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SERIAL NUMBER 028992-B

LEASE OR PERMIT TO PROSPECT -----

UNITED STATES Woolley-Arnold
20-015-04270

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

Company Roland Rich Woolley Address Box 456, Artesia, New Mexico

Lessor or Tract Woolley-Arnold Field Fren State New Mexico

Well No. 10B Sec. 22 T. 17S R. 30E Meridian NTPM County Eddy

Location 330 ft. $\left\{ \begin{smallmatrix} \text{N.} \\ \text{S.} \end{smallmatrix} \right\}$ of S Line and 2310 ft. $\left\{ \begin{smallmatrix} \text{E.} \\ \text{W.} \end{smallmatrix} \right\}$ of E Line of Sec. 22 Elevation _____
(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 J. L. Briscoe

Date June 14, 1950 Title Superintendent

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

Commenced drilling April 28, 1950 Finished drilling May 31, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1903 to 1911 No. 4, from to

No. 2 from 1936 to 1948 No. 5, from to

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 370 to 380 No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	495	50	Fulliburton	Heavy	Top to bottom
7	1825	100	"	"	"

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
		Nitro-glycerin	212 qts	5-17-50	1901-1952	Total depth

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Cable tools were used from 0 feet to 1963 feet, and from _____ feet to _____ feet.

DATES

Put to producing June 10, 1950

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

W. E. Fleming, Driller C. W. Hammond, Driller

W. H. Settlemyre, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	sand
10	15	5	caliche
15	40	25	red bed
40	130	90	red bed & red rock
130	175	45	red sand
175	200	25	red sandy shale
200	360	160	anhy
360	370	10	red bed
370	380	10	water sand
380	390	10	red sand
390	420	30	red bed & red rock
420	435	15	red bed anhy
435	450	15	red bed
450	1175	725	salt
1175	1395	220	anhy
1395	1435	40	anhy & red shale
1435	1765	330	anhy
1765	1795	30	anhy & lime
1795	1824	29	anhy & brown lime (slight show Oil & gas)
1824	1850	26	anhy
1850	1872	22	anhy & lime
1872	1903	31	anhy
1903	1918	15	broken lime (small show free oil 1903-11)
1918	1930	12	lime
1930	1938	8	anhy
1938	1947	9	brown lime (show Oil & gas)
1947	1963	16	anhy

10 JAN 11 1966

