

				2		

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

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

Magnolia Petroleum Company
(Company or Operator)

Lightcap Land Company
(Lease)

Well No. 2, in NW 1/4 of NE 1/4, of Sec. 25, T. 7S, R. 29E, NMPM.
Undesignated Pool, Chaves County.
Well is 660 feet from North line and 1980 feet from East line
of Section 25. If State Land the Oil and Gas Lease No. is
Drilling Commenced 9-22, 1958. Drilling was Completed 12-10, 1958
Name of Drilling Contractor Lowe Drilling Company
Address Midland, Texas
Elevation above sea level at Top of Tubing Head 4113'. The information given is to be kept confidential until
, 19

OIL SANDS OR ZONES

No. 1, from - 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
13 3/8"	48	New	413				Surface String
8 5/8"	24 & 32	New	3380			157-75(plugged)	Intermediate 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
17 1/2"	13 3/8"	413	400	Pump & Plug		
11"	8 5/8"	3380	200	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

See Attached Sheet

Result of Production Stimulation

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 8285 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing **Plugged & Abandoned** 12-30-58 / 19.

OIL WELL: The production during the first 24 hours was barrels of liquid of which % 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. 940	T. Devonian. 7924	T. Ojo Alamo.
T. Salt.	T. Silurian.	T. Kirtland-Fruitland.
B. Salt.	T. Montoya.	T. Farmington.
T. Yates. 1243	T. Simpson.	T. Pictured Cliffs.
T. 7 Rivers.	T. McKee.	T. Menefee.
T. Queen. 1866	T. Ellenburger.	T. Point Lookout.
T. Grayburg.	T. Gr. Wash.	T. Mancos.
T. San Andres. 2320	T. Granite.	T. Dakota.
T. Glorieta. 3533	T.	T. Morrison.
T. Drinkard.	T.	T. Penn.
T. Tubbs.	T.	T.
T. Abo. 5776	T.	T.
Permian Penn. 6550	T.	T.
T. Miss. 7383	T.	T.
T. Woodford 7787	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	71	71	Surface rock	7411	7462	51	Lime
71	317	246	Surface rock & red bed	7462	7533	71	Lime & Chert
317	870	553	Red Bed	7533	7693	160	Lime
870	1080	210	Red Bed & Anhydrite	7693	7765	72	Lime & Chert
1080	1370	290	Red Bed, Anhydrite & Salt	7765	7919	154	Lime
1370	1783	413	Salt & Anhydrite	7919	8100	181	Dolomite
1783	2323	540	Anhydrite	8100	8285	185	Lime
2323	2443	120	Anhydrite & Shale				
2443	2830	387	Anhydrite				
2830	2975	145	Anhydrite & Lime				
2975	3225	250	Lime				
3225	3340	115	Lime & Anhydrite				
3340	5910	2570	Lime				
5910	6170	260	Shale				
6170	6238	68	Lime & Shale				
6238	6327	89	Shale				
6327	6394	67	Lime & Shale				
6394	6421	27	Shale				
6421	6517	96	Lime & Shale				
6517	7217	700	Lime				
7217	7275	58	Lime & Shale				
7275	7291	16	Lime				
7291	7331	40	Lime & Shale				
7331	7389	58	Lime				
7389	7411	22	Lime & Chert				

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 **Magnolia Petroleum Company**
Name

