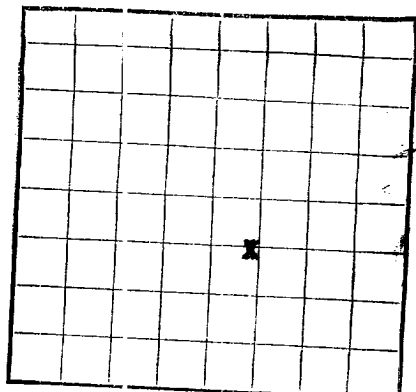


U. S. LAND OFFICE **New Mexico**

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT **03586**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company: **Coastal States Gas Prod. Company** Address **P. O. Box 385, Abilene, Texas**
Lessor or Tract **Federal Hayes** Field **Bluff** State **New Mexico**
Well No. **1** Sec **30** T. **8-S** R. **37-E** Meridian County **Reeves**
Location **1980** ft. **N.** of **Line** and **1980** ft. **E.** of **Line** of **Sec. 30** Elevation **4045.21**
(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

Kenneth J. DeBerryDate **November 22, 1960**Title **Production Sept.**

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

Commenced drilling **October 12,** 19**60** Finished drilling **November 16,** 19**60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **9588'** to **9618'** 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. 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—	
13 3/8	34.5	8	J-55	1000	Regular	9590	9590	9616	Production
8 5/8	21.6	8	J-55	1000	Regular	9590	9590	9616	Production
4 1/2	11.6	8	J-55	1000	Regular	9590	9590	9616	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	310	300	Howe	1.42/gal.	150 bbls.
8 5/8	410	830	Howe		
4 1/2	9616	600	Howe		

PLUGS AND ADAPTERS

Material **Brown Type "C"** Length **11.64'** Depth set **3871**
Adapters—Material _____ Size **4 1/2 x 8 5/8**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
9/16"	Perforations	Jets	100	11-17-60	9590-9616	

TOOLS USED

Rotary tools were used from _____ feet to **9668** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 22, 19**60** Put to producing **November 21,** 19**60**
The production for the first 24 hours was **648** barrels of fluid of which **99.7%** was oil; **0%** emulsion; **0%** water; and **0.3%** 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. **2800**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2276	2276	Red Beds, Shale & Sand
2276	2374	98	Anhydrite
2374	2734	360	Salt
2734	2834	100	Salt & Anhydrite
2834	2950	96	Shale
2950	3328	378	Sand & Shale
3328	4073	745	Sand w/Shale Streaks
4073	5526	1453	Dolomite & Limestone
5526	7707	2181	Limestone & Shale
7707	8243	536	Shale
8243	9668	1425	Limestone with Shale Streaks
GEOLOGIC TOPS			
			B/Anhydrite 2356
			T/Salt 2375
			T/Yates 2844
			T/San Andres 4073
			T/Glorietta 5526
			T/Tubb 6908
			T/Abo 7705
			T/Wolfcamp 8810
			T/Bough "A" 9488
			T/Bough "B" 9527
			T/Bough "C" 9587
			T/Bough "D" 9635

(OVER)

FORMATION RECORD—Continued

16-48094-4

FORMATION RECORD—Continued

FORMATION	TOTAL FEET	TO	FROM
10-12	100	100	100
11-12	100	100	100
12-13	100	100	100
13-14	100	100	100
14-15	100	100	100
15-16	100	100	100
16-17	100	100	100
17-18	100	100	100
18-19	100	100	100
19-20	100	100	100
20-21	100	100	100
21-22	100	100	100
22-23	100	100	100
23-24	100	100	100
24-25	100	100	100
25-26	100	100	100
26-27	100	100	100
27-28	100	100	100
28-29	100	100	100
29-30	100	100	100
30-31	100	100	100
31-32	100	100	100
32-33	100	100	100
33-34	100	100	100
34-35	100	100	100
35-36	100	100	100
36-37	100	100	100
37-38	100	100	100
38-39	100	100	100
39-40	100	100	100
40-41	100	100	100
41-42	100	100	100
42-43	100	100	100
43-44	100	100	100
44-45	100	100	100
45-46	100	100	100
46-47	100	100	100
47-48	100	100	100
48-49	100	100	100
49-50	100	100	100
50-51	100	100	100
51-52	100	100	100
52-53	100	100	100
53-54	100	100	100
54-55	100	100	100
55-56	100	100	100
56-57	100	100	100
57-58	100	100	100
58-59	100	100	100
59-60	100	100	100
60-61	100	100	100
61-62	100	100	100
62-63	100	100	100
63-64	100	100	100
64-65	100	100	100
65-66	100	100	100
66-67	100	100	100
67-68	100	100	100
68-69	100	100	100
69-70	100	100	100
70-71	100	100	100
71-72	100	100	100
72-73	100	100	100
73-74	100	100	100
74-75	100	100	100
75-76	100	100	100
76-77	100	100	100
77-78	100	100	100
78-79	100	100	100
79-80	100	100	100
80-81	100	100	100
81-82	100	100	100
82-83	100	100	100
83-84	100	100	100
84-85	100	100	100
85-86	100	100	100
86-87	100	100	100
87-88	100	100	100
88-89	100	100	100
89-90	100	100	100
90-91	100	100	100
91-92	100	100	100
92-93	100	100	100
93-94	100	100	100
94-95	100	100	100
95-96	100	100	100
96-97	100	100	100
97-98	100	100	100
98-99	100	100	100
99-100	100	100	100

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 why, 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 manner of shot. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

- HISTORY OF OIL OR GAS WELL -

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