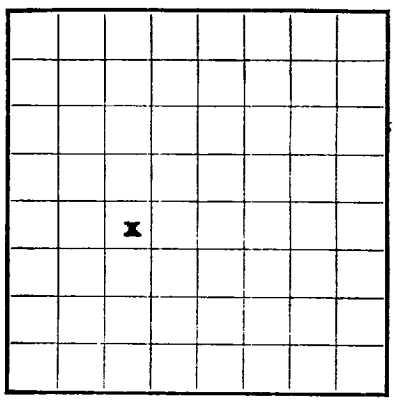
Form 9-330

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

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029020 (H)
LEASE OR PERMIT TO PROSPECT U.S.A. Woolley "D"



LOCATE WELL CORRECTLY

RECEIVED
FEB 6 1962
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
FEB - 9 1962
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Texas Pacific Coal & Oil Company Address P. O. Box 1688, Hobbs, New Mexico

Lessor or Tract U.S.A. Woolley "D" Field Undesignated State New Mexico

Well No. 1 Sec. 23 T. 17-S R. 30-E Meridian NMPM County Eddy

Location 2100 ft. {N.} of S. Line and 1650 ft. {E.} of W. Line of Section 23 Elevation 3672
(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 Callen M. Cook

Date February 5, 1962 Title Petroleum Engineer

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

Commenced drilling December 6, 19 61 Finished drilling January 20, 19 62

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

Perforations:

No. 1, from 6898 to 6926 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
13-3/8"	48#	8	Smls.	440	Float				Surface
9-5/8"	36#	8	Smls.	3500	Float				Intermediate
7"	23#	8	Smls.	6972	Float		6898	6926	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	440	600 sxs. reg.& 4% Gel	Pump & Plug		
9-5/8	3500	1500 sxs.reg.+4% Gel	Pump & Plug		
7"	6982	350 sxs. 50-50 poz.	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 6982 feet, and from ____ feet to ____ feet

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

DATES

February 5, 19 62 Put to producing January 22, 19 62

The production for the first 24 hours was 464 barrels of fluid of which 99 % was oil; ____ % emulsion; ____ % water; and 1 % sediment.

Gravity, °Bé. 45.2

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

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

G. C. Behn, Driller L. A. Jones, Driller

R. P. Jamison, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	440	440	Sand & Red Bed
440	1417	977	Salt & Anhydrite
1417	3000	1583	Gypsum & Anhydrite
3000	3068	68	Sand
3068	3114	46	Sandy Lime
3114	3432	318	Lime
3432	3660	228	Sandy Lime
3660	3880	220	Lime
3880	5740	1860	Lime, Shale & Chert streaks
5740	6312	572	Lime & Shale
6312	6830	518	Lime, Shale & Chert
6830	6982	152	Reef Limestone

GEOLOGIC TOPS (ELECTRIC LOG)

T/Yates	1347
T/Queen	2316
T/San Andres	3140
T/Glorieta	4598
T/Abo Reef	6830

FROM— TO— TOTAL FEET FORMATION

[OVER]

16—43094-4

FOLD | MARK

FORMATION RECORD—Continued

[OVER]

FROM—	TO—	TOTAL FEET	FORMATION

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

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.