W. Young, Jr. (Date)
Address **Box 2106, Hobbs, New Mexico**
Position or Title **District Superintendent**

DRILL STEM TESTS

NO.	DATE	FROM	TO	NO. KIND & SIZE OF PERFORATIONS (OR OPEN HOLE)	TOOL SET @	CHOKES		WATER CUSHION	TIME TESTED
						TOP	BOTTOM		
1	10-3-58	2989	3070	Open Hole	2989	5/8"	1"	None	1 hr. 10 mins.
San Andres. NTS. Open w/weak blow, died in 35 mins. Rec. 20' drlg. mud, no shows. SFP 0#, BHFP 105-105#, 30 min. SIP 140#, HH 1850-1850#.									
2	10-30-58	6470	6522	Open Hole	6470	5/8"	1"	None	1 1/2 hrs.
Basal Abo. Weak blow air, increasing to fair throughout test. NTS. Rec. 360' very slight gas out drlg. mud. SFP 0#, BHFP 200-225#. 30 min. SIP 620#. HH 3615-3520#. BH temp. 122°.									
3	11-14-58	7416	7436	Woodford. Pkr. failed immediately.					
4	11-14-58	7398	7436	Open Hole	7398	5/8"	1"	None	1 1/2 hrs.
Woodford. NTS. Open w/weak blow increasing to fair throughout test. Rec. 100' slight gas out drlg. mud. SFP 0#, BHFP 45-57#. 30 min. SIP 440#, HH 4085-3955.									
5	12-1-58	7909	7929	Open Hole	7909	5/8"	1"	None	2 hrs.
Devonian. NTS. Weak blow air throughout. Rec. 600' salty sulphur water. SFP 0#, BHFP 95-370#, 30 min. SIP 2732#, HH 4235 in & out.									
6	12-4-58	7982	8002	Open Hole	7982	5/8"	1"	None	2 hrs.
NTS. Weak blow air throughout. Rec. 180' slight salt water drlg. mud + 450 BSW. SFP 0#, BHFP 25#-0#, 30 min. SI 2730#, HH 4140-4115.									
7	12-9-58	8182	8219	Open Hole	8182	5/8"	1"	None	2 hrs.
NTS. Weak blow, increase to strong blow 5 min., to medium blow 1 hr. 20 mins. to end (35 mins). Rec. 4730' salty sulphur water. SFP 0#, BHFP 65-2280#, 30 min. SI BHP 3140#, HH 4380#-4350#.									

PERFORATING AND SQUEEZE RECORD

PERFORATIONS				
FROM	TO	NO.	SIZE	KIND
3157	3175	72	1/2"	Jet Frontier (spotted 90 sk. plug 3200-2900)

TOTCO DEVIATION SURVEY

Depth	Off Vertical	Depth	Off Vertical	Depth	Off Vertical
200	1	3815	1/4	6521	1 1/2
615	1/4	4077	3/4	6572	1 3/4
830	1/2	4247	3/4	6682	1 3/4
1049	1	4347	3/4	6899	2
1480	1 1/4	4472	1/4	6945	1 3/4
1670	1 1/2	4642	3/4	7014	1 1/4
1870	1 1/4	4802	1	7100	1 3/4
2100	3/4	4959	3/4	7275	1 1/4
2183	1	5114	3/4	7341	1 1/4
2447	1/2	5210	1	7389	1 1/4
2700	1/2	5990	1/4	7472	1
2982	1/2	5674	3/4	7661	3/4
3122	1/2	5910	1/2	7708	1
3174	1/4	6119	3/4	7775	1 1/2
3380	1/4	6257	3/4	7820	1 1/2
3566	1	6421	1	8163	3 1/4

