COPY TO ... NOTED

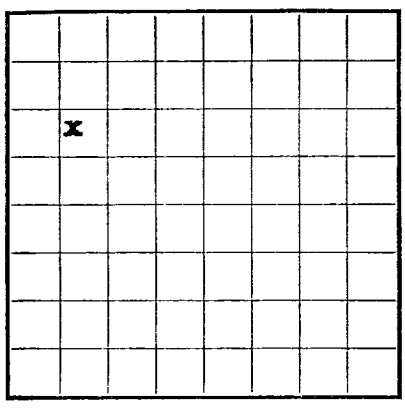
JUL 17 1961

STANDLEY

Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 054668
LEASE OR PERMIT TO PROSPECT Farnsworth 4



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

1961 JUL 13 AM 10 05

JUL 17 1961

LOG OF OIL OR GAS WELL

Company Texas Pacific Coal & Oil Company Address P. O. Box 1688, Hobbs, New Mexico
Lessor or Tract Farnsworth 4 Field Langlie-Mattix State New Mexico
Well No. 12 Sec. 4 T. 26-S R. 37E Meridian NMPM County Lea
Location 1650 ft. {N./S.} of N Line and 890 ft. {E./W.} of W Line of Sec. 4 Elevation 2996'
(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 Rollin M. Rock

Date July 13, 1961 Title Petroleum Engineer

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

Commenced drilling June 4, 1961 Finished drilling June 11, 1961

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

Perforations:
No. 1, from 3222 to 3229 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 From—	Perforated To—	Purpose
8-5/8"	24	8	J-55	324	Float				Surface
5-1/2"	14	8	J-55	3295	Float		3222	3229	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	335'	300 Reg. + 4% Gel	Pump & Plug		
5-1/2"	3285'	300 Reg. + 4% Gel	Pump + Plug		

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 3286 feet, and from ... feet to ... feet
Cable tools were used from ... feet to ... feet, and from ... feet to ... feet

DATES

July 13, 1961 Put to producing July 7, 1961

The production for the first 24 hours was 130 barrels of fluid of which 66 % was oil; 0 % emulsion; 34 % water; and 0 % sediment. Gravity, °Bé. 28.4

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. C. Hipp, Driller G. W. Warren, Driller
Doyle Lee, Driller ..., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	80	80	Sand
80	337	257	Red Bed
337	984	647	Anhyd. Shells & Red Bed
984	1080	96	Red Bed & Shells
1080	2435	1355	Salt & Anhyd.
2435	2621	186	Anhyd. & Lime
2621	2761	140	Lime & Sand
2761	2852	91	Lime
2852	2998	146	Lime & Sand
2998	3088	90	Lime
3088	3149	61	Lime & Dolomite
3149	3286	137	Lime

[OVER]

16—43034-4

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
	GEOLOGIC TOPS (ELECTRIC LOG)		
	Anhydrite	973	
	Yates	2619	
	Seven Rivers	2845	
	Queen	3221	

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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 "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.