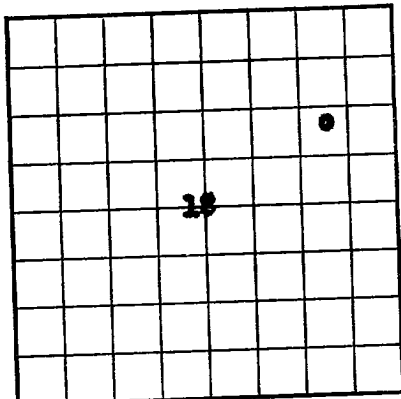


Form 9-830

U. S. LAND OFFICE
SERIAL NUMBER **078215 "A"**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

* Company **Astee Oil & Gas Company** Address **Burt Bldg., Dallas 1, Texas**
Lessor or Tract **Vanderliden** Field **Blanco** State **New Mexico**
Well No. **2** Sec. **18** T. **32N** R. **10W** Meridian **N.M.P.M.** County **San Juan**
Location **1575 ft. (S.) of N. Line and 875 ft. (W.) of E. Line of Section 18** Elevation **6227**
(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 Thompson**
Title **Manager of Exploration**

Date **March 16, 1953**

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

Commenced drilling **August 19, 1952**, 19____ Finished drilling **February 22, 1953**, 19____

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

No. 1, from **4832 0** to **5512** 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 _____
No. 2, from _____ to _____ No. 4, from _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From	To	Purpose
10-3/4	40.5#		J-55	152					Surface
10-3/4	40.5#		J-40	88					Production
5 1/2	25.5#	Jap.	J-55	4820#					
2-3/4	4.7#	Tubing	J-55	5790'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	218	125	Halliburton		
5 1/2	4798'	225	"		
2"	5322 tubing				

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	1500 0	2/21/53	5524-4892	Total depth of 5524'

TOOLS USED

Rotary tools were used from **0** feet to **4798** feet, and from _____ feet to _____ feet
Cable tools were used from **4798** feet to **5522** feet, and from _____ feet to _____ feet

DATES

February 22, 19**53** 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 **2026 MCF/6 hr.** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1030# SI 1 week**

EMPLOYEES

Cardner Bros. Drilling Co., Driller **Rotary contractor**, Driller
M. B. Cronley, Driller **H. H. McDonald**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	246	246	Shale, & sand breaks
246	3465	3219	Shale and sand
3465	3540	85	Shale
3450	3660	120	Sand and shale
3660	3735	75	Shale
3735	3790	55	Sand and shale
3790	3990	200	Shale
3990	4028	38	Sandy shale
4028	4150	122	Shale
4150	4203	53	Sand and shale
4203	4798	495	Sand and shale
4798	4810	12	Sand
4810	4930	20	Sand and shale
4930	4870	40	Sand
4870	4915	40	Sand and shale
4915	4950	35	Sand
4950	4975	25	Coal, shale and sand
4975	5145	170	Sand and shale
5145	5235	60	Coal, shale and sand
5235	5275	40	Sand
5275	5355	80	Sand and shale
5255	5410	55	Sand
5410	5524	114	Sand and shale

Top Pictured Cliffs 3010-sample
* Cliff House 4832
Point Lookout 5290

*Notice of Intention to drill filed in name of Southern Union Gas Company. Southern Union transferred this lease to Astee Oil & Gas Company effective 8/1/52.

U. S. GOVERNMENT PRINTING OFFICE 16-43094-1

HISTORY OF OIL OR GAS WELL

FORMATION RECORD—Continued