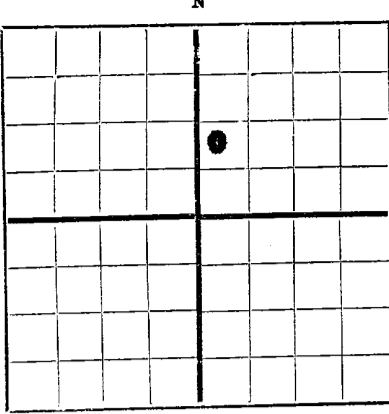


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JRM C-105

Oil Cons. Comm.

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Malco Refineries, Inc. & Reeler Oil Company, 311 Carper Building, Artesia, New Mexico
Company or Operator Address

Morris State Well No. **1** in **N. 22 E.** of Sec. **22**, T. **18 S.**
Lease

R. **28 E.**, N. M. P. M. **Artesia** Field, **Eddy** County.

Well is **1650** feet south of the North line and **2310** feet west of the East line of **Section 22**

If State land the oil and gas lease is No. **B-5581** Assignment No. **1**

If patented land the owner is..... Address.....
If Government land the permittee is..... Address.....
The Lessee is..... Address.....

Drilling commenced **March 9** 19 **50** Drilling was completed **August 9** 19 **50**

Name of drilling contractor **S. P. Yates Drilling Co.** Address **Artesia, New Mexico**

Elevation above sea level at top of casing..... feet.

The information given is to be kept confidential until..... 19.....

OIL SANDS OR ZONES

No. 1, from **4425'** to **4440'** No. 4, from..... to **Water ran to 150' of top of hole in 8 hours**

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 **4425'** to **4440'** feet. **Water ran to 105' of top of hole in 8 hours.**

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

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

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

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
8 5/8"	24#	8	SH	503'	Guide	Pulled approximately 300'			
7"	20#	8	J&L	2291'	Guide	Pulled approximately 1500'			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
10 3/4"	8 5/8"	503'	50	Halliburton		
8"	7"	2291'	50	Halliburton		50 sacks

PLUGS AND ADAPTERS

Heaving plug—Material **Cement** Length **10 sacks** Depth Set **4400', 2200' & 500'**

Adapters — Material..... Size.....

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

Results of shooting or chemical treatment.....

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..... feet to..... feet, and from..... feet to..... feet

Cable tools were used from **0** feet to **T.D. 4478'** feet, and from..... feet to..... feet

PRODUCTION

Put to producing **well shut in and abandoned August 9, 1950**

The production of the first 24 hours was..... barrels of fluid of which.....% was oil;.....% emulsion;.....% water; and.....% sediment. Gravity, Be.....

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

Rock pressure, lbs. per sq. in.....

EMPLOYEES

T. D. Bradshaw..... Driller **W. J. Cluney**..... Driller

R. O. Jacobs..... Driller **H. S. Guinan**..... Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this **15th** day of **August**, 19 **50**

