N. M. O. C. C. COPY

Form 9-330

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

U. S. LAND OFFICE LAS CRUCES
SERIAL NUMBER 029387 (A)
LEASE OR PERMIT TO PROSPECT

RECEIVED
NOV 1 1960
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
DEC 30 1960
O. C. C.
ARTESIA, OFFICE

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company IVERSON & WELCH Address ARTESIA, NEW MEXICO

Lessor or Tract SHUGART A Field N.SHUGART QG Undesignated State NEW MEXICO

Well No. 5-A Sec. 29 T. 18S R. 31E Meridian N. M. P. M. County EDDY

Location 1650 ft. {N./S.} of S Line and 990 ft. {E./W.} of W Line of Sec.29-18-31 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]

Date NOVEMBER 7, 1960 Title AGENT

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

Commenced drilling 9/4/60, 19.... Finished drilling 10/21/60, 19....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2540 to 2555 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				691			NONE		SURFACE
7				2725			2540	2555	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8	691	75	DENTON	-	-
7	2725	100	DENTON	-	-

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 0 feet to 3762 feet, and from .... feet to .... feet

DATES

...., 19.... Put to producing NOVEMBER 1ST, 19 60

The production for the first 24 hours was 100 barrels of fluid of which 100% 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

E. McDORMAN, Driller J. H. BEAN, Driller

...., Driller ...., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			AT THE END OF COMPLETE DRILLER'S LOG, A GEOLOGIC TOPS STATE WHETHER FRESH OIL OR SAMPLES.
TEOLOGICAL TOPS			
BASE SALE		1860	
TOP OF YATES		2170	
TOP SEVEN RIVERS		2565	

FOLD

MARK

(OVER)

16—48094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
		520	R.B. & CALICHE
		665	ANHY
		678	SAND
		695	ANHY
		1665	SALT
		1695	ANHY
		1785	SALT
		2547	ANHY
		2556	SAND
		2925	LIME
		2965	LIME-SDY
		3168	LIME
		3180	SAND
		3210	LIME & SAND
		3410	LIME
		3435	SAND
		3525	LIME
		3570	LIME-SDY
		3595	SAND
		3610	LIME
		3630	LIME-SDY
		3715	LIME
		3723	SAND
		3730	LIME
		3745	LIME & SAND
		3762	SAND - T. D.
			P.B. 3725

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.