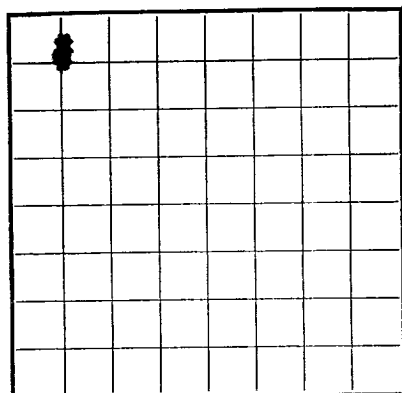




LOCATE WELL CORRECTLY

COPY TO O. C.

VGBBS

U. S. LAND OFFICE _____
 SERIAL NUMBER **MM 037667** _____
 LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 68, Hobbs, New Mexico
Lessor or Tract USA Courtland Myers "B" Field Langlie Mattix State New Mexico
Well No. 16 Sec. 5 T. 24S R. 37E Meridian NMPM County Lea
Location 660 ft. NE of N Line and 660 ft. E of W Line of Section 5, Elevation 3314 MDB
(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. Original Signed by:

Date February 16, 1962 Title Area Superintendent

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

Commenced drilling January 19, 1962 Finished drilling January 22, 1962

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

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

No. 2, from ----- to -----

No. 3, from ----- to -----

No. 4, from ----- to -----

No. 5, from ----- to -----

No. 6, from ----- to -----

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	352	Circulated	Pump Plug		
5-1/2	3680	300 sz.	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
Acid	1000 gallons					
SOF	20,000 gal. oil, w/1 1/2 to 2 1/4	Su. Sal.				

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

Completed February 12, 1962 Put to producing February 10, 1962
The production for the first 24 hours was 23 barrels of fluid of which 88% was oil; 12%

emulsion; ----- % **load**; and ----- % sediment. Gravity, °Bé. ----- **39.4**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Paul R. McQueen	Driller	Davidson Brothers Company	Driller
Glenn Morrow	Driller	R. J. Gaspard	Partner
		Cecil Hooker	Partner

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	352	352	Surface
352	1438	1083	Red Bed
1438	2761	1323	Anhy & Salt
2761	3040	279	Anhy
3040	3107	67	Anhy & Salt
3107	3234	127	Anhy, Salt, Lime
3234	3680	446	Lime

TOPS BY E LOGS

Top Yates	2900	(+14)
Top Seven Rivers	3210	(+104)
Top Queen	3503	(-189)

GOR -1570
CPF - 700#
TPF - 400#
CH - 16/64"

JOINTS

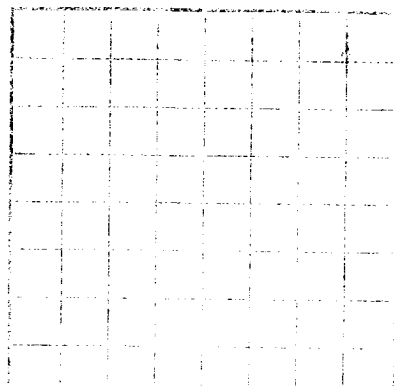
OVER

FORMATION RECORD - CONTINUED

18-48094-3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

115W 240 50 J10 30 20.1



1. *Pharmaceutical industry*

1. The first step in the process of the investigation is to determine the scope of the problem. This involves identifying the specific areas of concern and the potential causes of the problem. Once the scope is defined, the next step is to gather data. This can be done through a variety of methods, including interviews, surveys, and observation. The data is then analyzed to identify patterns and trends. Finally, the results of the investigation are used to develop a plan of action to address the problem.

1. The Commission has received information from the public that the Commission's decision to grant a license to the applicant, [redacted], for the operation of a [redacted] in the [redacted] area, is in violation of the [redacted] Act, 1954, and the [redacted] Rules, 1955.

ATTORNEY GENERAL, DIST. CT.

(C) 2004 Pearson Education, Inc.

[illegible]

SEVERAL OTHER THREATS

..... 29	 29
..... 30	 30

[illegible][illegible]

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.

HISTORY OF OIL OR GAS WELL

10-43094-Z U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
			1. 0-10' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 2. 10-20' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 3. 20-30' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 4. 30-40' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 5. 40-50' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 6. 50-60' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 7. 60-70' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 8. 70-80' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 9. 80-90' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 10. 90-100' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert.