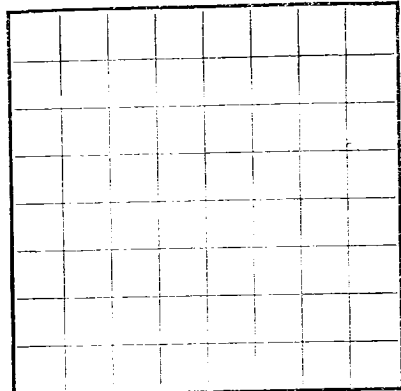


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032510 (b)
LEASE OR PERMIT TO PROSPECT Gregory "C"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Texas Pacific Coal & Oil Co. Address P. O. Box 1632, Hobbs, New Mexico
Lessor or Tract Gregory "C" Field Langlie-Mattix State New Mexico
Well No. 4 Sec. 35 T. 25 R. 37 Meridian NPM County Lea
Location 1221 ft. N of N Line and 660 ft. E of W Line of Sec. 35 Elevation 3027'
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 1, 1961 Title Petroleum Engineer

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

Commenced drilling March 18, 1961 Finished drilling March 26, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

OPEN HOLE VIBRO-FRAC

No. 1, from 3211 to 3215 No. 4, from 3270 to 3274
No. 2, from 3249 to 3253 No. 5, from _____ to _____
No. 3, from 3263 to 3267 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	
<u>8-5/8</u>	<u>24#</u>	<u>8</u>	<u>J-55</u>	<u>326'</u>	<u>Float</u>				<u>Surface Production</u>
<u>5-1/2</u>	<u>14#</u>	<u>8</u>	<u>J-55</u>	<u>3182'</u>	<u>Float</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>336'</u>	<u>300 Neg. + 1 1/2 Cel</u>	<u>Pump & Plug</u>		
<u>5-1/2</u>	<u>3182'</u>	<u>300 Neg. + 4 1/2 Cel</u>	<u>Pump & Plug</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 3317 feet and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 1961

The production for the first 24 hours was 10 barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 75

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
J. C. Hipp _____, Driller C. E. Fuller _____, Driller
_____, Driller _____, Driller
G. W. Warren _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	336	336	Sand & Red Bed
336	1203	867	Anhydrite
1203	2203	1000	Anhydrite & Salt
2203	2510	307	Anhydrite & Gypsum
2510	2955	445	Anhydrite & Lime
2955	3316	361	Lime
TOPS FROM ELECTRIC LOGS			
850			Top Anhydrite
1080			Top Salt
2150			Base Salt
2284			Top Yates
2987			Top Queens

FORMATION RECORD—Continued

[illegible]

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 "sidedracked" 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.