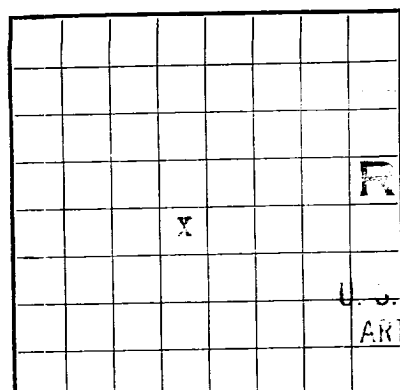


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **064577-A**
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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES

DEPARTMENT OF THE INTERIOR

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O. O. G.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company **TEXACO SEABOARD Inc.** Address **P. O. Box 352, Midland, Texas**
Lessor or Tract **B. I. Hanson Federal** Field **Shugart** State **New Mexico**
Well No. **1** Sec. **3** T. **19-S** R. **31-E** Meridian **NMPM** County **Eddy**
Location **2310** ft. **N.** of **S** Line and **2310** ft. **E.** of **W** Line of **Section 3** Elevation **3596'** (GL)
(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.

Date **December 21, 1959** Signed *J. B. Bingham* Title **Assistant District Superintendent**

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

Commenced drilling **November 28**, 19 **59** Finished drilling **December 11**, 19 **59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3392'** to **3406'** No. 4, from _____ to _____
No. 2, from **3415'** to **3426'** No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____
Drilled with Rotary Tools and no water sands tested
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—	
8 5/8"	24.00	8R	J-55	837'	Howco	None	None	None	Surface
5 1/2"	24.00	8R	J-55	3913'	Howco	None	See	above	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	850'	550	Howco		
5 1/2"	3925'	300	Howco		

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

TOOLS USED

Rotary tools were used from **0** feet to **3925** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

December 21, 19 **59** Put to producing **December 19**, 19 **59**

The production for the first 24 hours was **118** barrels of fluid of which **79** % was oil; _____ %
emulsion; **21** % water; and _____ % sediment. Gravity, °Bé. **33.6**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

C. F. Keel, Driller **J. H. Dukeminer**, Driller
T. E. Bingham, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	109	109	Caliche
109	850	741	Red Bed & Anhy
850	1107	257	Anhy & Salt & Gyp
1107	1632	525	Anhy & Gyp
1632	2134	502	Anhy & Salt
2134	2370	236	Anhy
2370	2809	439	Anhy & Gyp
2809	2875	66	Anhy, Gyp, & Lime
2875	2919	44	Lime
2919	3021	102	Lime & Anhy
3021	3925	904	Lime
Total Depth	3925'		
PBTD	3893'		

All measurements from Rotary Table are 11' above ground level.

ESTIMATE **5064**
4 - U.S.G.S.
1 - NMOC
1 - Field
1 - Division
1 - File

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
			Deviation Record
		Depth	Degrees Off
		718'	1/4
		812'	1/4
		1466'	3/4
		1715'	1
		2080'	2 1/2
		2265'	3
		2699'	1 3/4
		2792'	1 3/4
		3008'	3/4
		3250'	1/2
		3472'	3/4
		3628'	1/4
		3876'	1/2
		3925'	1/2

HISTORY OF OIL OR GAS WELL

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

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.

Spudded 12 1/4" hole 8:30 P.M. November 28, 1959. Ran 837' of 8 5/8" O.D. casing and cemented at 850'. With 350' Sx. 4% Gel and 200 Sx. Regular. Plug at 822'. Tested before and after drilling plug with 1000 PSI. Tested o.k. Job complete 11:30 A.M. December 1, 1959. Ran 3913' of 5 1/2" O.D. casing and cemented at 3925' with 300 Sx. 4% Gel Incor. Plug at 3893'. Tested before and after drilling plug with 1500 PSI. Tested o.k. Job complete 6:00 A.M. December 15, 1959. Perforate 5 1/2" O.D. casing with two jet shots per ft. from 3392' to 3406', and 3415' to 3426'. Acidize with 500 Gals. Regular acid. Trac with 10,000 Gals. Refined oil and 15,000 lbs. sand at 22.2 B.P.M. Job complete 10:00 A.M. December 16, 1959. Shut well in six hrs. and flow and swab. Recover load oil and test. On 24 hr. PT well swabbed 93 B0 and 25 BW, GOR TSTM, Gravity 33.6, Top of Pay 3392', Btm of Pay 3426'. NMOC Date-December 11, 1959, TEXACO Inc. Date-December 20, 1959