WELL TESTS

NO.	DATE	FROM	TO	NO. KIND & SIZE OF PERFORATIONS (OR OPEN HOLE)	TOOL SET @	CHUCK TOP	WATER CUSHION	TIME TESTED
1	10-3-38	2889	3070	Open Hole	2889	1 1/8"	None	1 hr. 10 mins
San Andres. WTS. Open w/weak flow, died in 35 mins. Rec. 20' drif. mud, no shows. SEP ON, SEP 10-1084, 30 min. SIP 1100, IN 1850-1850.								
2	10-30-38	6170	6222	Open Hole	6170	2 1/8"	None	1 1/2 hrs.
Basal Abol. Weak flow air, increasing to fair throughout test. WTS. Rec. 350' very slight gas cut drif. mud. SEP ON, HWP 200-2250. 30 min. SIP 6200. IN 3615-3520. 81 temp. 122°.								
3	11-11-38	4136	4136	Woodford. 1200. failed immediately.				
4	11-11-38	4136	4136	Open Hole	4136	1 1/8"	None	1 1/2 hrs.
Woodford. WTS. Open w/weak flow increasing to fair throughout test. Rec. 100' slight gas cut drif. mud. SEP ON, SEP 11-1100, 30 min. SIP 4136, IN 1085-1085.								
5	12-1-38	4136	4136	Open Hole	4136	1 1/8"	None	2 hrs.
Devonian. WTS. Weak flow air throughout. Rec. 600' solid carboniferous water. SEP ON, SEP 95-1100, 30 min. SIP 4136, IN 1235-1235 out.								
6	12-1-38	4136	4136	Open Hole	4136	1 1/8"	None	2 hrs.
WTS. Weak flow air throughout. Rec. 1100' slight gas cut drif. mud + 1100' WTS. SEP ON, SEP 12-1-38, 30 min. SIP 4136, IN 1100-1100.								
7	12-9-38	6136	6136	Open Hole	6136	1 1/8"	None	2 hrs.
WTS. Weak flow, increase to average flow 2 min., no change flow 1 hr. 20 mins. to end (35 min.). Rec. 1130' solid carboniferous water. SEP ON, SEP 12-9-38, 30 min. SIP 6136, IN 1880-1880.								

PERFORATIONS

FROM	TO	NO.	TIME
3075	3115	VS	1 hr.
Gas Perforation Reported to be 1100' 3000-3000			