Place **Artesia, New Mexico** Date **August 15, 1950**

Name **Walter P. Allison**

Position **Geologist**

Representing **Malco Refineries, Inc., Reeler Oil Co.**
Company or Operator

Address **311 Carper Building, Artesia, New Mexico**

My Commission expires **March 7, 1954**

Notary Public

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION			
DRILLER'S LOG						
0	20		caliche			
20	85		red bed			
85	145		red rock			
145	270		red rock and shells			
270	355		red rock and anhydrite			
355	410		red bed and shells			
410	465		red rock and anhydrite			
465	503		anhydrite and salt			
503	620		salt			
620	800		anhydrite			
800	860		anhydrite and red rock			
860	910		anhydrite			
910	965		anhydrite and red rock			
965	1010		red bed and shells			
1010	1065		red rock and anhydrite			
1065	1125		anhydrite and shells			
1125	1780		anhydrite			
1780	1806		red sand			
1806	1810		anhydrite			
SAMPLE DESCRIPTION						
		% Dolo.	% Anhydrite	% shale	% sand	% chert
1747	1761		95	5 red		
1761	1782		80		20 red	
1782	1798				100 red f.q.g.	
1798	1845		100			
1845	1860		90		10 red	
1860	1874		95	5 red		
1874	1915		100			
1915	1930	70 pink	20	10 red		
1930	1942	70 pink sandy		10 red	20 red	
1942	1950		80		20 red	
1950	1964		80	10 red	10 red	
1964	1979		95	5 red		
1979	1995		100			
1995	2007		20		80 red	
2007	2038		80		20 red	
2038	2052		90		10 red	
2052	2069		100			
2069	2087		90		10 red	
2087	2100	100 buff f.x.				
2100	2115	40 buff f.x.	30		30 red	
2115	2130	90 pink f.x.			10 red	
2130	2146	90 buff f.x.			10 red	
2146	2193	100 buff f.x.				
2193	2205	100 buff sandy				
2205	2225	100 buff oolitic, no porosity, some oil stain				
2225	2245	10 buff sandy			90 grey pay sand	slight stain
2245	2273	100 buff f.x.		carried lot of water		
2273	2281	95 buff f.x.		5 green		
2281	2288	15 buff f.x.		85 green		
2288	2308	100 buff sandy				
2308	2330	100 buff f.x.				
2330	2345	80 buff f.x.			20 grey silty	
2345	2355	80 buff f.x.				
2355	2373	20 buff sandy				
2373	2388	100 buff f.x.			10 grey tight silty	
2388	2403	90 buff f.x.		5 red		
2403	2415	95 buff f.x.			30 grey tight some oil/staining	
2415	2428	70 buff f.x.				
2428	2460	100 buff sandy				
2460	2472	100 buff f.x.				
2472	2480	20 buff f.x.				
2480	2484	75 red sandy		5 red		
2484	2500	95 red sandy		5 red		
2500	2510	95 light pink f.x.		5 red		
2510	2519	90 light pink f.x.		10 red		
		60 light pink E.		30 red	10 red silty	
		10 white f.x.		70 red	15 red	
					5 grey	
2519	2530	20 white f.x.				
		60 pink f.x.		15 red	5 red	
2530	2541	100 white f.x.				
2541	2560	100 light buff f.x.				
2560	2575	100 white f.x.				
2575	2584	100 white f.x., 10% oil stained				
2584	2610	100 buff f.x.				
2610	2625	95 buff f.x.		5 grey		
2625	2659	100 buff f.x.				
2659	2674	100 grey very sandy				
2674	2690	100 buff f.x.				
2690	2700	95 buff f.x.		5 black		
2700	2708	100 tan f.x.				
2708	2754	100 buff f.x.				
2754	2768	98 buff f.x.			2 grey	
2768	2828	100 buff f.x.				
2828	2855	100 buff f.x.				
2855	2877	100 buff c.x.				
2877	2910	100 buff f.x.				
2910	2918	100 tan f.x.				
2918	2925	100 tan, anhydritic c.x. few oolites				
2925	2937	100 tan oolitic, slight porosity				
2937	2947	100 buff f.x.				
2947	2951	100 tan f.x.				
2951	2961	100 buff very oolitic, tightly cemented, no staining				
2961	2976	100 buff oolitic and very anhydritic, no staining				
2976	2991	100 light tan f.x.				
2991	3020	100 tan very oolitic anhydritic				
3020	3035	100 tan f.x.				
3035	3066	100 tan granular, some very oolitic				
3066	3077	100 brown c.x.				
3077	3102	100 brown f. x.				
3102	3114	100 tan f.x.				
3114	3130	100 brown c.x.				
3130	3148	100 tan f.x.				
3148	3158	100 buff finely granular				
3158	3166	no samples				
3166	3187	100 buff f.x.				
3187	3220	100 tan f.x.				
3220	3254	95 tan f.x.				5
3254	3269	100 tan f.x.				
3269	3300	100 tan c.x.				
3300	3308	no samples				
3308 to total depth of 4478' see attached sheet.						

Malco Refineries, Inc. & Resler Oil Company, Artesia, New Mexico.
 Lease Morris State Well No. 1, in NW SW NE of Section 22, Township 18 S, Range 28 E
 N.M.P.M. Artesia Field, Eddy County, Well is 1650' south of the North line and 2310'
 west of the East line of Section 22, Lease # is B8581 Assignment #1.

