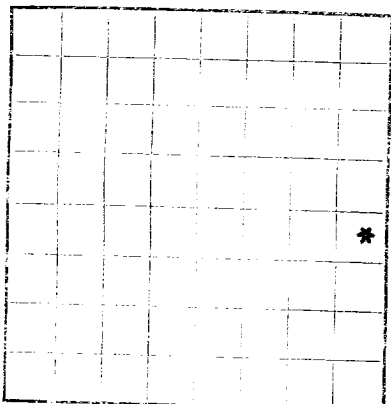




LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECTUNITED 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 W. E. Bondurant Field Undesignated State New Mexico
Well No. 1 Sec. 13 T. 19S R. 32E Meridian NMPM County Lea
Location 2310 ft. N. of S. Line and 330 ft. W. of E. Line of Section 13 Elevation 3643' RDB
(Denote gas by G)

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Signed _____

Date 9-29-60Title Area Superintendent

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

Commenced drilling 8-31-60 19____ Finished drilling 9-7-60 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3248' to 3262' 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 size	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8-5/8"</u>	<u>22.7</u>	<u>SJ</u>	<u>Armco</u>	<u>315</u>	<u>Guide</u>				
<u>4-1/2"</u>	<u>9.5</u>	<u>8-RT</u>	<u>J-55</u>	<u>3278</u>	<u>Guide</u>		<u>3258</u>	<u>3262</u>	<u>Surface Oil String</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>315</u>	<u>175</u> <u>ex</u> <u>Girc</u>	<u>Pump Plug</u>		
<u>4-1/2"</u>	<u>3272</u>	<u>700</u> <u>sx</u>	<u>Pump Plug</u>		

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 3282 TD feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed 9-20- 1960- Put to producing 9-11- 1960-

The production for the first 24 hours was 98 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 33.6

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

B. N. Dezell _____, Driller R. L. Howie _____, Driller
Fred Schwettman _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>315</u>	<u>315</u>	<u>Sand & Red bed</u>
<u>315</u>	<u>600</u>	<u>285</u>	<u>Sand, Shells, Shale</u>
<u>600</u>	<u>975</u>	<u>375</u>	<u>Red Shale, Sand</u>
<u>975</u>	<u>1270</u>	<u>295</u>	<u>Shale & Anhy</u>
<u>1270</u>	<u>1345</u>	<u>75</u>	<u>Anhy</u>
<u>1345</u>	<u>1475</u>	<u>130</u>	<u>Anhy & Red Shale</u>
<u>1475</u>	<u>1645</u>	<u>170</u>	<u>Salt & Anhy Streaks</u>
<u>1645</u>	<u>2030</u>	<u>385</u>	<u>Anhy</u>
<u>2030</u>	<u>2260</u>	<u>230</u>	<u>Anhy & Shale</u>
<u>2260</u>	<u>2650</u>	<u>390</u>	<u>Salt & Anhy Streaks</u>
<u>2650</u>	<u>2880</u>	<u>230</u>	<u>Anhy & Gyp</u>
<u>2880</u>	<u>2925</u>	<u>45</u>	<u>Anhy & Shale</u>
<u>2925</u>	<u>3130</u>	<u>205</u>	<u>Anhy</u>
<u>3130</u>	<u>3282</u>	<u>152</u>	<u>Sandy Dolomite</u>

FORM-	TO-	TOTAL FEE	FORMATION
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—OL

TOTAL FEE F

FORMATION

3245-32821. Tool open 3 hr. 20 min. Good blow at surface immediately. Approximate rate of 2.3 MCFPD - diminished.

Gas to surface in 45 min at approximate rate of 2500 gpm. Recovered 3,000 total fluid consisting of 1700 gals cut mud; 1000 of 80% oil and 20% oil & gas cut mud; and 300 sulfur water and gas cut mud. 30 min final BHP-SI-1120#. BHPF 310 to 1120.

JSPF. Completed as above.

U. S. GOVERNMENT PRINTING OFFICE 16-68094-9

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.