WELL TESTS

Depth	Off Vertical	Depth	Off Vertical	Depth	Off Vertical
3000	1	3015	1 1/8"	3030	1 1/8"
3015	1 1/8"	3030	1 1/8"	3045	1 1/8"
3030	1 1/8"	3045	1 1/8"	3060	1 1/8"
3045	1 1/8"	3060	1 1/8"	3075	1 1/8"
3060	1 1/8"	3075	1 1/8"	3090	1 1/8"
3075	1 1/8"	3090	1 1/8"	3105	1 1/8"
3090	1 1/8"	3105	1 1/8"	3120	1 1/8"
3105	1 1/8"	3120	1 1/8"	3135	1 1/8"
3120	1 1/8"	3135	1 1/8"	3150	1 1/8"
3135	1 1/8"	3150	1 1/8"	3165	1 1/8"
3150	1 1/8"	3165	1 1/8"	3180	1 1/8"
3165	1 1/8"	3180	1 1/8"	3195	1 1/8"
3180	1 1/8"	3195	1 1/8"	3210	1 1/8"
3195	1 1/8"	3210	1 1/8"	3225	1 1/8"
3210	1 1/8"	3225	1 1/8"	3240	1 1/8"
3225	1 1/8"	3240	1 1/8"	3255	1 1/8"
3240	1 1/8"	3255	1 1/8"	3270	1 1/8"
3255	1 1/8"	3270	1 1/8"	3285	1 1/8"
3270	1 1/8"	3285	1 1/8"	3300	1 1/8"
3285	1 1/8"	3300	1 1/8"	3315	1 1/8"
3300	1 1/8"	3315	1 1/8"	3330	1 1/8"
3315	1 1/8"	3330	1 1/8"	3345	1 1/8"
3330	1 1/8"	3345	1 1/8"	3360	1 1/8"
3345	1 1/8"	3360	1 1/8"	3375	1 1/8"
3360	1 1/8"	3375	1 1/8"	3390	1 1/8"
3375	1 1/8"	3390	1 1/8"	3405	1 1/8"
3390	1 1/8"	3405	1 1/8"	3420	1 1/8"
3405	1 1/8"	3420	1 1/8"	3435	1 1/8"
3420	1 1/8"	3435	1 1/8"	3450	1 1/8"
3435	1 1/8"	3450	1 1/8"	3465	1 1/8"
3450	1 1/8"	3465	1 1/8"	3480	1 1/8"
3465	1 1/8"	3480	1 1/8"	3495	1 1/8"
3480	1 1/8"	3495	1 1/8"	3510	1 1/8"
3495	1 1/8"	3510	1 1/8"	3525	1 1/8"
3510	1 1/8"	3525	1 1/8"	3540	1 1/8"
3525	1 1/8"	3540	1 1/8"	3555	1 1/8"
3540	1 1/8"	3555	1 1/8"	3570	1 1/8"
3555	1 1/8"	3570	1 1/8"	3585	1 1/8"
3570	1 1/8"	3585	1 1/8"	3600	1 1/8"
3585	1 1/8"	3600	1 1/8"	3615	1 1/8"
3600	1 1/8"	3615	1 1/8"	3630	1 1/8"
3615	1 1/8"	3630	1 1/8"	3645	1 1/8"
3630	1 1/8"	3645	1 1/8"	3660	1 1/8"
3645	1 1/8"	3660	1 1/8"	3675	1 1/8"
3660	1 1/8"	3675	1 1/8"	3690	1 1/8"
3675	1 1/8"	3690	1 1/8"	3705	1 1/8"
3690	1 1/8"	3705	1 1/8"	3720	1 1/8"
3705	1 1/8"	3720	1 1/8"	3735	1 1/8"
3720	1 1/8"	3735	1 1/8"	3750	1 1/8"
3735	1 1/8"	3750	1 1/8"	3765	1 1/8"
3750	1 1/8"	3765	1 1/8"	3780	1 1/8"
3765	1 1/8"	3780	1 1/8"	3795	1 1/8"
3780	1 1/8"	3795	1 1/8"	3810	1 1/8"
3795	1 1/8"	3810	1 1/8"	3825	1 1/8"
3810	1 1/8"	3825	1 1/8"	3840	1 1/8"
3825	1 1/8"	3840	1 1/8"	3855	1 1/8"
3840	1 1/8"	3855	1 1/8"	3870	1 1/8"
3855	1 1/8"	3870	1 1/8"	3885	1 1/8"
3870	1 1/8"	3885	1 1/8"	3900	1 1/8"
3885	1 1/8"	3900	1 1/8"	3915	1 1/8"
3900	1 1/8"	3915	1 1/8"	3930	1 1/8"
3915	1 1/8"	3930	1 1/8"	3945	1 1/8"
3930	1 1/8"	3945	1 1/8"	3960	1 1/8"
3945	1 1/8"	3960	1 1/8"	3975	1 1/8"
3960	1 1/8"	3975	1 1/8"	3990	1 1/8"
3975	1 1/8"	3990	1 1/8"	4005	1 1/8"
3990	1 1/8"	4005	1 1/8"	4020	1 1/8"
4005	1 1/8"	4020	1 1/8"	4035	1 1/8"
4020	1 1/8"	4035	1 1/8"	4050	1 1/8"
4035	1 1/8"	4050	1 1/8"	4065	1 1/8"
4050	1 1/8"	4065	1 1/8"	4080	1 1/8"
4065	1 1/8"	4080	1 1/8"	4095	1 1/8"
4080	1 1/8"	4095	1 1/8"	4110	1 1/8"
4095	1 1/8"	4110	1 1/8"	4125	1 1/8"
4110	1 1/8"	4125	1 1/8"	4140	1 1/8"
4125	1 1/8"	4140	1 1/8"	4155	1 1/8"
4140	1 1/8"	4155	1 1/8"	4170	1 1/8"
4155	1 1/8"	4170	1 1/8"	4185	1 1/8"
4170	1 1/8"	4185	1 1/8"	4200	1 1/8"
4185	1 1/8"	4200	1 1/8"	4215	1 1/8"
4200	1 1/8"	4215	1 1/8"	4230	1 1/8"
