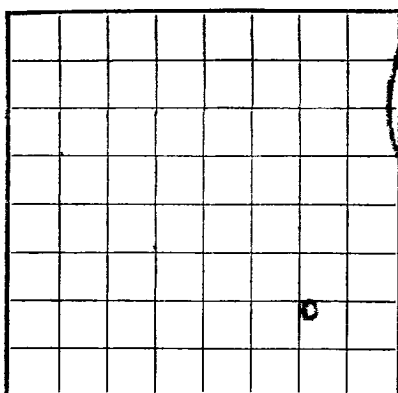
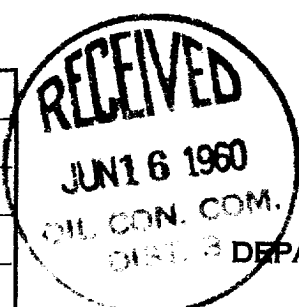




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **SF - 077651**
LEASE OR PERMIT TO PROSPECT **Richardson**UNITED STATES **RECEIVED**
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY **JUN 15 1960**U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C. 20508

LOG OF OIL OR GAS WELL

Company **Artec Oil & Gas Company** Address **Box # 706, Farmington, New Mexico**
Lessor or Tract **Richardson** Field **Blanco Mesaverte/Wildcat Dakota** State **New Mexico**
Well No. **6** Sec. **22** T. **31N** R. **12W** Meridian **N.M.P.M.** County **San Juan**
Location **1650** ft. **N** of **8** Line and **990** ft. **E** of **E** Line of **Section 22** Elevation **6157** G.L.
(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 **ORIGINAL SIGNED BY JOE C. SALMON** **J. C. Salmon**Date **June 7, 1960**Title **District Superintendent**

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

Commenced drilling **4/16/60**, 19____ Finished drilling **5/14/60**, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **7228** to **7236** **(G)** No. 4, from **7064** to **7074** **(G)**
No. 2, from **7190** to **7217** **(G)** No. 5, from **4932** to **5000** **(G)**
No. 3, from **7136** to **7251** **(G)** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, 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	309	8	J-55	200	displacement				
7	7293	600	two plug						
2 3/8	7141								
2 3/8	4800								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	309	200	displacement		
7	7293	600	two plug		
2 3/8	7141				
2 3/8	4800				

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 Dakota with 80,000# sand and 1800 Hbls. water. Breakdown - 1600 - 1200#
Treating pressure-1700-1800#, I.R. 80.6 bpm. Sand-water fraced Mesaverte with 60,000#
sand and 1090 Hbls. water. Breakdown pressure-1800#, Treating pressure-1300#, shut-in pr.
300#, I.R. - 84 bpm.

TOOLS USED

Rotary tools were used from **0** feet to **7295** feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **7242** feet, and from _____ feet to _____ feet

DATES

5/23/60, 19____ 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 **ACF-2184 Dakota, ACF-3772 Mesaverte** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1933 - Dakota, and 1043 - Mesaverte**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	313	313	Surface
313	873	560	Sand and Shale
873	1208	335	Shale
1208	1483	275	Sand
1483	1766	283	Shale
1766	2122	356	Sand & Shale
2122	2909	787	Sand & Shale
2909	3528	619	Sand & Shale
3528	3779	251	Shale
3779	3917	138	Sand & Shale
3917	4050	133	Sand & Shale
4050	4172	122	Sand & Shale
4172	4312	140	Sand
4312	4406	94	Sand
4406	4592	186	Shale
4592	4986	394	Shale
4986	5053	67	Shale
5053	5201	148	Shale
5201	5523	322	Shale
5523	5766	243	Shale
5766	6203	437	Shale
6203	6576	373	Shale
6576	6944	368	Shale
6944	7018	74	Shale
7018	7282	264	Sand and Shale
7282	7295	13	Sand

TOPS OF FORMATIONS: **OKWAVION RECORD—continued****Graneros- 7063**
Dakota - 7135

 U.S. LAND OFFICE
 SERIAL NUMBER
 LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

The information given herewith is a complete and correct record of the well and all wells done thereon
 as far as can be determined from all available records.

