

Form 9-830

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

LC-064756

C.T. 8. X.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

26 1957

Oil & Gas Comm.
ARTESIA OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Texaco Company Address Box 1720, Port North, Texas
Lessor or Tract P. E. Nelson-Federal Field Nelson, North State New Mexico
Well No. 2 Sec. 24 T. 41-R. 31-E. Meridian 14N County Chad
Location 50 ft. N. of 1 Line and 60 ft. E. of 1 Line of Section 14 Elevation 3155 ft. (Barriok 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 [Signature]

Date July 23, 1957 Title Asst. Dist. Sept.

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

Commenced drilling 7-3-, 1957 Finished drilling 7-12-, 1957

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

No. 1, from 22 to 42 No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Drilled with rotary tools and no water sands tested.
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—	
<u>3 1/2"</u>	<u>32</u>	<u>8</u>	<u>Smith</u>	<u>21'</u>	<u>Larson</u>				
<u>1 1/2"</u>	<u>14</u>	<u>8</u>	<u>Smith</u>	<u>4229'</u>	<u>Larson</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>3 1/2"</u>	<u>22'</u>	<u>100</u>	<u>Ball</u>		
<u>1 1/2"</u>	<u>4229'</u>	<u>350</u>	<u>Ball</u>		

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 feet to 4229 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

7-24-, 1957 Put to producing 7-25-, 1957

The production for the first 24 hours was 100 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 41.5 Degrees

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

J. E. Johnson, Driller W. E. Hood, Driller
W. H. Loftis, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>314</u>	<u>314</u>	<u>Sand & Shale</u>
<u>314</u>	<u>346</u>	<u>32</u>	<u>Sand & Red Bed</u>
<u>346</u>	<u>380</u>	<u>34</u>	<u>Red Bed & Red Rock</u>
<u>380</u>	<u>1030</u>	<u>100</u>	<u>Sand Rock & Shale</u>
<u>1030</u>	<u>1054</u>	<u>24</u>	<u>Anhy</u>
<u>1054</u>	<u>1070</u>	<u>16</u>	<u>Sand Rock</u>
<u>1070</u>	<u>1151</u>	<u>81</u>	<u>Anhy</u>
<u>1151</u>	<u>1175</u>	<u>24</u>	<u>Sand & Anhy</u>
<u>1175</u>	<u>1184</u>	<u>9</u>	<u>Salt</u>
<u>1184</u>	<u>1310</u>	<u>126</u>	<u>Anhy & Shale</u>
<u>1310</u>	<u>1402</u>	<u>92</u>	<u>Shale & Gyp</u>
<u>1402</u>	<u>1410</u>	<u>8</u>	<u>Anhy</u>
<u>1410</u>	<u>1483</u>	<u>73</u>	<u>Salt & Shale</u>
<u>1483</u>	<u>1530</u>	<u>47</u>	<u>Salt & Sandy</u>
<u>1530</u>	<u>1554</u>	<u>24</u>	<u>Anhy</u>
<u>1554</u>	<u>1600</u>	<u>46</u>	<u>Salt & Sand</u>
<u>1600</u>	<u>1890</u>	<u>290</u>	<u>Anhy & Shale</u>
<u>1890</u>	<u>2023</u>	<u>133</u>	<u>Salt & Anhy</u>
<u>2023</u>	<u>2203</u>	<u>180</u>	<u>Salt, Anhy & Shale</u>
<u>2203</u>	<u>2301</u>	<u>98</u>	<u>Salt & Anhy</u>
<u>2301</u>	<u>2372</u>	<u>71</u>	<u>Anhy</u>
<u>2372</u>	<u>2441</u>	<u>69</u>	<u>Anhy & Gyp</u>
<u>2441</u>	<u>2500</u>	<u>59</u>	<u>Anhy</u>
<u>2500</u>	<u>2625</u>	<u>125</u>	<u>Anhy & Gyp</u>
<u>2625</u>	<u>2753</u>	<u>128</u>	<u>Anhy</u>
<u>2753</u>	<u>2815</u>	<u>62</u>	<u>Anhy & Gyp</u>

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2815	2940	125	Any Salt
2940	2979	39	Any Salt
2979	3006	27	Any Salt
3006	3018	12	Any Salt
3018	3046	28	Any Salt
3046	3074	28	Any Salt
3074	3109	35	Any Salt
3109	3120	11	Any Salt
3120	3144	24	Any Salt
3144	3189	45	Any Salt
3189	3245	56	Any Salt
3245	3289	44	Any Salt
3289	3389	100	Any Salt
3389	3463	74	Any Salt
3463	3467	4	Any Salt
3467	3620	153	Any Salt
3620	3715	95	Any Salt
3715	3977	262	Any Salt
3977	3996	19	Any Salt
3996	4093	97	Any Salt
4093	4184	91	Any Salt
4184	4225	41	Any Salt
4225	4251	26	Any Salt
4251	4251	0	Any Salt

(All measurements from rotary table or 10' above ground. Core #1 4225-4251 Recovered 100%)

314	- 1 1/4	2800
490	- 0	3044
54	- 1/2	3200
84	- 3/4	3345
15	- 1	3528
105	- 1	3650
125	- 3/4	3828
139	- 1	4070
152	- 3/4	
170	- 1	
186	- 1	
202	- 1	
219	- 1	
234	- 1	
251	- 3/4	
268	- 1 1/4	

HISTORY OF OIL OR GAS WELL

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 "sacked" 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.

Well was drilled to a total depth of 4251', where 5 1/2" casing was set at 4241'. Cement was drilled out to total depth of 4251'. Acidized open hole from 4241'-4251' with 500 gals mud acid and sand-trac with 3000 gals, gelled lease oil carrying 1 lb sand per gal. on 7-24-56. Well flowed 330 Bbl in 24 hrs on 7-25-56.

On official test ending 6 PM 7-26-56, well flowed 60 Bbls of oil in 6 hrs. GOR is 1000.