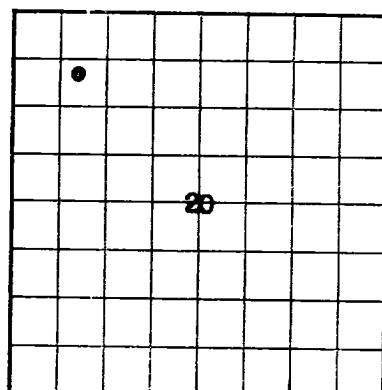


U. S. LAND OFFICE Jicarilla Indian  
SERIAL NUMBER Contract #103  
LEASE OR PERMIT TO PROSPECT



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Union Gas Company Address 1001 Burt Building, Dallas, Texas  
Lessor or Tract Jicarilla Field Wildcat State New Mexico  
Well No. 1-H Sec. 20 T. 26N R. 4W Meridian N.M.P.M. County Rio Arriba  
Location 990 ft. S of N Line and 990 ft. E of W Line of 20 Elevation 6630'

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Original Signed By \_\_\_\_\_  
Signed A. M. WIEDERKEHR  
A. M. Wiederkehr  
Title Manager Exploration Dept.  
Date 7-30-54

The summary on this page is for the condition of the well at above date

Commenced drilling 7-7- 1954 Finished drilling 7-16- 1954

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

[illegible]

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8" x 196'		150	Halliburton		
Place 40 sacks cement plugin the bottom of the hole, mud the hole up, place a 20					

## PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		N-O-N-E				

## TOOLS USED

Rotary tools were used from 0 feet to 33.8 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## DATES

....., 19..... Put to producing ..... 1, 19.....

The production for the first 24 hours was ..... barrels of fluid of which ..... % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, °Bé. ....

If gas well, cu. ft. per 24 hours none Gallons gasoline per 1,000 cu. ft. of gas 1

Rock pressure, lbs. per sq. in. ----- none -----

## EMPLOYEES

**B. J. Copeland**....., Driller                      **D. H. Hood**....., Driller  
**Jerry Sisk**....., Driller                      **W. B. Douglas**....., Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2986	2986	surface sand and shale
2986	3218	232	shale
3218	3270	52	coal, shale
3270	3318	48	shale, sand, and coal
3318	3348	30	sand
<u>TOPS:</u> Pictured Cliffs - 3295'			