

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078120
LEASE OR PERMIT TO PROSPECT LeaseUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company H. K. Riddle and Rip C. Underwood Address 213 First National Bank Bldg., Amarillo,
Lessor or Tract Elliott Field Blanco-Mesaverde State New Mexico TexasWell No. 1 Sec. 19 T. 31N R. 11W Meridian NMP County San JuanLocation 1,560 ft. N. of S. Line and 1,73 ft. E. of W. Line of Sec. 19 Elevation 5,975
(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 Rip C. UnderwoodDate May 28, 1954 Title Partner

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

Commenced drilling January 31, 1953 Finished drilling May 20, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4765 to 4920 (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	Perforated		Purpose
							From—	To—	
10-3/4	32.75			182					
7									
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	182	130	Halliburton		
7"	4,752	200	"		

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

TOOLS USED

Rotary tools were used from 0 feet to 4,940 feet, and from _____ feet to _____ feet

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

DATES

May 23, 1954 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 919 MCF Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1074 SICP

EMPLOYEES

Thomas V. Gardner, Driller 0-182 _____, DrillerClaude M. Carroll, Driller 182-4940 _____, Driller

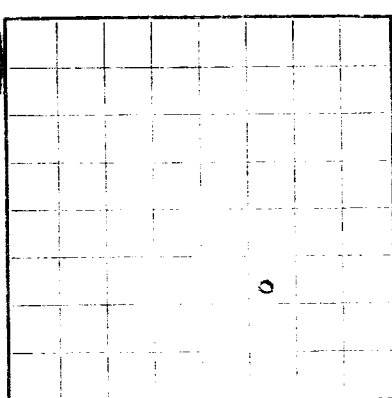
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	182	182	Sand & Shale
182	240	58	" "
240	1657	1417	" "
1657	2702	1045	" "
2702	3467	765	" "
3467	3865	398	" "
3865	4085	220	" "
4085	4280	195	" "
4280	4540	260	" "
4540	4745	205	" "
4745	4752	7	" " <u>Top of Cliffhouse 4750'</u>
4752	4940 TD	188	" " (Drilled with gas)

Well tested approximately 200 MCF before Sandoil Treatment. Set 7" Baker Retainer at 4712' and fractured formation by Halliburton Sandoil Method, using 15,625 gallons of oil and 5,700# Sand. Set 2" Upset Tubing at 4382' and well was then shut in awaiting Pipe Line connection.

Schlumberger Electrical Log enclosed

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Company Name, Address, Telephone, Location, Date, 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.

The summary on this page is for the condition of the well at above date
Commenced drilling, finished drilling, 24

OIL OR GAS SANDS OR ZONES

No. 1 from 1725 to 1925
No. 2 from 1925 to 1925
No. 3 from 1925 to 1925

IMPORTANT WATER SANDS

No. 1 from 1925 to 1925
No. 2 from 1925 to 1925

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
							From To	

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, 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

MUDGING AND CEMENTING RECORD				SHOOTING RECORD				TOOLS USED				DATES				EMPLOYEES				FORMATION RECORD						
Size	Weight	Threads	Make	Explosive used	Quantity	Date	Depth shot	Depth cleaned out	Size	Weight	Threads	Make	Explosive used	Quantity	Date	Depth shot	Depth cleaned out	Size	Weight	Threads	Make	Explosive used	Quantity	Date	Depth shot	Depth cleaned out