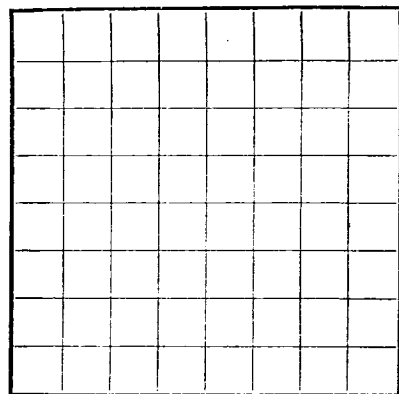


1961 MAY 15 AM 10 33
UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company C. L. Norsworthy, Jr. Address 521 Midland Tower, Midland, Texas
Lessor or Tract D. B. Perry Field Undesignated State New Mexico
Well No. 1 Sec. 33 T. 20-S R. 34-E Meridian NMPM County Lea
Location 330 ft. X of N Line and 2310 ft. W of E Line of NE/4 33 Elevation 3740
(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 _____
Date May 11, 1961 Title Supervisor

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

Commenced drilling April 18, 1961 Finished drilling May 9, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G) NONE

No. 1, from _____ to _____ 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 1030 to 1180 No. 3, from _____ to _____
No. 2, from 1390 to 1410 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>8 5/8</u>	<u>24</u>	<u>8R</u>	<u>CF 1</u>	<u>1664</u>	<u>HOWCO</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8</u>	<u>1664</u>	<u>600</u>	<u>Pump</u>	<u>10#</u>	<u>21 bbls.</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 surface feet to 1664 feet, and from _____ feet to _____ feet
Cable tools were used from 1664 feet to 3772 feet, and from _____ feet to _____ feet

DATES

_____, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

H. E. Jones, Driller C. H. Simpson, Driller
Joe Massengill, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
<u>surface</u>	<u>415</u>	<u>415</u>	<u>Red bed and sand</u>
<u>415</u>	<u>1030</u>	<u>615</u>	<u>Red bed</u>
<u>1030</u>	<u>1180</u>	<u>150</u>	<u>Sand and red bed - Santa Rosa</u>
<u>1180</u>	<u>1295</u>	<u>115</u>	<u>Red bed</u>
<u>1295</u>	<u>1390</u>	<u>95</u>	<u>Sandy shale</u>
<u>1390</u>	<u>1410</u>	<u>20</u>	<u>Hard sand</u>
<u>1410</u>	<u>1465</u>	<u>55</u>	<u>Red bed</u>
<u>1465</u>	<u>1770</u>	<u>305</u>	<u>Anhydrite</u>
<u>1770</u>	<u>1848</u>	<u>78</u>	<u>Salt - top salt</u>
<u>1848</u>	<u>2405</u>	<u>557</u>	<u>Salt, red shale and anhydrite</u>
<u>2405</u>	<u>2670</u>	<u>265</u>	<u>Salt</u>
<u>2670</u>	<u>2675</u>	<u>5</u>	<u>Anhydrite</u>
<u>2675</u>	<u>2745</u>	<u>70</u>	<u>Salt and red shale</u>
<u>2745</u>	<u>2918</u>	<u>173</u>	<u>Salt</u>
<u>2918</u>	<u>2925</u>	<u>7</u>	<u>Salt and gray-blue shale</u>
<u>2925</u>	<u>2945</u>	<u>20</u>	<u>Salt</u>
<u>2945</u>	<u>2975</u>	<u>30</u>	<u>Anhydrite</u>
<u>2975</u>	<u>3275</u>	<u>300</u>	<u>Salt</u>
<u>3275</u>	<u>3297</u>	<u>22</u>	<u>Red Sand</u>
<u>3297</u>	<u>3315</u>	<u>18</u>	<u>Anhydrite</u>
<u>3315</u>	<u>3334</u>	<u>19</u>	<u>Salt</u>
<u>3334</u>	<u>3385</u>	<u>51</u>	<u>Anhydrite - Tansill</u>

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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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, 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 spudded 9:00 AM April 18, 1961.
 Drilled with rotary tools to 1664.
 Set 8 5/8" casing at 1664, cemented with 600 sacks, cement circulated April 22, 1961.
 Drilled plug; tested water shut off April 24, 1961.
 Drilled with cable tools from 1664 to 1672.
 Bailed slight show of oil 3648-3655 - bailed dry in 1 run with bailer.
 Bailed slight show of oil 3740-3753 - bailed hole dry in one run.
 Dry at total depth.

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
3385	3531	146	Dolomite and anhydrite
3531	3544	13	Sand and lime - Yates
3544	3570	26	Lime
3570	3610	40	Sandy lime and limy sand
3610	3640	30	Lime
3640	3660	20	Sand
3660	3772	112	Lime and sand, broken