Form 9-330

COPY TO O. C. C.

Bureau No. 42-R355.1.
Approval expires 11-30-49.

U. S. Land Office L.C.
Serial Number 050349 (a)
Lease or Permit to Prospect Brooks

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Olen F. Featherstone Address 210 Booker Bldg., Artesia, N. Mex.

Lessor or Tract ..... Field Empire State N. Mex.

Well No. 21 Sec. 19 T. 17S R. 28E Meridian NMPM County Eddy

Location 990 ft. {N./S.} of N Line and 1650 ft. {E./W.} of E Line of Sec. 19 Elevation 3735'
(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 Howard Kenny

Date 7/19/52 Title Drilling Contractor

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

Commenced drilling 6/5/52, 19.... Finished drilling 7/5/52, 19....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 601 to 604 No. 4, from ..... to .....

No. 2, from 609 to 612 No. 5, from ..... to .....

No. 3, from 618 to 620 No. 6, from ..... to .....

IMPORTANT WATER SANDS

No. 1, from 250 to 255 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
7"	20	8 rd	Pitts	585'	common				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	585'	25	plug		

FOLD MARK

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
Used 1000 gallons of Dowell's Sand Frac between 618 and 620'. 3" tubing and packer used for treatment with pakker set just above pay zone						

TOOLS USED

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

Cable tools were used from 0 feet to 620 feet, and from ..... feet to ..... feet

DATES

....., 19.... Put to producing July 5, 1952, 19....

The production for the first 24 hours was 20 barrels of fluid of which 100 % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, °Bé. 35

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. Hinton, Driller ....., Driller

E. S. Hiels, Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Top Soil & Clay
30	250	220	Anhy & Gyp
250	255	5	Gravel - WATER
255	260	5	Blue Shale
260	470	210	Red Beds & Anhy
470	475	5	Lime
475	535	60	Anhy
535	540	5	Red Beds
540	601	61	Anhy & Lime
601	604	3	Brown Lime - light show of OIL
604	609	5	Gray Lime
609	612	3	Brown Lime - light show of OIL
612	618	6	Gray Lime
618	620	2	Brown Sandy Lime - 1½ bbls of OIL/day
			620' is total depth

(OVER)

16—43094-2

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-1 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.