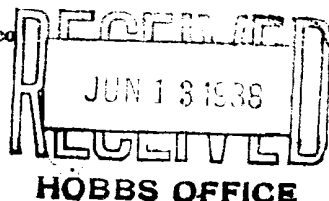


N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

DUPLICATE

Rapallo Oil Company Hobbs, New Mexico
Company or Operator Address

W. C. Ramey Well No. **4** in **NWSW** of Sec. **21**, T. **20S**
Lessee

R. **37E** N. M. P. M. **Sanico** Field, **Lea** County.
Well is **330' P/ West and 2310' P/ South Lines of 1/2 Sec. 21**
feet south of the North line and feet west of the East line of

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is Address.

If Government land the permittee is Address.

The Lessee is Address.

Drilling commenced **Sept. 4,** 19 **37** Drilling was completed **Oct. 9** 19 **37**

Name of drilling contractor **Loffland Bros.,** Address **Milisa, Okla.**

Elevation above sea level at top of casing **3517** feet.

The information given is to be kept confidential until 19

Very small show 3670-3850

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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
15" O	40%	8		202	none			
9 5/8" O	40%	8		1186	Flat			
7" O	24%	10		3626	Flat			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15 1/2"	13" O	220	300	Ballihorton		
11 1/2"	9 5/8"	1305	400	do		
9"	7" O	3636	300	do		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

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
		Nitroglycerin	285 lbs.	11/12/37	3700-3855	bottom
	Acid	Dowell "XX"	5000 lbs.	11/22/37	3645-3872	

Results of shooting or chemical treatment Very small show oil and lot of water

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 **3875** feet, and from feet to feet

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

PRODUCTION

Put to producing **NO** 19

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

Fred H. Gray Driller **Joe Christesson** Driller

C. H. Fielden Driller 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 **6th** **Hobbs, New Mexico** **June 6, 1938**
day of **June**, 19 **38** Name **Floyd Britt**
E. L. Orchard Notary Public Position **Production Foreman**
Representing **Rapallo Oil Company**
Company or Operator
Address **Hobbs, N.M.**

My Commission expires **2/4/42**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	60	60	Sand & shells
60	224	174	Sand & Red Bed
224	1130	906	Red Bed
1130	1240	110	Anhydrite
1240	1661	411	Salt & Anhydrite
1661	1977	326	Salt
1977	2440	463	Salt & Anhydrite
2440	2498	58	Anhydrite
2498	2664	166	Anhydrite & Lime
2664	3860	926	Lime
3860	3860	10	Sandy Lime
3860	3875	15	Lime

Cemented back From 3875 to 3860 4/ 25 sacks cement

DRILL STEM AND SPECIAL TESTS- W. C. Roach Well # 4

DRILL STEM TEST

N O N E

DEVIATION SURVEYS

1000 Feet	1/2 Degree From Vertical			
1250 "	1	"	"	"
1500 "	1/2	"	"	"
1615 "	1/2	"	"	"
1750 "	1/2	"	"	"
1900 "	1	"	"	"
2050 "	2	"	"	"
2140 "	1	"	"	"
2250 "	1	"	"	"
2400 "	1	"	"	"
2530 "	1	"	"	"
2600 "	1	"	"	"
2750 "	1/2	"	"	"
3000 "	1/2	"	"	"
3250 "	1/2	"	"	"

