

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Astec Oil & Gas Company** Address **Burt Bldg., Dallas 1, Texas**
Lessor or Tract **Hale** Field **Blanco** State **New Mexico**
Well No. **4** Sec. **34** T. **31N** R. **8W** Meridian **N.M.P.M.** County **San Juan**
Location **2055** ft. **N.** of **N** Line and **405** ft. **E.** of **E** Line of **Sec. 34** Elevation **6221'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.

Date **October 9, 1953** Signed **Van Thompson**
Van Thompson, Vice President and
Manager Exploration

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

Commenced drilling **July 26, 1953**, 19... Finished drilling **September 25, 1953**, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4960 G** to **5510** 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—	
9-5/8	36		J-55	217					Surface Production
7"	20#		"	4952					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	228	125			
7"	4921	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
		Nitro glycerine	1520 Q	9/25	5611-4998	5611'

TOOLS USED

Rotary tools were used from **0** feet to **4925** feet, and from _____ feet to _____ feet
Cable tools were used from **4925** feet to **5611** feet, and from _____ feet to _____ feet

DATES

September 25, 1953, 19... Put to producing _____, 19...

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment.

If gas well, cu. ft. per 24 hours **6154.2 MCF/** Gravity, °Bé. _____
3 hr flowing time

Rock pressure, lbs. per sq. in. **1104#, SI 120 days hours**

EMPLOYEES

Star-State Drilling Co., Inc., Driller **Drilling contractor on rotary work**, Driller
Southern Union Gas Company, Driller **Contractor on drilling in work**, Driller

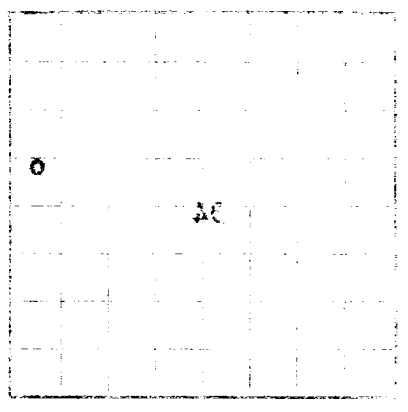
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1808	1808	Shale shells
1808	1972	164	Alamo Sand
1972	2730	658	Sand and shale
2730	2920	90	Sand, shale and coal
2920	3200	180	Sand
3200	3820	420	Sand and shale
3820	3879	59	Shale
3879	4052	173	Sand and shale
4052	4801	749	Shale
4801	4823	22	Sand and shale
4823	4840	17	Shale
4840	4847	7	Sand and shale
4847	4925	78	Shale
4925	4950	25	Sand
4950	4960	10	Wet shale
4960	4995	35	Sand
4995	5135	140	Sand and shale
5135	5325	190	Sand, shale and coal
5325	5500	175	Sand
5500	5560	60	Sand and shale
5560	5611	51	Hard sand
			Top Cliff House 4960
			" Lewis Menches 5135
			" Point Lookout 5332
			" Manes 5510

[OVER]

UNITED STATES
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LOG OF OIL OR GAS WELL



Company: Atter Oil & Gas Company
 Location: Section 34, T. 31 N., R. 30 W., M. 11 N., of the 11th Line and 11th Range of the
San Juan County, New Mexico State, Blanco Field

The information given herewith is a complete and correct record of the well and all work done thereon to the date as can be determined from all available records.
 Date: October 2, 1923
 Signed: W. H. Thompson, Vice President and
John H. Thompson, Treasurer

The summary on this page is for the condition of the well at above date.
 Commenced drilling: July 26, 1923
 Finished drilling: September 25, 1923

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

No. 1 from	to	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. 8 from	to
No. 2 from	to	No. 4 from	to

CASING RECORD

Size casing	Depth per foot	Weight per foot	Material	Joint or seam	Kind of joint	Cut and pulled from	Purposes
2 1/2"	36	1-32	Steel	17	17		Production

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 (date, position, and number of joints) 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

Depth	Weight	Material	Method used	Mud gravity	Remarks
0-10	32	Steel			
10-20	32	Steel			

PLUGS AND ADAPTERS

Depth	Size	Material	Remarks

SHOOTING RECORD

Depth	Explosive used	Quantity	Remarks

TOOLS USED
 Rotary tools were used from 0 feet to 4225 feet, and from 4225 feet to 4225 feet.
 Cable tools were used from 0 feet to 3511 feet, and from 3511 feet to 4225 feet.

RATES
 The production for the first 24 hours was 10 barrels of fluid of which 2 was oil; 10 barrels of water; and 2 of sediment.
 It gas well, with per 24 hours 615 cubic feet of gas, 1000 cubic feet of gas, and 1000 cubic feet of gas.
 Best production for per 24 hours 1100, 21 barrels of gas, 1000 cubic feet of gas, and 1000 cubic feet of gas.

EMPLOYEES
 Southern California Gas Company - John H. Thompson on drilling in work.
 Standard Oil Company, Inc. - John H. Thompson on casing work.

FORMATION RECORD

FORMATION	TOTAL FEET	TO	FROM
Hard rock	11	0	11
Shale and shale	60	11	71
Shale	107	71	178
Shale and shale	150	178	328
Shale	170	328	498
Shale and shale	200	498	698
Shale	210	698	908
Shale and shale	220	908	1128
Shale	230	1128	1358
Shale and shale	240	1358	1598
Shale	250	1598	1848
Shale and shale	260	1848	2108
Shale	270	2108	2378
Shale and shale	280	2378	2648
Shale	290	2648	2918
Shale and shale	300	2918	3188
Shale	310	3188	3458
Shale and shale	320	3458	3728
Shale	330	3728	4000