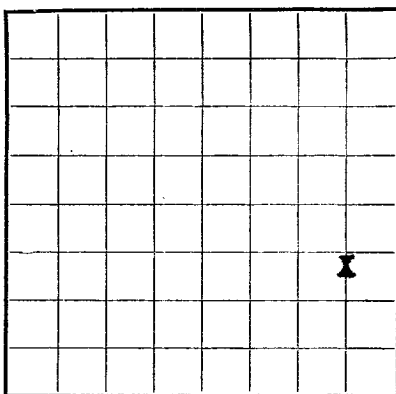


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **032450 (b)**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

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 **C. Myers "B"** Field **Fowler Devonian** State **New Mexico**
Well No. **14** Sec. **9** T. **24** R. **37** Meridian **N M P M** County **Lea**
Location **1650** ft. **N** of **S** Line and **660** ft. **E** of **E** Line of **Section 9** Elevation **3293** 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

*Ralph H. Sanderson*Date **7-24-57**Title **Field Superintendent**

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

Commenced drilling **5-15-57**, 19____ Finished drilling **7-9-57**, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **7730** to **7770** 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 _____

GASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	Purpose
13-3/8	48	8	H-40	300	Plug		7730	7770	1/4 shots per
8-5/8	32	8	H-40	300	Plug				Foot pressure
5-1/2	18	8	J-55	700	Plug				Foot pressure
HIDELONX OR ON OF (V) METT									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	308	400	Howco		
8 5/8	3896	2950	Howco		
5 1/2	7996	675	Howco		

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 **7996** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed **7-11**, 19**57** Put to producing **7-9-57**, 19____The production for the first 24 hours was **160** barrels of fluid of which **97**% was oil; _____% emulsion; **3**% water; and _____% sediment. Gravity, °Bé. **45°**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. N. Baran, Driller **R. W. Shields**, Driller
A. B. Singleton, Driller **L. G. Bennett**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	590	590	Red bed
590	1016	426	Anhy., red bed
1016	2530	1514	Anhy. Salt
2530	2697	167	Anhy. Gyp
2697	2812	115	Anhy.
2812	3151	339	Anhy. Gyp
3151	3588	437	Anhy.
3588	3660	72	Anhy. Line
3660	3773	113	Line
3773	3885	112	Line Anhy.
3885	4509	624	Line
4509	4886	377	Line Sand
4886	5200	314	Line
5200	5405	205	Line Sand
5405	6605	1200	Line
6605	6655	50	Line Sand
6655	7185	530	Line
7185	7302	117	Line & shale
7302	7567	265	Line
7567	7770	203	Line & Shale
7770	7803	33	Line
7803	7846	143	Line Shale
7846	7875	29	Line
7875	7886	11	Line Chert
7886	7996	110	Line

TOPS

Anhy. - 1015
Salt - 1045
Yates - 2595
Queen - 3310
San Andres-3850
Glorietta- 4960
Blinbry - 5660
Tubb - 6125
Drinkard (Vivian) -6345
Abo -6595
Devonian-7730

FROM—

TO—

TOTAL FEET

[OVER]

