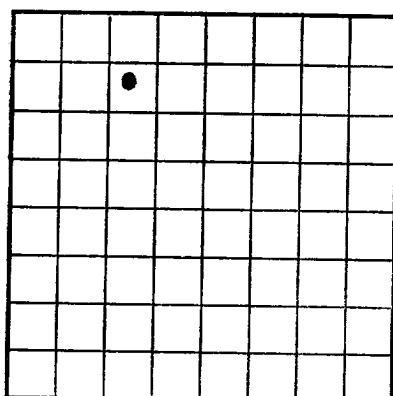


U. S. LAND OFFICE _____

SERIAL NUMBER **070115**

LEASE OR PERMIT TO PROSPECT



LOG OF OIL OR GAS WELL

Company Astec Oil and Gas Company Address 1104 Burt Building, Dallas, Texas
Lessor or Tract A. S. Grenier Field Blanco La Plata State New Mexico
Well No. 5 Sec. 13 T. 31-N R. 12-W Meridian N.M.P.M. County San Juan
Location 990 ft. W of N Line and 1650 ft. E of N Line of Section 13 Elevation 6202' DT

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 Paul Thompson

Date May 20, 1952 Title Mex. Exploration Department

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

Commenced drilling February 21, 1952 Finished drilling April 4, 1952

~~OTHER~~ GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4280 to 4400 No. 4, from _____ to _____
 No. 2, from 5018 to 5319 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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	40.5		K-40	122'	Baker				Surface
2 1/8	10.5								Log
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	185	100	Halliburton		
7"	4350	150	Halliburton		

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	1880gts	4-2	4401-5319	5319
Well tested 198 MCF before shot						

TOOLS USED

Rotary tools were used from 0 feet to 5745 feet, and from _____ feet to _____ feet

Cable tools were used from 5745 feet to 5719 feet, and from _____ feet to _____ feet

1 DATES

April 5	1952	Put to producing	19
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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 **814 MCF** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 9684 - 6 hrs.

EMPLOYEES

Gardner Bros. Drillers, Rotary Driller	Contract	Driller
J. F. Smith	Driller	M. J. Cronley
		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	300	300	Surface sand
300	3825	3525	Sand & Shale
3825	3885	60	Shale
3885	4108	223	Sand & Shale
4108	4159	51	Shale
4159	4345	186	Sand & Shale
4345	4435	90	Sand
4435	4440	5	Sand & Shale
4440	4550	110	Sand
4550	4570	20	Sand, shale & shells
4570	4595	25	Shale
4595	5065	470	Sand & shale
5065	5301	236	Sand
5301	5319 (TD)	18	Sand & shale
Geological Tops			
Pictured Cliffs	2746'		
Cliff House	4280'		
Point Lookout	5018'		

