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 062483
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
NOV 22 1961
GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company John H. Trigg Address P. O. Box 520 Roswell, New Mexico
Lessor or Tract Federal "PV" Field N. Square Lake Grbg. State New Mexico
Well No. 2-5 Sec. 5 T 16S R 31E Meridian N.M.P.M. County Eddy
Location 1980 ft. {N. / XXX} of S Line and 1980 ft. {XXX / W.} of E Line of Section 5 Elevation 4085 (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 Hugh W. Trigg
Date October 16, 1961 Title Geologist

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

Commenced drilling August 27, 1961 Finished drilling September 5, 1961

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3395 to 3403 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 5/8	24#		J-55	819	Float				
4 1/2"	10.5#		C F I	3441	Float		3395	3403	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	832	100	Pump		
4 1/2	3452	200	Pump		

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
S. F. 37,800 gallons crude and 50,000# sand.						

TOOLS USED

Rotary tools were used from 0 feet to 3454 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

October 16, 1961 Put to producing September 10, 1961

The production for the first 24 hours was 144 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

D. T. Smith, Driller C. T. Holbert, Driller
R. D. Blackledge, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	825	825	Caliche, red beds
825	925	100	Anhydrite
925	1785	860	Salt, anhydrite breaks
1785	3085	1300	Red beds with lime and anhydrite breaks
3085	3440	355	lime with sand breaks
3440	3454	14	Lime
	T. D. 3454'		
Log Tops:	Anhydrite	824	
	Base Salt	1711	
	Queen P	2704	
	Grayburg	3079	
	Premier	3390	
	San Andres	3441	

FOLD | MARK

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.