ORIGINAL SIGNED BY JOEL C. SALMON

Signed _____

Location _____ Sec. _____ T. _____ R. _____ of _____ line of _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____

Lesser or Third _____

Company _____

Address _____

Field _____ State _____

County _____

_____ Date
The summary on this page is for the condition of the well at above date.
_____ 19_____
Commenced drilling _____
Finished drilling _____
_____ 19_____

OIL OR GAS SANDS OR ZONES

No. 1, from	to	No. 1, from	to
No. 2, from	to	No. 2, from	to
No. 3, from	to	No. 3, from	to
No. 4, from	to	No. 4, from	to
No. 5, from	to	No. 5, from	to
No. 6, from	to	No. 6, from	to

IMPORTANT WATER SANDS

.....	ot		from 1.0%
.....	from 8.0%		ot
.....	from 1.0%		from 1.0%
.....	ot		from 1.0%

CRASHING RECORD

Case No.	Location	Depth	Direction	Remarks
1	...	...	...	...
2	...	...	...	...
3	...	...	...	...
4	...	...	...	...
5	...	...	...	...
6	...	...	...	...
7	...	...	...	...
8	...	...	...	...
9	...	...	...	...
10	...	...	...	...
11	...	...	...	...
12	...	...	...	...
13	...	...	...	...
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	...	...	...	...
56	...	...	...	...
57	...	...	...	...
58	...	...	...	...
59	...	...	...	...
60	...	...	...	...
61	...	...	...	...
62	...	...	...	...
63	...	...	...	...
64	...	...	...	...
65	...	...	...	...
66	...	...	...	...
67	...	...	...	...
68	...	...	...	...
69	...	...	...	...
70	...	...	...	...
71	...	...	...	...
72	...	...	...	...
73	...	...	...	...
74	...	...	...	...
75	...	...	...	...
76	...	...	...	...
77	...	...	...	...
78	...	...	...	...
79	...	...	...	...
80	...	...	...	...
81	...	...	...	...
82	...	...	...	...
83	...	...	...	...
84	...	...	...	...
85	...	...	...	...
86	...	...	...	...
87	...	...	...	...
88	...	...	...	...
89	...	...	...	...
90	...	...	...	...
91	...	...	...	...
92	...	...	...	...
93	...	...	...	...
94	...	...	...	...
95	...	...	...	...
96	...	...	...	...
97	...	...	...	...
98	...	...	...	...
99	...	...	...	...
100	...	...	...	...

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

MUDDING AND CEMENTING RECORD

[illegible]

2300 14-000 010 000 000

[illegible]

SECRET ON 10/2/81

Case No.	Case Name	Date	Location	Time	Remarks
1	...	...	...	...	...
2	...	...	...	...	...
3	...	...	...	...	...
4	...	...	...	...	...
5	...	...	...	...	...
6	...	...	...	...	...
7	...	...	...	...	...
8	...	...	...	...	...
9	...	...	...	...	...
10	...	...	...	...	...
11	...	...	...	...	...
12	...	...	...	...	...
13	...	...	...	...	...
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	...	...	...	...	...
56	...	...	...	...	...
57	...	...	...	...	...
58	...	...	...	...	...
59	...	...	...	...	...
60	...	...	...	...	...
61	...	...	...	...	...
62	...	...	...	...	...
63	...	...	...	...	...
64	...	...	...	...	...
65	...	...	...	...	...
66	...	...	...	...	...
67	...	...	...	...	...
68	...	...	...	...	...
69	...	...	...	...	...
70	...	...	...	...	...
71	...	...	...	...	...
72	...	...	...	...	...
73	...	...	...	...	...
74	...	...	...	...	...
75	...	...	...	...	...
76	...	...	...	...	...
77	...	...	...	...	...
78	...	...	...	...	...
79	...	...	...	...	...
80	...	...	...	...	...
81	...	...	...	...	...
82	...	...	...	...	...
83	...	...	...	...	...
84	...	...	...	...	...
85	...	...	...	...	...
86	...	...	...	...	...
87	...	...	...	...	...
88	...	...	...	...	...
89	...	...	...	...	...
90	...	...	...	...	

