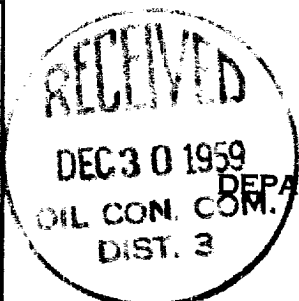


A 10x10 grid with a small circle and the number 3 plotted. The circle is located at the intersection of the 4th column and the 6th row from the top-left. The number 3 is located at the intersection of the 5th column and the 6th row from the top-left.

LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. LAND OFFICE Ute Indian
SERIAL NUMBER tribal Contract
LEASE OR PERMIT TO PROSPECT _____

LEASE OR PERMIT TO PROSPECT

14-20-151-45

U.S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Surt Building
Lessor or Tract Ute Indian Field Verde Gallup State New Mexico
Well No. 1-3 Sec. 3 T. 31N R. 15W Meridian N.M.P.M. County San Juan
Location 1997 ft. NX S. of N Line and 2203 ft. EX of W Line of Section 3 Elevation 5844

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.

Date December 14, 1959

Signed Paul J. Clote
 Paul J. Clote, Manager
 Title Drilling and Production

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

Commenced drilling September 27, 1959 Finished drilling November 28, 1959

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from ~~None~~ to _____
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____ to _____
 No. 5, 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
10-3/4	219'	236	Halliburton		
On November 30, 1959 - Set cement plugs at 2350-2500', 1900-2000', and 1050-1150'.					

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
3022						

TOOLS USED

Rotary tools were used from 0 feet to 2265 feet, and from _____ feet to _____ feet
Cable tools were used from 2265 feet to 2660' feet, and from _____ feet to _____ feet

DATES

Plugged and Abandoned		DATES	
December 1	19 59	Put to producing	19

The production for the first 24 hours was 100 barrels of fluid of which -----% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours **Dry Hole** Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

Banner Drilling Company, Driller
 A. V. Brandon, Driller
 Benson-Montin-Greer Bldg Co, Driller
 B. H. Washburn, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	231	231	Sand-rock and shale
231	400	169	Sand-rock and cement
400	626	226	Sand and shale
626	785	159	Sandstone and shale
785	2276	1491	Sand and shale
2276	2585	309	Shale
2585	2590	5	Sandy
2590	2655	65	Sandy shale
2655	2660 TD	5	Sand - water

TOPS: Gallup 1797'
Greenhorn 2483'
Dakota 2603'

TOPS: Gallup 1797'
Greenhorn 2483'
Dakota 2603'

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

.....
.....
.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEC 3 0 1956
U.S. AIR FORCE
COMM. DIV.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

Company Name _____ Address _____
Lesson or Trade _____ Field _____ State _____
Specialty _____
Location _____ of _____ of _____
I have been given the right to complete and correct record of the well and all work done in
the well and the well is being drilled and worked in accordance with the plan of work
submitted to the _____
The _____
It is further on this page is for the condition of the well as above dated _____

OIL OR GAS SANDS OR LIGNITE

 $(\mathcal{D}) \text{ and } \mathcal{E} \subseteq \log \mathcal{G}(\mathcal{C})$

to	from	to	from
to	from	to	from
to	from	to	from

3. MAR 21 1964

0.01	$100 \pm 3 \cdot 10^4$	0.001	$100 \pm 3 \cdot 10^4$
0.001	$100 \pm 3 \cdot 10^4$	0.0001	$100 \pm 3 \cdot 10^4$

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re drilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling of shots.

U. S. GOVERNMENT PRINTING OFFICE

[illegible]