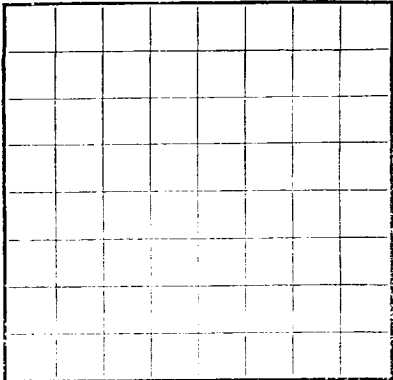


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078951
LEASE OR PERMIT TO PROSPECT Masaverde



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company D. H. Bolin Address 1120 Oil & Gas Bldg., Wichita Falls, Tex.
Lessor or Tract Willie G. Hodges Field Blanco State New Mexico
Well No. 1 Sec. 5 T29N R. 7W Meridian N. M. P. M. County Rio Arriba
Location 290 ft. N. of S. Line and 990 ft. E. of W. Line of SW/4 SW/4 sec. Elevation 6112
(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 C. W. Bolin

Date April 6, 1953 Title Drilling Superintendent

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

Commenced drilling December 8, 1952 Finished drilling April 3, 1953

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

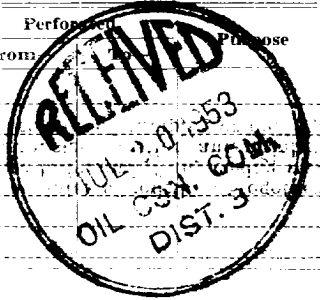
No. 1, from 4500 to 5327 G No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 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	Perforations
10-3/4"	32.75	8	J	Cmt. to top (130')	None		
7"	23	8	J	763'	Guide		
7"	22	10		577.68'	None		
7"	20	8		3205.92'	None		



MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	130'	150	Displacement	8.3	
7"	4500'	300	Plug	10.0	

FOLD MARK

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
		Nitro	1335 Qts.	4/3/53	5240'	5240'

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

May 7, 1953 Put to producing May 5, 1953
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 2,130 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1046 • Shut in

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
163	1040	877	Sand and shale
1040	1249	209	Sand, shells and shale
1249	2300	1051	Sand & shale
2300	2376	76	Shale and lime
2376	2451	75	Sand and shale
2451	2557	106	Shale
2557	2727	170	Sand and shale
2727	2910	183	Sand, coal, and shale
2910	3768	858	Sand and shale
3768	3814	46	Shale and sand
3814	3834	20	Shale
3834	3981	147	Sand and shale
3981	4010	29	Sand
4010	4080	70	Sand and shale
4080	4093	13	Sand
4093	4298	205	Sand and shale
4298	4319	21	Sand
4319	4380	61	Sand, boulders, and shale
4380	4425	45	Shale and sand
4425	4454	29	Hard sand and shale
4454	4500	46	Sand and shale
4500	5327	827	Sand
		5327	Total depth

FORMATION RECORD—Continued

[illegible]

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 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.

