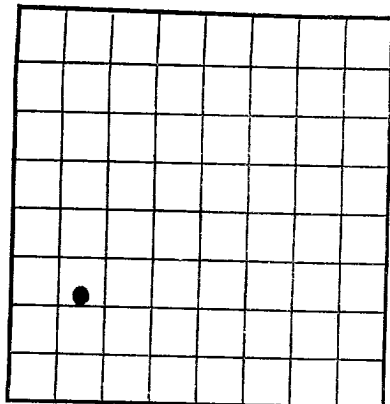




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 070511
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address Dart Bldg., Dallas, Texas
Lessor or Tract Quinn Field Blanco State New Mexico
Well No. 1 Sec. 20 T. 31N R. 8W Meridian N.M.P.M. County San Juan
Location 1650 ft. $\left\{ \begin{smallmatrix} N. \\ S. \end{smallmatrix} \right\}$ of 8 Line and 990 ft. $\left\{ \begin{smallmatrix} E. \\ W. \end{smallmatrix} \right\}$ of W Line of Sec. 20 Elevation 6520 DF
(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 Van ThompsonDate January 12, 1953

Van Thompson

Title Manager Exploration Dept.

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

Commenced drilling October 21, 1952 19____ Finished drilling December 19, 1952 19____OIL OR GAS SANDS OR ZONES Well Completed December 20, 1952

(Denote gas by G)

No. 1, from 5228 to 5901 G No. 4, from _____ to _____
No. 2, from 5225-011 to _____ 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 out	Purpose
9-5/8	36#		H-40	220			Surface Production
5 1/2	15.5		J-55	5267			
2 1/2	4.7#	Tubing	EUE				
			J-55	5896			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	210	125	Halliburton		
5 1/2	5225	225	"		

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
		None				

TOOLS USED

Rotary tools were used from 0 feet to 5225 feet, and from _____ feet to _____ feet
Cable tools were used from 5225 feet to 5901 feet, and from _____ feet to _____ feet

DATES

December 20, 1952 19____ Put to producing Shut in 12/22/52 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 2720 MCF natural Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 10548/6 hr.

EMPLOYEES

H. El Lynn Drlg. Co. - Rotary Driller Jim L. Jones Driller
Well, Inc. - Drilled in Driller Bruce Winters Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	350	350	Surface sand and clay
350	1985	1635	Sand and shale
1985	2225	240	Shale
2225	2475	250	Sand and shale
2475	2563	88	Shale
2563	2643	80	Alamo sand
2643	2880	137	Sand and shale
2880	2966	86	Shale
2966	3076	110	Shale and shale
2966	3076	110	Sand and coal
3076	3195	119	Sand and shale
3195	3313	118	Shale
3313	3466	133	Sand, shale and coal
3466	3698	232	Shale
3698	3860	162	Sand and shale
3860	3926	66	Shale
3926	3987	61	Sand
3987	5056	1069	Shale
5056	5140	84	Sand and shale
5140	5160	20	Shale
5160	5210	50	Sand and shale
5210	5225	15	Shale
5225	5901	676	Sand

Geological Tops
Top Pictured Cliffs 3380
Cliff House 5228 Estimated
Point Lookout 5622 "

A circular ink stamp with the word "RECEIVED" in large, bold, capital letters at the top. Below it, in smaller capital letters, is "U.S. DEPARTMENT OF JUSTICE". At the bottom of the circle, the date "JUN 10 1962" is stamped. The stamp is slightly tilted and has a textured, ink-like appearance.

U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD—Continued