FROM	TO	% Dolo.	% Shale	% Chert
3308	3314	90 tan c.x.		10
3314	3325	no samples		5
3325	3335	95 tan c.x.		5
3335	3379	no samples		
3379	3385	100 tan f.x.		
3385	3414	90 tan f.x.		10
3414	3425	80 brown f.x.		20
3425	3435	100 tan f.x.		
3435	3456	80 tan f.x.		20
3456	3498	20 tan f.x.		80
3498	3515	70 brown f.x.		30
3515	3535	60 black f.x.		40
3535	3542	80 brown f.x.		20
3542	3560	100 dark grey sandy		
3560	3568	dark brown f.x. 90		10
3568	3589	70 black f.x.		30
3589	3618	80 tan f.x.		20
3618	3635	40 black f.x.		60
3635	3647	80 tan f.x.		20
3647	3662	90 tan c.x.		10
3662	3677	70 tan c.x.		30
3677	3686	80 black f.x.		20
3686	3693	40 black f.x.		60
3693	3720	80 black f.x.		20
3720	3736	60 buff f.x.		40
3736	3755	90 brown f.x.		10
3755	3762	50 brown f.x.		50
3762	3776	10 brown f.x.		90
3776	3792	80 brown f.x.		20
3792	3799	100 black f.x.		
3799	3820	90 tan flakey fossils		10 fossils
3820	3890	100 tan sub xylm		
3890	3900	90 tan sub xylm		10
3900	3908	70 brown	10 black	20
3908	3915	90 tan flakey fossils		10
3915	3925	100 tan flakey		
3925	3943	80 brown sub xylm	10 black	10
3943	3952	80 brown sub xylm fossils		20
3952	3964	100 tan sub xylm		
3964	3974	100 buff reefy fossils abundant		
3974	3980	100 buff reefy		
3980	3987			
3987	3995	100 buff granular fossils		
3995	4021	100 buff f.x., flakey fossils		
4021	4031	100 tan flakey f.x.		
4031	4045	90 grey to tan flakey fossils		10
4045	4057	60 tan flakey fossils		40
4057	4087	70 brown m.x.		30
4087	4109	%LIME 90 tan		10
4109	4128	20 tan		80
4128	4143	10 tan		90
4143	4150	90 black f.x.		10
4150	4163	30 black f.x.		70
4163	4181	80 black f.x.		20
4181	4186	80 brown f.x.		20
4186	4200	80 brown f.x.		20
4200	4206	20 brown f.x.		80
4206	4214	60 brown f.x.		40
4214	4228	80 tan f.x.		20
4228	4234	20 black f.x.		80
4234	4243	80 buff to white fossiliferous		20
4243	4250	95 buff to white fossiliferous	5 black	
4250	4265	100 tan fossiliferous		
4265	4277	80 brown flakey		20
4277	4285	80 brown c.x. fossiliferous		20
4285	4295	100 tan m.x.		
4295	4309	100 buff f.x. reefy		
4309	4317	80 tan f.x. fossiliferous		20
4317	4341	80 brown f.x.		20
4341	4350	60 brown granular		40
4351	to total depth	see attached sheet		

Continued from the continuation sheet from Form G-105

Malco Refineries, Inc. & Resler Oil Company, Artesia, New Mexico.

Lease Morris State Well No. 1, in NW SW NE of Section 22, Township 18 S, Range 28 E, N.M.P.M. Artesia Field, Eddy County, Well is 1650' south of the North Line and 2310' west of the East line of Section 22, Lease # is B 8581 Assignment #1.

FROM	TO	% LIME	% SHALE	% CHERT
4358	4358	30 brown granular		70
4358	4370	90 tan f.x.		10
4370	4380	100 tan f.x.		
4380	4384	90 tan f.x.		10
4384	4398	90 brown		10
4398	4404	30 brown f.x.		70
4404	4410	30 brown f.x.	10 black	60
4410	4416	20 brown f.x.		80
4416	4425	70 brown f.x.		30
4425	4430	100 brown f.x.		
4432	4440	90 brown f.x. - 10% yellow sulphy		4300' water in hole in 2 hours
4440	4448	100 brown granular finely ground		
4448	4463	80 brown granular		20
4463	4469	no samples		
4469	4475	60 brown granular		40
4475	4478	60 brown f.x.		40
TOTAL DEPTH		4478		