FORMATION

16-43004-2

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1380	1350	30	Time
1375	1350	25	Time
1370	1350	20	Time
1365	1350	15	Time
1360	1350	10	Time
1355	1350	5	Time
1350	1350	0	Time
1345	1350	5	Time
1340	1350	10	Time
1335	1350	15	Time
1330	1350	20	Time
1325	1350	25	Time
1320	1350	30	Time
1315	1350	35	Time
1310	1350	40	Time
1305	1350	45	Time
1300	1350	50	Time
1295	1350	55	Time
1290	1350	60	Time
1285	1350	65	Time
1280	1350	70	Time
1275	1350	75	Time
1270	1350	80	Time
1265	1350	85	Time
1260	1350	90	Time
1255	1350	95	Time
1250	1350	100	Time
1245	1350	105	Time
1240	1350	110	Time
1235	1350	115	Time
1230	1350	120	Time
1225	1350	125	Time
1220	1350	130	Time
1215	1350	135	Time
1210	1350	140	Time
1205	1350	145	Time
1200	1350	150	Time
1195	1350	155	Time
1190	1350	160	Time
1185	1350	165	Time
1180	1350	170	Time
1175	1350	175	Time
1170	1350	180	Time
1165	1350	185	Time
1160	1350	190	Time
1155	1350	195	Time
1150	1350	200	Time
1145	1350	205	Time
1140	1350	210	Time
1135	1350	215	Time
1130	1350	220	Time
1125	1350	225	Time
1120	1350	230	Time
1115	1350	235	Time
1110	1350	240	Time
1105	1350	245	Time
1100	1350	250	Time
1095	1350	255	Time
1090	1350	260	Time
1085	1350	265	Time
1080	1350	270	Time
1075	1350	275	Time
1070	1350	280	Time
1065	1350	285	Time
1060	1350	290	Time
1055	1350	295	Time
1050	1350	300	Time
1045	1350	305	Time
1040	1350	310	Time
1035	1350	315	Time
1030	1350	320	Time
1025	1350	325	Time
1020	1350	330	Time
1015	1350	335	Time
1010	1350	340	Time
1005	1350	345	Time
1000	1350	350	Time
995	1350	355	Time
990	1350	360	Time
985	1350	365	Time
980	1350	370	Time
975	1350	375	Time
970	1350	380	Time
965	1350	385	Time
960	1350	390	Time
955	1350	395	Time
950	1350	400	Time
945	1350	405	Time
940	1350	410	Time
935	1350	415	Time
930	1350	420	Time
925	1350	425	Time
920	1350	430	Time
915	1350	435	Time
910	1350	440	Time
905	1350	445	Time
900	1350	450	Time
895	1350	455	Time
890	1350	460	Time
885	1350	465	Time
880	1350	470	Time
875	1350	475	Time
870	1350	480	Time
865	1350	485	Time
860	1350	490	Time
855	1350	495	Time
850	1350	500	Time
845	1350	505	Time
840	1350	510	Time
835	1350	515	Time
830	1350	520	Time
825	1350	525	Time
820	1350	530	Time
815	1350	535	Time
810	1350	540	Time
805	1350	545	Time
800	1350	550	Time
795	1350	555	Time
790	1350	560	Time
785	1350	565	Time
780	1350	570	Time
775	1350	575	Time
770	1350	580	Time
765	1350	585	Time
760	1350	590	Time
755	1350	595	Time
750	1350	600	Time
745	1350	605	Time
740	1350	610	Time
735	1350	615	Time
730	1350	620	Time
725	1350	625	Time
720	1350	630	Time
715	1350	635	Time
710	1350	640	Time
705	1350	645	Time
700	1350	650	Time
695	1350	655	Time
690	1350	660	Time
685	1350	665	Time
680	1350	670	Time
675	1350	675	Time
670	1350	680	Time
665	1350	685	Time
660	1350	690	Time
655	1350	695	Time
650	1350	700	Time
645	1350	705	Time
640	1350	710	Time
635	1350	715	Time
630	1350	720	Time
625	1350	725	Time
620	1350	730	Time
615	1350	735	Time
610	1350	740	Time
605	1350	745	Time
600	1350	750	Time
595	1350	755	Time
590	1350	760	Time
585	1350	765	Time
580	1350	770	Time
575	1350	775	Time
570	1350	780	Time
565	1350	785	Time
560	1350	790	Time
555	1350	795	Time
550	1350	800	Time
545	1350	805	Time
540	1350	810	Time
535	1350	815	Time
530	1350	820	Time
525	1350	825	Time
520	1350	830	Time
515	1350	835	Time
510	1350	840	Time
505	1350	845	Time
500	1350	850	Time
495	1350	855	Time
490	1350	860	Time
485	1350	865	Time
480	1350	870	Time
475	1350	875	Time
470	1350	880	Time
465	1350	885	Time
460	1350	890	Time
455	1350	895	Time
450	1350	900	Time
445	1350	905	Time
440	1350	910	Time
435	1350	915	Time
430	1350	920	Time
425	1350	925	Time
420	1350	930	Time
415	1350	935	Time
410	1350	940	Time
405	1350	945	Time
400	1350	950	Time
395	1350	955	Time
390	1350	960	Time
385	1350	965	Time
380	1350	970	Time
375	1350	975	Time
370	1350	980	Time
365	1350	985	Time
360	1350	990	Time
355	1350	995	Time
350	1350	1000	Time

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 "struck" or left in the well, give the 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, give date, size and location. If the well has been bailed, give date, size, position, and results of pumping.

DST #1 1,770-770, foot open 4 1/2 hrs. Gas to surface in 9 minutes. Recovered 800' free gas, 10' gas cut mud, no indication of water.

Perforations: 770-770 with 4 shots per foot. Acidized perforations with 5000 Gallons regular acid.

INTENSIVE WATER PUMPING
No. 1 from 770-770
No. 2 from 770-770
No. 3 from 770-770

ONE GAS SAND OR MORE
(Name and depth)
No. 1 from 770-770
No. 2 from 770-770
No. 3 from 770-770

Comments on the well is not to be made on the well or its location. (Name and depth)
No. 1 from 770-770
No. 2 from 770-770
No. 3 from 770-770

Location is not to be made on the well or its location. (Name and depth)
No. 1 from 770-770
No. 2 from 770-770
No. 3 from 770-770

Comments on the well is not to be made on the well or its location. (Name and depth)
No. 1 from 770-770
No. 2 from 770-770
No. 3 from 770-770

Location is not to be made on the well or its location. (Name and depth)
No. 1 from 770-770
No. 2 from 770-770
No. 3 from 770-770

Comments on the well is not to be made on the well or its location. (Name and depth)
No. 1 from 770-770
No. 2 from 770-770
No. 3 from 770-770

Location is not to be made on the well or its location. (Name and depth)
No. 1 from 770-770
No. 2 from 770-770
No. 3 from 770-770

Comments on the well is not to be made on the well or its location. (Name and depth)
No. 1 from 770-770
No. 2 from 770-770
No. 3 from 770-770