Figure 1. The effect of the concentration of the inhibitor on the rate of polymerization of α -methylstyrene in the presence of SnCl_4 at 25°C . The concentration of SnCl_4 was 1.0×10^{-2} mole/l. The concentration of α -methylstyrene was 0.5 mole/l. The concentration of the inhibitor was: (a) 0.001 mole/l. (b) 0.002 mole/l. (c) 0.004 mole/l. (d) 0.008 mole/l. (e) 0.016 mole/l. (f) 0.032 mole/l. (g) 0.064 mole/l. (h) 0.128 mole/l. (i) 0.256 mole/l. (j) 0.512 mole/l. (k) 1.024 mole/l. (l) 2.048 mole/l. (m) 4.096 mole/l. (n) 8.192 mole/l. (o) 16.384 mole/l. (p) 32.768 mole/l. (q) 65.536 mole/l. (r) 131.072 mole/l. (s) 262.144 mole/l. (t) 524.288 mole/l. (u) 1048.576 mole/l. (v) 2097.152 mole/l. (w) 4194.304 mole/l. (x) 8388.608 mole/l. (y) 16777.216 mole/l. (z) 33554.432 mole/l. (aa) 67108.864 mole/l. (ab) 134217.728 mole/l. (ac) 268435.456 mole/l. (ad) 536870.912 mole/l. (ae) 1073741.824 mole/l. (af) 2147483.648 mole/l. (ag) 4294967.296 mole/l. (ah) 8589934.592 mole/l. (ai) 17179869.184 mole/l. (aj) 34359738.368 mole/l. (ak) 68719476.736 mole/l. (al) 137438953.472 mole/l. (am) 274877906.944 mole/l. (an) 549755813.888 mole/l. (ao) 1099511627.776 mole/l. (ap) 2199023255.552 mole/l. (aq) 4398046511.104 mole/l. (ar) 8796093022.208 mole/l. (as) 17592186044.416 mole/l. (at) 35184372088.832 mole/l. (au) 70368744177.664 mole/l. (av) 140737488355.328 mole/l. (aw) 281474976710.656 mole/l. (ax) 562949953421.312 mole/l. (ay) 1125899906842.624 mole/l. (az) 2251799813685.248 mole/l. (ba) 4503599627370.496 mole/l. (bb) 9007199254740.992 mole/l. (bc) 18014398509481.984 mole/l. (bd) 36028797018963.968 mole/l. (be) 72057594037927.936 mole/l. (bf) 144115188075855.872 mole/l. (bg) 288230376151711.744 mole/l. (bh) 576460752303423.488 mole/l. (bi) 1152921504606846.976 mole/l. (bj) 2305843009213693.952 mole/l. (bk) 4611686018427387.904 mole/l. (bl) 9223372036854775.808 mole/l. (bm) 18446744073709551.616 mole/l. (bn) 36893488147419103.232 mole/l. (bo) 73786976294838206.464 mole/l. (bp) 147573952589676412.928 mole/l. (bq) 295147905179352825.856 mole/l. (br) 590295810358705651.712 mole/l. (bs) 1180591620717411303.424 mole/l. (bt) 2361183241434822606.848 mole/l. (bu) 4722366482869645213.696 mole/l. (bv) 9444732965739290427.392 mole/l. (bw) 18889465931478580854.784 mole/l. (bx) 37778931862957161709.568 mole/l. (by) 75557863725914323419.136 mole/l. (bz) 151115727451828646838.272 mole/l. (ca) 302231454903657293676.544 mole/l. (cb) 604462909807314587353.088 mole/l. (cc) 1208925819614629174706.176 mole/l. (cd) 2417851639229258349412.352 mole/l. (ce) 4835703278458516698824.704 mole/l. (cf) 9671406556917033397649.408 mole/l. (cg) 19342813113834066795298.816 mole/l. (ch) 38685626227668133590597.632 mole/l. (ci) 77371252455336267181195.264 mole/l. (cj) 154742504910672534362390.528 mole/l. (ck) 309485009821345068724781.056 mole/l. (cl) 618970019642690137449562.112 mole/l. (cm) 1237940039285380274899124.224 mole/l. (cn) 2475880078570760549798248.448 mole/l. (co) 4951760157141521099596496.896 mole/l. (cp) 9903520314283042199192993.792 mole/l. (cq) 19807040628566084398385987.584 mole/l. (cr) 39614081257132168796771975.168 mole/l. (cs) 79228162514264337593543950.336 mole/l. (ct) 158456325028528675187087900.672 mole/l. (cu) 316912650057057350374175801.344 mole/l. (cv) 633825300114114700748351602.688 mole/l. (cw) 1267650600228229401496703205.376 mole/l. (cx) 2535301200456458802993406410.752 mole/l. (cy) 5070602400912917605986812821.504 mole/l. (cz) 10141204801825835211973625643.008 mole/l. (da) 20282409603651670423947251286.016 mole/l. (db) 40564819207303340847894502572.032 mole/l. (dc) 81129638414606681695789005144.064 mole/l. (dd) 162259276829213363391578010288.128 mole/l. (de) 324518553658426726783156020576.256 mole/l. (df) 649037107316853453566312041152.512 mole/l. (dg) 1298074214633706907132624082305.024 mole/l. (dh) 2596148429267413814265248164610.048 mole/l. (di) 5192296858534827628530496329220.096 mole/l. (dj) 10384593717069655257060992658440.192 mole/l. (dk) 20769187434139310514121985316880.384 mole/l. (dl) 41538374868278621028243970633760.768 mole/l. (dm) 83076749736557242056487941267521.536 mole/l. (dn) 166153499473114484112975882535043.072 mole/l. (do) 332306998946228968225951765070086.144 mole/l. (dp) 664613997892457936451903530140172.288 mole/l. (dq) 1329227995784915872903807060280344.576 mole/l. (dr) 2658455991569831745807614120560689.152 mole/l. (ds) 5316911983139663491615228241121378.304 mole/l. (dt) 10633823966279326983230456482242756.608 mole/l. (du) 21267647932558653966460912964485513.216 mole/l. (dv) 42535295865117307932921825928971026.432 mole/l. (dw) 85070591730234615865843651857942052.864 mole/l. (dx) 170141183460469231731687303715884105.728 mole/l. (dy) 340282366920938463463374607431768211.456 mole/l. (dz) 680564733841876926926749214863536422.912 mole/l. (ea) 1361129467683753853853498429727072845.824 mole/l. (eb) 2722258935367507707706996859454145691.648 mole/l. (ec) 5444517870735015415413993718908291383.296 mole/l. (ed) 10889035741470030830827987437816582766.592 mole/l. (ee) 21778071482940061661655974875633165533.184 mole/l. (ef) 43556142965880123323311949751266331066.368 mole/l. (eg) 8711228593176024664662

1. The following table shows the number of people who attended the concert in each of the five years from 1990 to 1994.

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

Fielded	Work	Order	SVI	Ref	DOCI
"	"	"	1	"	0081
"	"	"	SVI	"	0081
"	"	"	SVI	"	0101
"	"	"	SVI	"	0081
"	"	"	1	"	0081
"	"	"	1	"	0081
"	"	"	1	"	0081
"	"	"	1	"	0081
"	"	"	1	"	0081
"	"	"	SVI	"	0081
"	"	"	SVI	"	0081