4215	1 1/8"	4230	1 1/8"	4245	1 1/8"
4230	1 1/8"	4245	1 1/8"	4260	1 1/8"
4245	1 1/8"	4260	1 1/8"	4275	1 1/8"
4260	1 1/8"	4275	1 1/8"	4290	1 1/8"
4275	1 1/8"	4290	1 1/8"	4305	1 1/8"
4290	1 1/8"	4305	1 1/8"	4320	1 1/8"
4305	1 1/8"	4320	1 1/8"	4335	1 1/8"
4320	1 1/8"	4335	1 1/8"	4350	1 1/8"
4335	1 1/8"	4350	1 1/8"	4365	1 1/8"
4350	1 1/8"	4365	1 1/8"	4380	1 1/8"
4365	1 1/8"	4380	1 1/8"	4395	1 1/8"
4380	1 1/8"	4395	1 1/8"	4410	1 1/8"
4395	1 1/8"	4410	1 1/8"	4425	1 1/8"
4410	1 1/8"	4425	1 1/8"	4440	1 1/8"
4425	1 1/8"	4440	1 1/8"	4455	1 1/8"
4440	1 1/8"	4455	1 1/8"	4470	1 1/8"
4455	1 1/8"	4470	1 1/8"	4485	1 1/8"
4470	1 1/8"	4485	1 1/8"	4500	1 1/8"
4485	1 1/8"	4500	1 1/8"	4515	1 1/8"
4500	1 1/8"	4515	1 1/8"	4530	1 1/8"
4515	1 1/8"	4530	1 1/8"	4545	1 1/8"
4530	1 1/8"	4545	1 1/8"	4560	1 1/8"
4545	1 1/8"	4560	1 1/8"	4575	1 1/8"
4560	1 1/8"	4575	1 1/8"	4590	1 1/8"
4575	1 1/8"	4590	1 1/8"	4605	1 1/8"
4590	1 1/8"	4605	1 1/8"	4620	1 1/8"
4605	1 1/8"	4620	1 1/8"	4635	1 1/8"
4620	1 1/8"	4635	1 1/8"	4650	1 1/8"
4635	1 1/8"	4650	1 1/8"	4665	1 1/8"
4650	1 1/8"	4665	1 1/8"	4680	1 1/8"
4665	1 1/8"	4680	1 1/8"	4695	1 1/8"
4680	1 1/8"	4695	1 1/8"	4710	1 1/8"
4695	1 1/8"	4710	1 1/8"	4725	1 1/8"
4710	1 1/8"	4725	1 1/8"	4740	1 1/8"
4725	1 1/8"	4740	1 1/8"	4755	1 1/8"
4740	1 1/8"	4755	1 1/8"	4770	1 1/8"
4755	1 1/8"	4770	1 1/8"	4785	1 1/8"
4770	1 1/8"	4785	1 1/8"	4800	1 1/8"
4785	1 1/8"	4800	1 1/8"	4815	1 1/8"
4800	1 1/8"	4815	1 1/8"	4830	1 1/8"
4815	1 1/8"	4830	1 1/8"	4845	1 1/8"
4830	1 1/8"	4845	1 1/8"	4860	1 1/8"
4845	1 1/8"	4860	1 1/8"	4875	1 1/8"
4860	1 1/8"	4875	1 1/8"	4890	1 1/8"
4875	1 1/8"	4890	1 1/8"	4905	1 1/8"
4890	1 1/8"	4905	1 1/8"	4920	1 1/8"
4905	1 1/8"	4920	1 1/8"	4935	1 1/8"
4920	1 1/8"	4935	1 1/8"	4950	1 1/8"
4935	1 1/8"	4950	1 1/8"	4965	1 1/8"
4950	1 1/8"	4965	1 1/8"	4980	1 1/8"
4965	1 1/8"	4980	1 1/8"	4995	1 1/8"
4980	1 1/8"	4995	1 1/8"	5010	1 1/8"
4995	1 1/8"	5010	1 1/8"	5025	1 1/8"
5010	1 1/8"	5025	1 1/8"	5040	1 1/8"
5025	1 1/8"	5040	1 1/8"	5055	1 1/8"
5040	1 1/8"	5055	1 1/8"	5070	1 1/8"
5055	1 1/8"	5070	1 1/8"	5085	1 1/8"
5070	1 1/8"	5085	1 1/8"	5100	1 1/8"
5085	1 1/8"	5100	1 1/8"	5115	1 1/8"
5100	1 1/8"	5115	1 1/8"	5130	1 1/8"
5115	1 1/8"	5130	1 1/8"	5145	1 1/8"
5130	1 1/8"	5145	1 1/8"	5160	1 1/8"
5145	1 1/8"	5160	1 1/8"	5175	1 1/8"
5160	1 1/8"	5175	1 1/8"	5190	1 1/8"
5175	1 1/8"	5190	1 1/8"	5205	1 1/8"
5190	1 1/8"	5205	1 1/8"	5220	1 1/8"
5205	1 1/8"	5220	1 1/8"	5235	1 1/8"
5220	1 1/8"	5235	1 1/8"	5250	1 1/8"
5235	1 1/8"	5250	1 1/8"	5265	1 1/8"
5250	1 1/8"	5265	1 1/8"	5280	1 1/8"
5265	1 1/8"	5280	1 1/8"	5295	1 1/8"
5280	1 1/8"	5295	1 1/8"	5310	1 1/8"
5295	1 1/8"	5310	1 1/8"	5325	1 1/8"
5310	1 1/8"	5325	1 1/8"	5340	1 1/8"
5325	1 1/8"	5340	1 1/8"	5355	1 1/8"
5340	1 1/8"	5355	1 1/8"	5370	1 1/8"
5355	1 1/8"	5370	1 1/8"	5385	1 1/8"
5370	1 1/8"	5385	1 1/8"	5400	1 1/8"
5385	1 1/8"	5400	1 1/8"	5415	1 1/8"
5400	1 1/8"	5415	1 1/8"	5430	1 1/8"
5415	1 1/8"	5430	1 1/8"	5445	1 1/8"
5430	1 1/8"	5445	1 1/8"	5460	1 1/

