

Santa Fe, New Mexico

[illegible]

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

State MA Tract 9
(Less)

_____ **Hobbs** _____ **Pool,** _____ **Lee** _____ **County.**

Well is 840 feet from West line and 1650 feet from North line.

of Section 15..... If State Land the Oil and Gas Lease No. is A-1212.....

Drilling Commenced.....**7-2**....., 19..**57**... Drilling was Completed.....**8-3**....., 19..**57**...

Name of Drilling Contractor..... **Gackle Drilling Corporation**.....

Address.....**Fort Worth, Texas**.....

Elevation above sea level at Top of Tubing Head.....3611 DF..... The information given is to be kept confidential until
.....not confidential....., 19.....

OIL SANDS OR ZONES

No. 1, from none (salt water disposal well) to No. 4, from to

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.

No. 2, from.....to.....feet.

No. 3, from.....to.....feet.

No. 4, from.....to.....feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
9 5/8	32.3	New	309	Float			Surface
7	20	new & used	4893	Float			Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 $\frac{1}{2}$	9 5/8	322	275	Howee Plug		
8 3/4	7	4872	1225	Howee Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perforated 4634-44, 4660-4700, 4720-73, 4802-26 with 4 shots per foot., acidized 10,000 gallons regular acid.

Result of Production Stimulation..... On water injectivity tests after stimulation well took water on vacuum at rate of 909 barrels per hour.

Depth Cleaned Out.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 4872 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing Completed 8-13, 1957 (Salt Water Disposal Well)

OIL WELL: The production during the first 24 hours was not applicable barrels of liquid of which % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.	1605		T. Devonian		T. Ojo Alamo
T. Salt	1700		T. Silurian		T. Kirtland-Fruitland
B. Salt	2700		T. Montoya		T. Farmington
T. Yates			T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen			T. Ellenburger		T. Point Lookout
T. Grayburg	4078		T. Gr. Wash		T. Mancos
T. San Andres	4141		T. Granite		T. Dakota
T. Glorieta			T.		T. Morrison
T. Drinkard			T.		T. Penn.
T. Tubbs			T.		T.
T. Abo			T.		T.
T. Penn.			T.		T.
T. Miss.			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	141	141	Rock and sand	4204	4268	64	Lime anhy.
141	527	386	Red Bed	4268	4555	287	Lime
527	772	245	Red bed and shale	4555	4761	206	Sandy lime
772	1017	245	Red Bed	4761	4800	39	Lime and Dolomite
1017	1642	625	Red bed, red rock, shale, and red rock	4800	4842	42	Lime and Sand
1642	1697	55	anhy.	4842	4872	30	Lime
1697	1765	68	anhy.				
1765	1821	56	Salt and shale				
1821	2074	253	Salt				
2074	2569	495	Anhy. salt, gyp.				
2735	2880	145	Anhy., shale, gyp, red-rock				
2880	3314	434	Anhy. and gyp.				
3314	3396	82	Anhy.				
3396	3573	177	Anhy. gyp, shale, red-rock				
3573	3643	70	Anhy., gyp.				
3643	3690	47	Anhy., gyp., redrock				
3690	3880	190	Anhy., shale				
3880	3993	113	Anhy., lime				
3993	4058	65	Lime, anhy. gyp.				
4058	4204	146	Lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator Pan American Petroleum Corp. Address Box 68, Hobbs, New Mexico (Date) 8-14-57

- Core #1 4070-4120 Recovered 50', 4070-76 Gray dense xln dolomite, no show.
4076-97 light to dark gray xln dolomite with scattered anhydrite inclusions and shale partings, poor to good pinpointing to vuggy porosity and scattered fracturing, poor to good oil and gas bleed throughout.
4097-99 Gray dense dolomite, no show.
4099-4120 light gray to brown sandy dolomite with poor to fair pinpoint vuggy porosity and poor to good oil bleed.
- Core #2 4120-4164 Recovered 44'
4120-55 Dark to light gray occasionally sandy dolomite with shale partings and with scattered pinpoint porosity and scattered slight oil bleed.
4155-63 Dark to light gray sandy dolomite with pinpoint to vug. porosity and occasional scattered oil and water bleed.
4163-64 Light gray fractured dolomite with small vug. porosity and slight oil and water bleed.
- DST #1 4065-4150, tool open 4 hrs. weak blow air throughout test. Recovered 150' drill mud, no show oil, gas or water. BHFP 120, BHPSI-600.
- DST #2 4180-4235, tool open 3 hrs. gas to surface 20 min. fair blow gas throughout test. Recovered 1179' sulphur water and 60' free oil. BHFP 240-150 30 min. BHPSI-930.
- DST #3 4238-4268, tool open 1½ hrs. weak flow air at once, declined to zero in 45 min. Recovered 120' sulphur water. Cut drill mud. BHFP-95-1390, 30 min., BHPSI-1390.
- DST #4 4300-4445, tool open 4 hrs., strong blow air at once, decreasing to weak blow at end of test. Recovered 2680' sulphur water. BHFP-230-1320, 1 hr. BHPSI-1455.
- DST #5 4627-4802, tool open 1 hr., strong blow air at once, died after 38 min. Recovered 429' drill mud. BHFP-355, 30 min. BHPSI-1900.
- DST #6 4622-4872, tool open 2½ hrs. Strong blow air in 5 min., diminishing to zero in 45 min. Recovered 640' drill mud, 2660 sulphur water. BHFP-1365-1710, 15 min. BHPSI-1710.