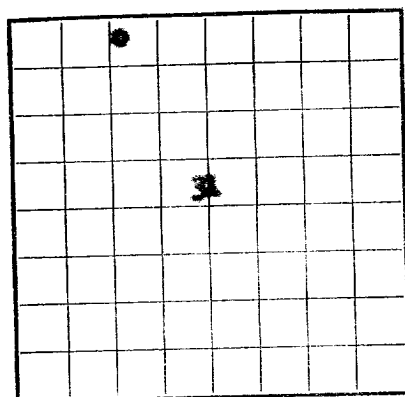


U. S. LAND OFFICE Jicarilla Tribal
SERIAL NUMBER Contract #100
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
AUG 1 1960

LOG OF OIL OR GAS WELL

U. S. GEOLOGICAL SURVEY
WASHINGTON, NEW MEXICOCompany Southern Union Gas Company Address High Fidelity Union Tower Building
Lessor or Tract Jicarilla Field Agua Fria P.C. State New Mexico
Well No. 6-0 Sec. 31 T. 25N R. 3W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. N. of 1 Line and 1650 ft. E. of W Line of Section 31 Elevation 7170 S.L.
(Derrick floor relative to sea level)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.Signed Paul J. CloteTitle Mgr., Drilling & ProductionDate July 27, 1960

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

Commenced drilling June 22, 1960, 19____ Finished drilling July 8, 1960, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3735 to 3768 (G) No. 4, from _____ to _____
No. 2, from 3730 to 3802 (G) No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>9-5/8</u>	<u>30.30</u>	<u>8</u>	<u>8-1/2</u>	<u>110</u>	<u>Ball</u>	<u>Surface</u>			
<u>4-1/2</u>	<u>20.55</u>	<u>8</u>	<u>8-1/2</u>	<u>260</u>	<u>Ball</u>	<u>Surface</u>			
<u>1-1/2</u>	<u>37.18</u>	<u>8</u>	<u>8-1/2</u>	<u>260</u>	<u>Ball</u>	<u>Surface</u>			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8</u>	<u>225</u>	<u>110</u>	<u>Ball</u>		
<u>4-1/2</u>	<u>385</u>	<u>260</u>	<u>Ball</u>		
<u>1-1/2</u>	<u>3718</u>				

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
<u>2-1/2</u>	<u>120</u>	<u>120</u>	<u>120</u>	<u>120</u>	<u>120</u>	<u>120</u>

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 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 12,258 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 914

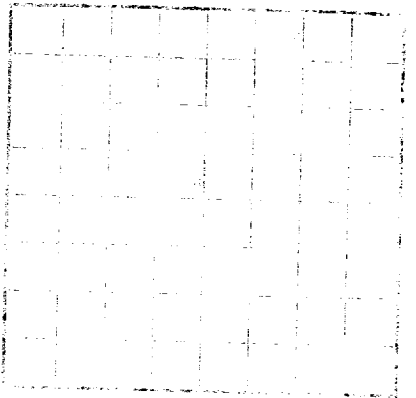
EMPLOYEES

A. S. Humes well servicing, Driller A. S. Williams, Driller
D. E. Wedgworth, Driller Jack Le Blon, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>224</u>	<u>224</u>	<u>Surface</u>
<u>224</u>	<u>1155</u>	<u>931</u>	<u>Shale and bentonite</u>
<u>1155</u>	<u>3869</u>	<u>2714</u>	<u>Sand & shale</u>
			<u>TOPS: 3869' Plastered Cliffs</u>
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company _____
Location _____
State _____
County _____
Section _____
Twp _____
Range _____
The information given herewith is a complete and correct record of the well and all work done thereon.
The information was determined from all available sources.
Signed _____
The company on this page is for the condition of the well as above state.

OIL OR GAS SANDS OF ZONES

(Determine by log)

IMPORTANT WATER SANDS

CRITICAL RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, 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 bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE
10-43094-2

RECORDING AND CRITICAL RECORD

PLUGS AND ADAPTERS

SHOOTING RECORD

TOOLS USED

DATES

EMPLOYEES

FORMATION RECORD

TOTAL FEET

TO

FROM

FORMATION RECORD—Continued

FORMATION