

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

A 10x10 grid with a small circle in the bottom right corner.

LOG OF OIL OR GAS WELL

Company Astec Oil and Gas Company Address Box # 736, Farmington, New Mexico
Lessor or Tract Arizona-Acariilla Field So. Blanco-Pictured Cliffs
Well No. 7 Sec. 26 T. 25N R. 4W Meridian N.M.P.M. County Rio Arriba
Location 1450 ft. N. of 5 Line and 1650 ft. W. of 4 Line of Section 26 Elevation 7100
(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.

ORIGINAL SIGNED BY JOE C. SALMON

Date November 11, 1959 Title Joe C. Salmon District Superintendent

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

Commenced drilling 9/25/52, 1952 Finished drilling 10/5/52, 1952

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

No. 1, from 3436 to 3470 (2) 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. 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—	
3 5/8	11.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
4 1/2	12.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
5 1/2	13.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
6 1/2	14.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
7 1/2	15.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
8 1/2	16.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
9 1/2	17.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
10 1/2	18.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
11 1/2	19.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
12 1/2	20.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
13 1/2	21.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
14 1/2	22.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
15 1/2	23.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
16 1/2	24.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
17 1/2	25.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
18 1/2	26.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
19 1/2	27.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
20 1/2	28.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
21 1/2	29.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
22 1/2	30.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
23 1/2	31.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
24 1/2	32.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
25 1/2	33.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
26 1/2	34.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
27 1/2	35.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
28 1/2	36.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
29 1/2	37.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
30 1/2	38.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
31 1/2	39.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
32 1/2	40.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
33 1/2	41.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
34 1/2	42.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
35 1/2	43.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
36 1/2	44.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
37 1/2	45.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
38 1/2	46.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
39 1/2	47.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
40 1/2	48.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
41 1/2	49.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
42 1/2	50.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
43 1/2	51.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
44 1/2	52.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
45 1/2	53.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
46 1/2	54.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
47 1/2	55.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
48 1/2	56.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
49 1/2	57.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
50 1/2	58.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
51 1/2	59.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
52 1/2	60.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
53 1/2	61.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
54 1/2	62.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
55 1/2	63.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
56 1/2	64.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
57 1/2	65.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
58 1/2	66.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
59 1/2	67.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
60 1/2	68.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
61 1/2	69.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
62 1/2	70.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
63 1/2	71.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
64 1/2	72.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
65 1/2	73.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
66 1/2	74.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
67 1/2	75.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
68 1/2	76.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
69 1/2	77.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
70 1/2	78.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
71 1/2	79.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
72 1/2	80.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
73 1/2	81.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
74 1/2	82.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
75 1/2	83.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
76 1/2	84.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
77 1/2	85.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
78 1/2	86.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
79 1/2	87.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
80 1/2	88.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
81 1/2	89.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
82 1/2	90.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
83 1/2	91.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
84 1/2	92.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
85 1/2	93.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
86 1/2	94.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
87 1/2	95.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
88 1/2	96.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
89 1/2	97.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
90 1/2	98.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
91 1/2	99.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
92 1/2	100.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
93 1/2	101.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
94 1/2	102.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
95 1/2	103.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
96 1/2	104.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
97 1/2	105.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
98 1/2	106.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
99 1/2	107.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
100 1/2	108.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
101 1/2	109.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
102 1/2	110.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
103 1/2	111.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
104 1/2	112.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
105 1/2	113.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
106 1/2	114.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
107 1/2	115.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
108 1/2	116.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
109 1/2	117.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
110 1/2	118.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
111 1/2	119.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
112 1/2	120.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
113 1/2	121.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
114 1/2	122.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
115 1/2	123.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
116 1/2	124.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
117 1/2	125.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
118 1/2	126.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
119 1/2	127.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
120 1/2	128.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
121 1/2	129.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
122 1/2	130.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
123 1/2	131.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
124 1/2	132.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
125 1/2	133.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
126 1/2	134.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
127 1/2	135.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
128 1/2	136.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
129 1/2	137.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
130 1/2	138.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
131 1/2	139.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
132 1/2	140.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
133 1/2	141.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
134 1/2	142.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
135 1/2	143.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
136 1/2	144.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
137 1/2	145.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
138 1/2	146.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
139 1/2	147.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
140 1/2	148.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
141 1/2	149.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
142 1/2	150.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
143 1/2	151.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
144 1/2	152.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
145 1/2	153.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
146 1/2	154.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
147 1/2	155.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
148 1/2	156.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
149 1/2	157.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
150 1/2	158.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
151 1/2	159.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
152 1/2	160.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
153 1/2	161.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
154 1/2	162.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
155 1/2	163.5	8	3	100	Kind of shoe	cut and pulled from	Perforated	Purpose	
156 1/2	164.5	8	3	100	Kind of shoe	cut and pulled from	Perforated		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3-5/8	153 ft.	100	displacement		
4-1/2	3139	100	two-plug		
2-3/8	3142	—			

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 fraced with 42,125 gallons water and 60,000# sand. Breakdown pressure-3						
Treating pressure - 1300#, Flow pressure - 800#, I.R. - 30.2 bpa						

TOOLS USED

Rotary tools were used from 0 feet to 1195 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

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 -----
Rock pressure, lbs. per sq. in. -----

Gallons gasoline per 1,000 cu. ft. of gas -----

ACT 3594
863

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	155	155	Surface
155	1048	893	Shale
1048	1590	542	Sand and Shale
1590	2012	422	Shale
2012	2259	247	Sand and Shale
2259	2441	182	Shale
2441	2620	179	Shale and Sand
2620	3122	502	Shale and Sand
3122	3210	88	Shale and Sand
3210	3285	75	Shale and Sand
3285	3460	175	Shale and Sand
3460	3500	40	Shale and Sand

Company _____

Lessor or Tract _____

Well No. _____

Location _____

Section _____ Township _____ Range _____

County _____ State _____

Address _____

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.

ORIGINAL SIGNED BY JOE C. SALMON

Signed _____

Date _____

The summary on this page is for the condition of the well as above stated.

Commenced drilling _____

Finished drilling _____

COLOR OR GAS SANDS OR ZONES

(Color as on log)

No. 1 from _____ to _____

No. 2 from _____ to _____

No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____

No. 2 from _____ to _____

CASING RECORD

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, size, 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.

Log _____

Depth _____

Remarks _____

HISTORY OF OIL OR GAS WELL			
FROM	TO	TOTAL FEET	FORMATION
FORMATION RECORD			
EMPLOYEES			
ROCK PRESSURE, lbs. per sq. in.			
It gas well, gas ft. per 24 hours _____			
emulsion, _____% water and _____% cement.			
The production for the first 24 hours was _____			
BUT to production _____			
Gallons gasoline per 1,000 cu. ft. of gas _____			
Gravity, _____			
Barrels of fluid of which _____% was oil _____			
DATES			
TOOLS USED			
SHOOTING RECORD			
PLUGS AND BRIDGES			
REPAIRING AND CEMENTING RECORD			