TOOLS USED

to feet	from feet and from feet	to feet	from feet and from feet
to feet	from feet and from feet	to feet	from feet and from feet

SETA

Block pressure lbs. per sq. in.	10-15
If gas well, cut ft. per 24 hours	10-15
Gallons gasoline per 1,000 cu. ft. of gas	10-15
Gravity, °Baume	10-15
Barrels of fluid of which 75 was oil	10-15
Put to producing	10-15

EMPLOYEES

	Driller	
	Driller	

FORMATION RECORD

FORMATION	TOTAL FEET	TO	FROM
1. 1000	1000	1000	1000
2. 1000	1000	1000	1000
3. 1000	1000	1000	1000
4. 1000	1000	1000	1000
5. 1000	1000	1000	1000
6. 1000	1000	1000	1000
7. 1000	1000	1000	1000
8. 1000	1000	1000	1000
9. 1000	1000	1000	1000
10. 1000	1000	1000	1000
11. 1000	1000	1000	1000
12. 1000	1000	1000	1000
13. 1000	1000	1000	1000
14. 1000	1000	1000	1000
15. 1000	1000	1000	1000
16. 1000	1000	1000	1000
17. 1000	1000	1000	1000
18. 1000	1000	1000	1000
19. 1000	1000	1000	1000
20. 1000	1000	1000	1000
21. 1000	1000	1000	1000
22. 1000	1000	1000	1000
23. 1000	1000	1000	1000
24. 1000	1000	1000	1000
25. 1000	1000	1000	1000
26. 1000	1000	1000	1000
27. 1000	1000	1000	1000
28. 1000	1000	1000	1000
29. 1000	1000	1000	1000
30. 1000	1000	1000	1000
31. 1000	1000	1000	1000
32. 1000	1000	1000	1000
33. 1000	1000	1000	1000
34. 1000	1000	1000	1000
35. 1000	1000	1000	1000
36. 1000	1000	1000	1000
37. 1000	1000	1000	1000
38. 1000	1000	1000	1000
39. 1000	1000	1000	1000
40. 1000	1000	1000	1000
41. 1000	1000	1000	1000
42. 1000	1000	1000	1000
43. 1000	1000	1000	1000
44. 1000	1000	1000	1000
45. 1000	1000	1000	1000
46. 1000	1000	1000	1000
47. 1000	1000	1000	1000
48. 1000	1000	1000	1000
49. 1000	1000	1000	1000
50. 1000	1000	1000	1000
51. 1000	1000	1000	1000
52. 1000	1000	1000	1000
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60. 1000	1000	1000	1000
61. 1000	1000	1000	1000
62. 1000	1000	1000	1000
63. 1000	1000	1000	1000
64. 1000	1000	1000	1000
65. 1000	1000	1000	1000
66. 1000	1000	1000	1000
67. 1000	1000	1000	1000
68. 1000	1000	1000	1000
69. 1000	1000	1000	1000
70. 1000	1000	1000	1000
71. 1000	1000	1000	1000
72. 1000	1000	1000	1000
73. 1000	1000	1000	1000
74. 1000	1000	1000	1000
75. 1000	1000	1000	1000
76. 1000	1000	1000	1000
77. 1000	1000	1000	1000
78. 1000	1000	1000	1000
79. 1000	1000	1000	1000
80. 1000	1000		

FORMATION RECORD—Continued