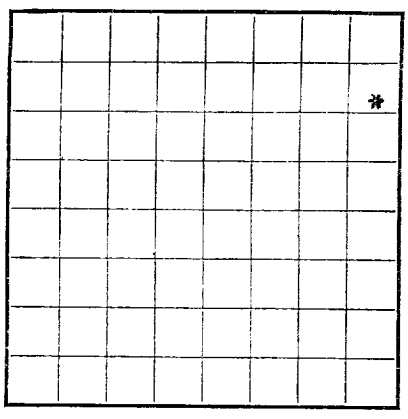
Form 9-330

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

U. S. LAND OFFICE .....
SERIAL NUMBER ....LC-065478 (b)
LEASE OR PERMIT TO PROSPECT .....



LOCATE WELL CORRECTLY

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address P. O. Box 68 - Hobbs, New Mexico

Lessor or Tract Malco Refineries "H" Field Empire ABO State New Mexico

Well No. 7 Sec. 3 T-18-S R-27-E Meridian NMPM County Eddy

Location 982.44 ft. [N/S] of N Line and 330 ft. [E/W] of E Line of Sec. 3 Elevation 3595 RDB (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 Original Signed by J. W. BROWN

Date November 5, 1959 Title Area Superintendent

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

Commenced drilling 10-4-, 1959 Finished drilling 10-24-, 1959

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 5400 to 5632 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#	8R	J-55		Guide				Surface
4-1/2"	9.5#	8R	J-55		Guide		5600	5630	Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	1496	700	Pump Plug		
4-1/2"	5661	850	Pump Plug		

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 0 feet to 5661 TD feet, and from ..... feet to ..... feet

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

DATES

October 27, 1959 Put to producing October 26, 1959

The production for the first 24 hours was 110 barrels of fluid of which 95 % was oil; ..... % emulsion; 5 % water; and ..... % sediment. Gravity, °Bé. 42°

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

T. N. Arnold, Driller Joe Henry, Driller

R. D. Ryan, Driller P. F. Huffman, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	412	412	Surface
412	539	127	Surface, Anhy, Lime
539	1221	682	Anhy & Lime
1221	1348	127	Anhy & Sand
1348	1496	148	Anhy, Lime
1496	2214	718	Lime
2214	2587	373	Lime, Sand
2587	3612	1025	Lime
3612	3761	149	Lime, Sand
3761	5661 TD	1900	Lime

TOPS

Top Queen	890
Top San Andres	1618
Top Glorieta	3005
Top ABO	5110
Top Abo Pay	5410

16—43094-4

FOLD | MARK

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.

TD-5661, PB 5631. Completed 10-27-59 as a flowing oil well. On potential test, well flowed 105 BO, 5 BAW, 101 MCFG, in 24 hours on 9/64" choke. TPF-785, CPF-0 (Pkr), GOR 962, Est Allow. 62 BOPD.