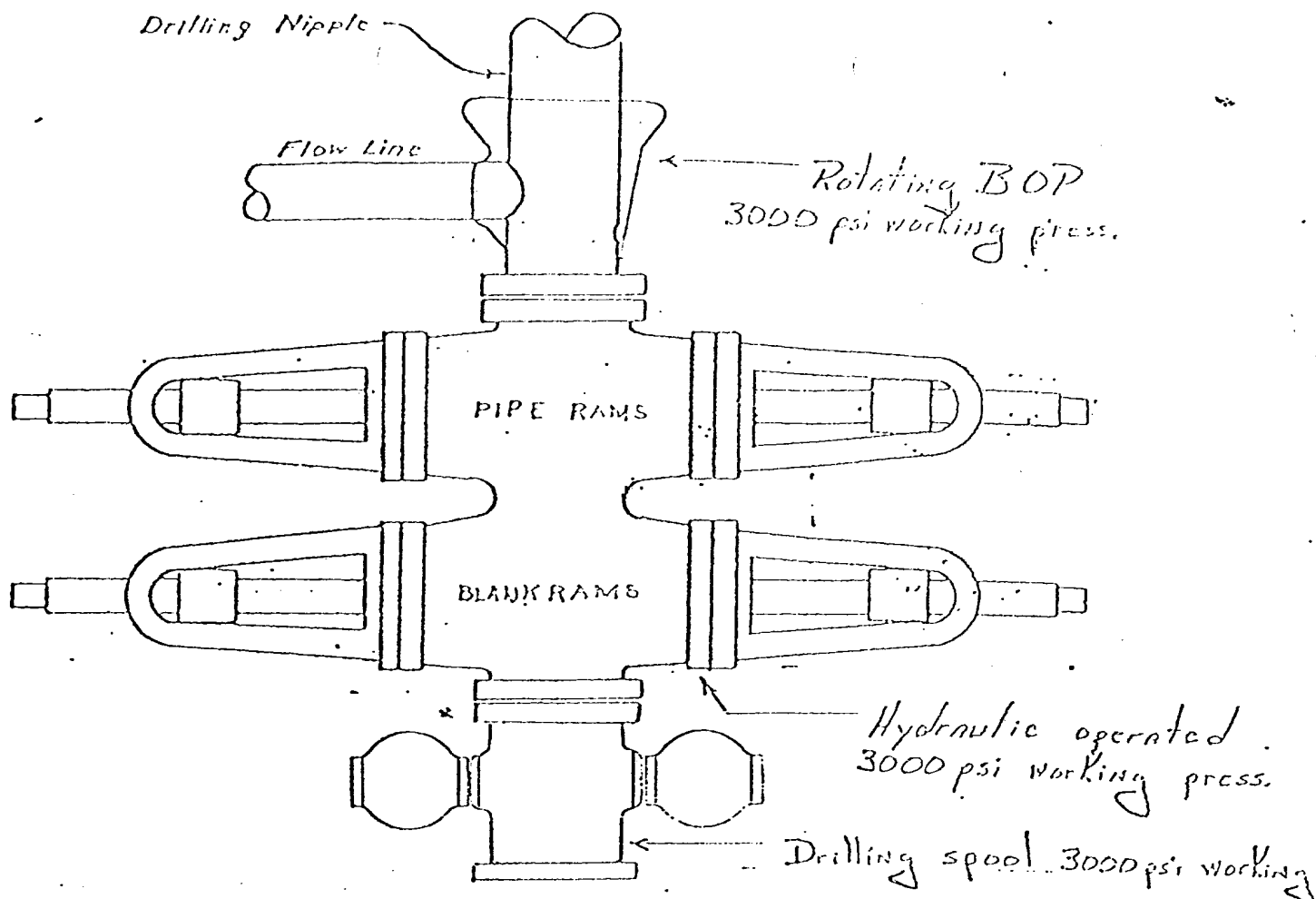
L. O. Van Ryan
District Production Manager

LOVR/dg

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**U. S. GEOLOGICAL SURVEY
DURANGO, COLO.**



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

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U.S. GEOLOGICAL SURVEY
DENVER, COLO.



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 467 #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 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

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U.S. GEOLOGICAL SURVEY
DURANGO, COLO.



