

A 10x10 grid with a small black dot in the top right corner.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____
SF - 077651

GEOLOGICAL SURVEY

JUL 31 1959

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Astec Oil and Gas Company Address Box # 736, Farmington, N. Mexico
Lessor or Tract Richardson #5 Field Blanco-Masaverte State New Mexico
Well No. 5 Sec. 21 T. 31N R. 12W Meridian N.M.P.M. County San Juan
Location 1850 ft. N of N Line and 1660 ft. W of E Line of Section 21 Elevation 6115
(Derive foot 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 _____
ORIGINAL SIGNED BY JOE C. SALMON

Date July 30, 1959 Title District Superintendent

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

Commenced drilling 6/15/52, 1952 Finished drilling 7/1/52, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

OIL OR GAS SANDS OR ZONES			
(Denote gas by G)			
No. 1, from 4876	to 4883 (G)	No. 5 from 5040	to 5046 ()
No. 2, from 4893	to 4906 (G)	No. 6 from 5070	to 5087 ()
No. 3, from 4952	to 4961 (G)	No. 7 from 5118	to 5124 ()
No. 4 from 4973	to 4990 (G)	No. 8 from 5130	to 5136 ()
		No. 9 from 5148	to 5155 ()

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—	
2-3/8	4.7	19	11122	100	OK	OK	OK	OK	OK

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	1631	135	displace out		
7	5186	95	two plug		
2 3/8	5216	—			

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
Sand-water fracer, with 1600 lbs. water and 100,000 sand and 129 rubber ball ers. Breakdown pressure 800#, Treating pressure 700#, I.R. 51 bpm.						

TOOLS USED

Rotary tools were used from 0 feet to 5136 feet, and from _____ feet to _____ feet.

Cable tools were used from 0 feet to 5159 feet, and from _____ feet to _____ feet.

DATES

	Put to producing <u>July 30</u> , 19 <u>52</u>
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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 107 - 2510 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1015

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	165	165	Surface
165	287	122	Shale
287	1175	888	Shale and Sand
1175	1473	298	Shale and Sand
1473	2118	645	Shale
2118	2707	589	Shale and Sand
2707	3513	1111	Shale
3513	3966	148	Shale
3966	4136	170	Sand and Shale
4136	4303	167	Shale
4303	4528	225	Shale
4528	4775	247	Shale
4775	4921	146	Sand and Shale
4921	4997	76	Sand and Shale
4997	5130	133	Sand and Shale
5130	5130	0	Sand and Shale
			Top of Formation
			Flowered 1116m 2513

LOKVALION BECOB

