

UNITED STATES
RECEIVED DEPARTMENT OF THE INTERIOR
JAN 31 1961
GEOLOGICAL SURVEY
S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO
LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Standard Oil Co. of Texas, A

Company Division of California Oil Co. Address Houston 2, Houston, Texas

Lessor or Tract Federal 15-10 Field L. Square Lake State New Mexico

Well No. 5 Sec. 10 T. 16S R. 31E Meridian _____ County Essex

Location ~~1530~~ ^{1530.0'} ft. of ~~N~~ ^S Line and ~~1580~~ ¹⁵⁸⁰ ft. of ~~N~~ ^W Line of ~~Section 10~~ ^{Section 10} Elevation ~~1180~~ ¹¹⁸⁰ (Derrick base relative to bench mark)

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 C. F. Durbin

Date 1-30-61 C. F. Dwyer Title District Engineer

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

Commenced drilling 12-22, 19 60 Finished drilling 1-4, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 368 to 770 No. 4, from _____ to _____

No. 2, from 3717 to 3739 No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from ~~1940~~ ~~1941~~ to ~~1942~~ No. 3, from ~~1943~~ to ~~1944~~

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	
3 5/8	32	8	J-53	209	Flare shoe		Surface	Pipe	
3 1/2	11.6	8	J-53	11.6	Flare shoe		Surface	Pipe	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3-1/8	209	125 bag & plug		Out side to surface	
4-1/2	3790	125 bag & plug		Two stages to protect surface 1000 to surface	

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
Pre treatment w/ 30,000 gals crude carrying 1 1/2 lb GEL down csg.						

TOOLS USED

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

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

DATES

....., 19.....	Put to producing
----------------	------------------------

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil: _____ %

emulsion:	% water: and	% sediment	Gravity °Bé
1	100	0	1.030
2	100	0	1.030
3	100	0	1.030
4	100	0	1.030
5	100	0	1.030
6	100	0	1.030
7	100	0	1.030
8	100	0	1.030
9	100	0	1.030
10	100	0	1.030
11	100	0	1.030
12	100	0	1.030
13	100	0	1.030
14	100	0	1.030
15	100	0	1.030
16	100	0	1.030
17	100	0	1.030
18	100	0	1.030
19	100	0	1.030
20	100	0	1.030
21	100	0	1.030
22	100	0	1.030
23	100	0	1.030
24	100	0	1.030
25	100	0	1.030
26	100	0	1.030
27	100	0	1.030
28	100	0	1.030
29	100	0	1.030
30	100	0	1.030
31	100	0	1.030
32	100	0	1.030
33	100	0	1.030
34	100	0	1.030
35	100	0	1.030
36	100	0	1.030
37	100	0	1.030
38	100	0	1.030
39	100	0	1.030
40	100	0	1.030
41	100	0	1.030
42	100	0	1.030
43	100	0	1.030
44	100	0	1.030
45	100	0	1.030
46	100	0	1.030
47	100	0	1.030
48	100	0	1.030
49	100	0	1.030
50	100	0	1.030
51	100	0	1.030
52	100	0	1.030
53	100	0	1.030
54	100	0	1.030
55	100	0	1.030
56	100	0	1.030
57	100	0	1.030
58	100	0	1.030
59	100	0	1.030
60	100	0	1.030
61	100	0	1.030
62	100	0	1.030
63	100	0	1.030
64	100	0	1.030
65	100	0	1.030
66	100	0	1.030
67	100	0	1.030
68	100	0	1.030
69	100	0	1.030
70	100	0	1.030
71	100	0	1.030
72	100	0	1.030
73	100	0	1.030
74	100	0	1.030
75	100	0	1.030
76	100	0	1.030
77	100	0	1.030
78	100	0	1.030
79	100	0	1.030
80	100	0	1.030
81	100	0	1.030
82	100	0	1.030
83	100	0	1.030
84	100	0	1.030
85	100	0	1.030
86	100	0	1.030
87	100	0	1.030
88	100	0	1.030
89	100	0	1.030
90	100	0	1.030
91	100	0	1.030
92	100	0	1.030
93	100	0	1.030
94	100	0	1.030
95	100	0	1.030
96	100	0	1.030
97	100		

If you walk on ft. per 24 hours

Il gas wen, cu. fo. per 24 hours -----	Canons gasonne per 1,000 cu. fo. gas -----
.....	

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

*** EMPLOYEES

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	960	960	Surface gravel, sd & rd bds.
960	1090	130	Anhydrite: Top Bentler 960'. Sh & sand.
1090	2000	1010	Salt, evap, rd bds w/dolo sh & sand.
2000	3680	1680	Anhydrite interbedded w/thin strata dolo.
3680	3742	62	Premier Sand.
3742	3790	48	Calcareite (San Andres)
			T/Premier 3681 (+517) Gamma-Ray
			T/San Andres 3742 (+456) Gamma-Ray