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 Parsons

Title: District Engineer

44-28-3

SOUTHLAND ROYALTY CO. #1 Jicarilla 467

1560' FSL 1740' FHL Sec 29-T23N-R3W

Rio Arriba County, New Mexico



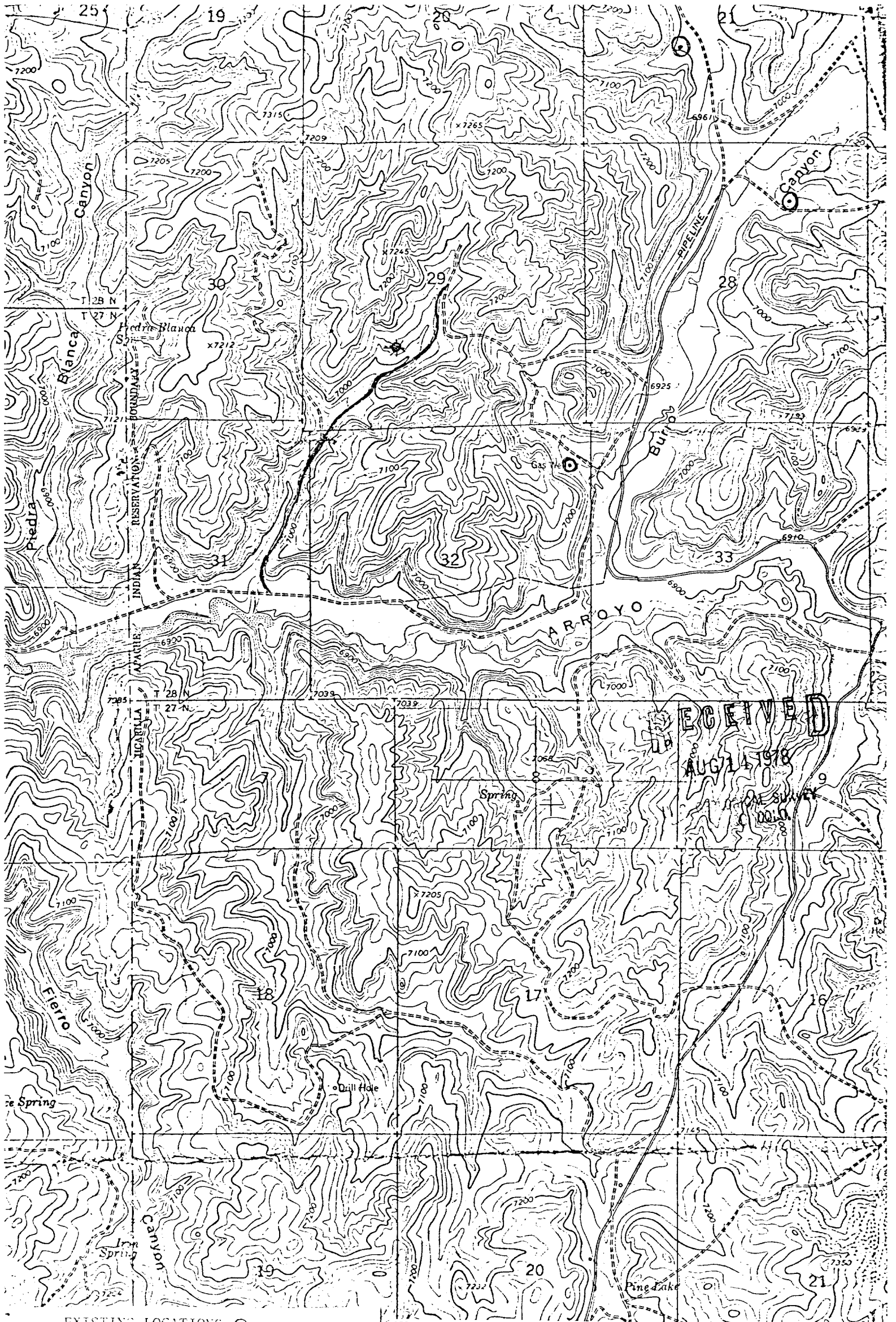
	Vert.: 1"=40'	C-C'	b	Horiz.: 1"=100'

D-D'		d	
7030			
7030			
7010			

AUG 14 1978

U. S. GEOLOGICAL SURVEY
DENVER, COLO.

KERR LAND SURVEYING
Date: July 2, 1978



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

Vicinity Map for
SOUTHLAND ROYALTY CO. #1 Jicarilla 467
1560' FSL 1740' FWL Sec 29-T28N-R3W
RIO ARRIBA COUNTY, NEW MEXICO