ATTACHMENT #2 - Well Record
Lightcap Land Co. #2

CORE RECORD

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Rec.</u>	<u>Description</u>
1	2982	3018	36'	San Andres. 2982-2993, dolo. fine XLN brown w/thin shale partings, slight bleeding oil & gas from thin scattered streaks. Poor show. 2993-2994 dolo, fine XLN brown fair pp & vuggy pero., good stain, bleeding oil & gas, fair show. 2994-2999 dolo, brown fine XLN w/thin shale partings, slight bleeding oil & gas from thin scattered streaks. Poor show. 2999-3018 dolo., fine to med XLN tan to brown fair pp & small vuggy pero., bleeding oil & gas throughout, fair show.
2	3018	3070	51'	Dolo., shale & anhydrite. 3018-3022 dolo, brown to tan w/shaley streaks, bleeding oil & gas, very tight, poor show. 3022-3024, black shale, no shows. 3024-3025, shale & anhy, no shows. 3025-3059 gray & white anhy, no shows. 3059-3069 brown dolo., bleeding oil & gas & SW along fractures. Poor show. 3069-3070 lost.
3	3070	3122	52'	Brown dolo w/XLN pero, some pp & small vuggy pero w/scattered fractured zones, bleeding oil & gas thruout most of core, fair show.
4	3122	3174	52'	3122-3124 dolo. w/fair pero., bleeding oil & gas. 3124-3139. dolo w/trace pero., scattered bleeding oil & gas. 3139-3154 - anhydrite w/streaks dolo., some fractures, no shows. 3154-3174 dolo., some fractures clear pero, good stain, good bleeding oil & gas.
5	3174	3225	51'	3174-3192 - dolo & lime inter bedded w/trace pero., bleeding oil & gas, poor show. 3192-3225 lime w/scattered trace pero. bleeding oil & gas, bottom 18' bleeding SW, poor show.
6	7436	7456	17½'	Limestone, no shows.
7	7726	7750	24'	Lime. No shows. 7726-7748 black dense lime, no shows. 7748-7750 gray lime, bottom 3" black, no shows.
8	7820	7826	6'	Very fine granular limestone w/small amount of chert. NS.
9	7826	7850	24'	7826-7827 gray shale. 7827-7850 gray-tan limestone, NS.
10	7850	7875	25'	Gray lime & dolomite. 7850-7859 dark gray lime, NS. 7859-7875 dark dolomite, NS.
11	7919	7929	4½'	Dolomite. 7919-7923 dolomite, fine to medium XLN tan to brown w/vert frac, trace inner XLN & small vuggy pero, fair stain & cut, poor spotty fluer, poor show. 7923-7923½ dolomite, fine to med. XLN brown w/ind. of green gray shale pyritis, no show, bottom 5' missing.
12	7929	7939	5'	Dolomite, no shows.
13	8090	8100	10'	Dolomite, no shows.

