N. M. O. C. C.

Form 9-330

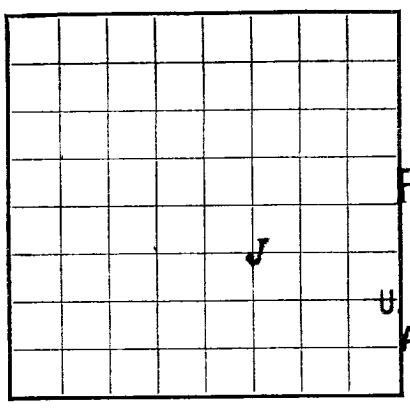
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

LAS CRUCES

U. S. LAND OFFICE 029387 (b)

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
NOV 6 1961
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

RECEIVED
NOV 8 1961
O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

ARTESIA, NEW MEXICO

Company IVERSON & WELCH Address N.M.O.C.C. NEW MEXICO

Lessor or Tract SHUGART C Field State

Well No. 4-X C Sec. 30 T. 18S R. 31E Meridian NMPM County EDDY

Location 1650 ft. {N./S.} of S Line and 1650 ft. {E./W.} of E Line of SEC. 30 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 T. F. Wiles

Date 11/6/61 Title AGENT

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

Commenced drilling 8/22/61, 19 Finished drilling 10/17/61, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3634 to 3644 No. 4, from 3532 to 3536

No. 2, from 3580 to 3602 No. 5, from 3520 to 3526

No. 3, from 3542 to 3548 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
8-5/8				775					SURFACE
5½				3682			3634	3644	
							3580	3602	
							3542	3548	
							3532	3536	
							3520	3526	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	775	50	DENTON		
5½	3682	300	"		

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

TOOLS USED

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

Cable tools were used from 0 feet to 3689 feet, and from feet to feet

DATES

, 19 Put to producing 10/27/61, 19

The production for the first 24 hours was 30 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. M. BEAN, Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

AT THE END OF COMPLETE DRILLER'S LOG, ADD A [illegible] STATE [illegible]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
		520	RED BEDS & SAND
		790	ANHY
		1853	SALT
		2538	ANHY
		2544	SAND
		2750	ANHY
		3175	LIME
		3240	SAND
		3409	LIME
		3445	SAND
		3515	LIME
		3660	LIME & SAND
		3689	LIME T.D.

GEOLOGIC TOPS:

TOP OF ANHY.	520
TOP OF SALT	780
BASE OF SALT	1855
TOP OF YATES	2160
TOP 7-RIVERS	2552
TOP OF QUEEN	3120
TOP GRAYBURG	3600

HISTORY OF OIL OR GAS WELL

16—43004-2 U. S. GOVERNMENT PRINTING OFFICE

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.