

U. S. LAND OFFICE Indian Agency
SERIAL NUMBER Police
LEASE OR PERMIT TO PROSPECT _____
Contract # 125

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Astec Oil and Gas Company Address Box A 794, Farmington
Lessor or Tract Arizona-Jicerilla Field No. Blanco-Pictured Cliffs State New Mexico
Well No. 5 Sec. 25 T. 25N R. 4W Meridian N.M.P.M. County Sandoval
Location 990 ft. N. of S. Line and 990 ft. W. of E. Line of Section 25 Elevation 7210
(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.

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Signed ORIGINAL SIGNED BY JOE C. SALMON
Joe C. Salmon

Date September 10, 1959 Title District Superintendent

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

Commenced drilling 1/24/59, 1959 Finished drilling 2/3/59, 1959

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

No. 1, from ~~3602~~ to ~~3636~~ 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 _____

U.S. CON. COM.
DIST. 3

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
0-5-0	1.7	10 to	J-55	355	HISTOLOGY 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
3 5/8	168'	100			
4 1/2	3600'	75	displacement		
2	3661'	—	two-plug		

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 faced with 75,000 sand and 1150 bbls. water and 90 rubber ball sealers Break down pressure - 900, resting pressure 1200, final pressure - 300, I.R. - 29						

TOOLS USED

Rotary tools were used from 0 feet to 3705 feet, and from 0 feet to 0 feet.

Cable tools were used from 0 feet to 3644 feet, and from 0 feet to 0 feet.

The production for the first 24 hours was ----- barrels of fluid of which ^{11.5/100} % was oil; ----- % solution; ----- % water; and ----- % sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	160	160	Shale & Clay
160	302	142	Shale & Clay
302	672	370	Shale
672	1296	624	Shale & Sand
1296	1960	664	Shale & Sand
1960	2167	507	Shale & Sand
2167	2535	368	Shale
2535	2765	230	Shale
2765	2905	140	Shale & Sand
2905	3282	377	Shale & Sand
3282	3529	247	Shale & Sand
3529	3705	176	Shale & Sand
3705	4077	372	Shale & Sand
4077	4500	423	Shale & Sand
4500	4600	100	Shale & Sand
4600	4700	100	Shale & Sand
4700	4800	100	Shale & Sand
4800	4900	100	Shale & Sand
4900	5000	100	Shale & Sand
5000	5100	100	Shale & Sand
5100	5200	100	Shale & Sand
5200	5300	100	Shale & Sand
5300	5400	100	Shale & Sand
5400	5500	100	Shale & Sand
5500	5600	100	Shale & Sand
5600	5700	100	Shale & Sand
5700	5800	100	Shale & Sand
5800	5900	100	Shale & Sand
5900	6000	100	Shale & Sand
6000	6100	100	Shale & Sand
6100	6200	100	Shale & Sand
6200	6300	100	Shale & Sand
6300	6400	100	Shale & Sand
6400	6500	100	Shale & Sand
6500	6600	100	Shale & Sand
6600	6700	100	Shale & Sand
6700	6800	100	Shale & Sand
6800	6900	100	Shale & Sand
6900	7000	100	Shale & Sand
7000	7100	100	Shale & Sand
7100	7200	100	Shale & Sand
7200	7300	100	Shale & Sand
7300	7400	100	Shale & Sand
7400	7500	100	Shale & Sand
7500	7600	100	Shale & Sand
7600	7700	100	Shale & Sand
7700	7800	100	Shale & Sand
7800	7900	100	Shale & Sand
7900	8000	100	Shale & Sand
8000	8100	100	Shale & Sand
8100	8200	100	Shale & Sand
8200	8300	100	Shale & Sand
8300	8400	100	Shale & Sand
8400	8500	100	Shale & Sand
8500	8600	100	Shale & Sand
8600	8700	100	Shale & Sand
8700	8800	100	Shale & Sand
8800	8900	100	Shale & Sand
8900	9000	100	Shale & Sand
9000	9100	100	Shale & Sand
9100	9200	100	Shale & Sand
9200	9300	100	Shale & Sand
9300	9400	100	Shale & Sand
9400	9500	100	Shale & Sand
9500	9600	100	Shale & Sand
9600	9700	100	Shale & Sand
9700	9800	100	Shale & Sand
9800	9900	100	Shale & Sand
9900	10000	100	Shale & Sand

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A blank sheet of white graph paper with a light gray grid pattern. The grid consists of small squares, approximately 1 cm by 1 cm. There are about 20 columns and 15 rows visible. A faint vertical margin line is present on the left side, and a horizontal margin line is at the top. The paper appears slightly aged or off-white.

LOCATE WELL CORRECTLY

Completed drilling _____ 19____
 The summary on this page is for the condition of the well as above date _____
 Date _____
 Signed _____
 as far as can be determined from all available records.
 The information given herewith is a complete and correct record of the well and all work done thereon
 Location _____ ft. of _____ ft. of _____
 Sec. _____ T. _____ R. _____ N. _____ E. _____
 County _____ State _____
 Address _____
 Company _____

(U) (S) (C)

[illegible]

CASING RECORD

Well No.	Location	Depth	Kind of Spore	Remarks	Remarks
1	...	...	...	...	...
2	...	...	...	...	...
3	...	...	...	...	...
4	...	...	...	...	...
5	...	...	...	...	...
6	...	...	...	...	...
7	...	...	...	...	...
8	...	...	...	...	...
9	...	...	...	...	...
10	...	...	...	...	...
11	...	...	...	...	...
12	...	...	...	...	...
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14	...	...	...	...	...
15	...	...	...	...	...
16	...	...	...	...	...
17	...	...	...	...	...
18	...	...	...	...	...
19	...	...	...	...	...
20	...	...	...	...	...
21	...	...	...	...	...
22	...	...	...	...	...
23	...	...	...	...	...
24	...	...	...	...	...
25	...	...	...	...	...
26	...	...	...	...	...
27	...	...	...	...	...
28	...	...	...	...	...
29	...	...	...	...	...
30	...	...	...	...	...
31	...	...	...	...	...
32	...	...	...	...	...
33	...	...	...	...	...
34	...	...	...	...	...
35	...	...	...	...	...
36	...	...	...	...	...
37	...	...	...	...	...
38	...	...	...	...	...
39	...	...	...	...	...
40	...	...	...	...	...
41	...	...	...	...	...
42	...	...	...	...	...
43	...	...	...	...	...
44	...	...	...	...	...
45	...	...	...	...	...
46	...	...	...	...	...
47	...	...	...	...	...
48	...	...	...	...	...
49	...	...	...	...	...
50	...	...	...	...	...
51	...	...	...	...	...
52	...	...	...	...	...
53	...	...	...	...	...
54	...	...	...	...	...
55	...	...	...	...	...
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63	...	...	...	...	...
64	...	...	...	...	...
65	...	...	...	...	...
66	...	...	...	...	...
67	...	...	...	...	...
68	...	...	...	...	...
69	...	...	...	...	...
70	...	...	...	...	...
71	...	...	...	...	...
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73	...	...	...	...	...
74	...	...	...	...	...
75	...	...	...	...	...
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77	...	...	...	...	...
78	...	...	...	...	...
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83	...	...	...	...	...
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85	...	...	...	...	...
86	...	...	...	...	...
87	...	...	...	...	...
88	...	...	...	...	...
89	...	...	...	...	...
90	...	...	...		

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 5-53075-01

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