ACIDIZING OR OTHER COMPLETION OPERATIONS

- 12-17-58 Western acid perf 3157-3175 w/1500 gals 15% + 3# CaCl_2 /gals. 4500#, TP 3400-2200, flush @ 2500#, av. inj. 9/10/BPM, 5 min. SI 2400#. Swab 13 BLO (all) + 12 BAW + emulsion 2½ hrs. 10%-34% emulsion. Swab dry 15 hrs.
- 12-18-58 Western re-acid perf 3157-3175 w/4500 gals 15% w/3# CaCl_2 per gal. 13,500#, TP 2400-2200#, 2600# on flush, av. inj. 1.6 BPM, 5 min. SI 2400#. Flow 13 BLO (all) + 7 BAW 30 mins. Swab 38 BAW 15 hrs.
- 12-22-58 Western sand oil frac perf 3157-3175 (San Andres) w/10,000 gals lease crude + 10,000# sand, down 3" tbg., BDP 5000#, 15 BPM, TP 5500# (2 small breaks of 100# each). Inj. rate 17 BPM. Flush rate 16 BPM 5500-5400, SD press. 2600#, 5 min. SIP 2450#, SI 12 hrs., TP 2600-450, open & flowed 8 BLO 30 mins. & died. 12/64" choke, TP 450-0. Swab 93 BLO in 7½ hrs.

