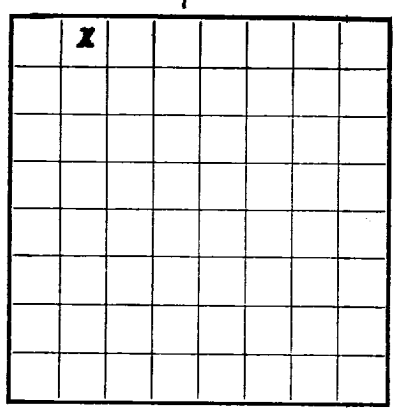
Form 9-330

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

U. S. LAND OFFICE LAS CRUCES

SERIAL NUMBER 064670 B

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company W. C. WELCH Address ARTESIA, NEW MEXICO

Lessor or Tract FEATHERSTONE Field EAST HILLMAN (QUEEN GRAYBURG) State NEW MEXICO

Well No. I Sec. 22 T. 19S R. 28E Meridian N.M.P.M. County EDDY

Location 330 ft. {N. / S.} of N Line and 990 ft. {E. / W.} of W 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 [signature] Title OWNER

Date FEBRUARY 4, 1959

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

Commenced DEEPENING 12/16/58, 19.... Finished DEEPENING 1/11/59, 19....

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from ..... to ..... 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

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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 ..... feet, and from ..... feet to ..... feet

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

DATES

....., 19..... Put to producing ....., 19.....

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. C. WELCH, Driller L. P. DAVIS, Driller

....., Driller D. M. JENKINS, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
		1935	LIME
		1976	SANDY LIME
		2176	LIME
		2209	SANDY LIME
		2258	LIME
		2296	SANDY LIME
		2366	LIME
		2405	SANDY LIME
		2419	SAND
		2606	LIME
		2618	SANDY LIME
		2626	LIME - T. D.

16—43094-4

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

Form 9-330

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.

WE DEEPENED THE ABOVE WELL FROM 1876 TO 2626. PLUGGED BACK TO BOTTOM OF 7 INCH CASING AT 1876 FT. AND SET BRIDGE PLUG AT 1850 FEET.

TREATED THROUGH PERFORATIONS FROM 1773 TO 1785 WITH 650 BBLS. OF OIL AND 108,000# OF SAND. INCREASED PRODUCTION FROM 30 TO 80 BBLS. OF OIL PER DAY.

(ELECTRIC LOG ATTACHED)