COPIES DESTROYED

No.	From	To	Rec.	Description
1	2982	3003	301	San Andreas. 2982-2993, dol. Fine X10 brown w/ thin white partings, slight bleaching, all gas from thin scattered streaks. Poor show. 2993-3003, fine X10 brown fair to good, fair show. 2994-2999, good show, bleeding all gas, fair show. 3000-3003, dol. brown to tan X10 w/ thin white partings, slight bleaching all gas from thin scattered streaks. Poor show. 3000-3003, dol. fine to med X10 tan to brown fair to small vuggy pores, bleeding all gas throughout, fair show.
2	3013	3070	311	Dol. shale & sandstone. 3013-3023, dol. brown to tan w/ shale streaks, bleeding all gas, very slight, poor show. 3024-3028, black shale, no show. 3029-3032, shale & sand, no show. 3033-3039, very vuggy dol. no show. 3040-3049, brown dol. bleeding all gas & vuggy limestone. Poor show. 3050-3070, lost.
3	3071	3132	312	Brown dol. w/ X10 pores, vuggy & small vuggy pores w/ scattered limestone nodules, bleeding all gas throughout most of core, fair show.
4	3133	3171	313	3133-3134, dol. vuggy pores, bleeding all gas. 3135-3139, dol. w/ trace pores, scattered bleeding all gas. 3140-3149, sandstone w/ limestone dol. some fractures, no show. 3150-3171, dol. some fractures clear pores, good show, good bleeding all gas.
5	3172	3223	314	3172-3173, dol. fine to med brown bedded w/ trace pores, bleeding all gas, poor show. 3174-3223, fine w/ scattered trace pores, bleeding all gas, better, fair bleeding, poor show.
6	3224	3243	315	Limestone, no show.
7	3244	3253	316	3244-3253, dol. & shale, black to tan, no show. 3254-3259, gray lime, bottom 10' black, no show.
8	3254	3263	317	3254-3263, limestone (shale) mostly no show. 3264-3269, dol. & shale, fine to med, fair to good, fair show.
9	3264	3273	318	3264-3273, dol. & shale, fine to med, fair to good, fair show.
10	3274	3283	319	3274-3283, dol. & shale, fine to med, fair to good, fair show.
11	3284	3293	320	3284-3293, dol. & shale, fine to med, fair to good, fair show.
12	3294	3303	321	3294-3303, dol. & shale, fine to med, fair to good, fair show.
13	3304	3313	322	3304-3313, dol. & shale, fine to med, fair to good, fair show.
14	3314	3323	323	3314-3323, dol. & shale, fine to med, fair to good, fair show.
15	3324	3333	324	3324-3333, dol. & shale, fine to med, fair to good, fair show.
16	3334	3343	325	3334-3343, dol. & shale, fine to med, fair to good, fair show.
17	3344	3353	326	3344-3353, dol. & shale, fine to med, fair to good, fair show.
18	3354	3363	327	3354-3363, dol. & shale, fine to med, fair to good, fair show.
19	3364	3373	328	3364-3373, dol. & shale, fine to med, fair to good, fair show.
20	3374	3383	329	3374-3383, dol. & shale, fine to med, fair to good, fair show.
21	3384	3393	330	3384-3393, dol. & shale, fine to med, fair to good, fair show.
22	3394	3403	331	3394-3403, dol. & shale, fine to med, fair to good, fair show.
23	3404	3413	332	3404-3413, dol. & shale, fine to med, fair to good, fair show.
24	3414	3423	333	3414-3423, dol. & shale, fine to med, fair to good, fair show.
25	3424	3433	334	3424-3433, dol. & shale, fine to med, fair to good, fair show.
26	3434	3443	335	3434-3443, dol. & shale, fine to med, fair to good, fair show.
27	3444	3453	336	3444-3453, dol. & shale, fine to med, fair to good, fair show.
28	3454	3463	337	3454-3463, dol. & shale, fine to med, fair to good, fair show.
29	3464	3473	338	3464-3473, dol. & shale, fine to med, fair to good, fair show.
30	3474	3483	339	3474-3483, dol. & shale, fine to med, fair to good, fair show.
31	3484	3493	340	3484-3493, dol. & shale, fine to med, fair to good, fair show.
32	3494	3503	341	3494-3503, dol. & shale, fine to med, fair to good, fair show.
33	3504	3513	342	3504-3513, dol. & shale, fine to med, fair to good, fair show.
34	3514	3523	343	3514-3523, dol. & shale, fine to med, fair to good, fair show.
35	3524	3533	344	3524-3533, dol. & shale, fine to med, fair to good, fair show.
36	3534	3543	345	3534-3543, dol. & shale, fine to med, fair to good, fair show.
37	3544	3553	346	3544-3553, dol. & shale, fine to med, fair to good, fair show.
38	3554	3563	347	3554-3563, dol. & shale, fine to med, fair to good, fair show.
39	3564	3573	348	3564-3573, dol. & shale, fine to med, fair to good, fair show.
40	3574	3583	349	3574-3583, dol. & shale, fine to med, fair to good, fair show.
41	3584	3593	350	3584-3593, dol. & shale, fine to med, fair to good, fair show.
42	3594	3603	351	3594-3603, dol. & shale, fine to med, fair to good, fair show.
43	3604	3613	352	3604-3613, dol. & shale, fine to med, fair to good, fair show.
44	3614	3623	353	3614-3623, dol. & shale, fine to med, fair to good, fair show.
45	3624	3633	354	3624-3633, dol. & shale, fine to med, fair to good, fair show.
46	3634	3643	355	3634-3643, dol. & shale, fine to med, fair to good, fair show.
47	3644	3653	356	3644-3653, dol. & shale, fine to med, fair to good, fair show.
48	3654	3663	357	3654-3663, dol. & shale, fine to med,

Author: WILLIAM SHAW Title: PROFESSOR

Western send all from West 317-318 (Don Anderson) 4/10, 1960 (see leave crude
+ 10,000 sand, down 3' top, 100% 100%, 100% 100% (small pieces of
100% each). Int. rate 10 BPH. Flush rate 10 BPH. 2500 ft.
min. SWP. ST 12 hrs., to 2500-1000, open & closed 8 min. 30 min. & died.
12/60" choke, at 150-0. Swap 93 HFO in 15 hrs.