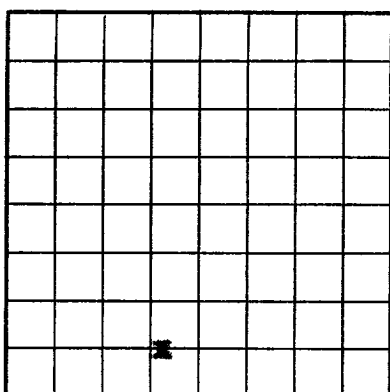


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **029435-B**
LEASE OR PERMIT TO PROSPECT **J.L. Keel "B"**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Repollo Oil Company** Address **Hobbs, New Mexico**
Lessor or Tract **J. L. Keel "B"** Field **Grayburg-Jackson** State **New Mexico**
Well No. **3** Sec. **8** T. **17** R. **31** Meridian **NMPM** County **Sady**
Location **660** ft. {N.} of **20** Line and **1980** {E.} of **1** Line of **Sec. 8** Elevation **3715**
(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 **J. L. Keel**
Title **Dist. Supt.**Date **1/19/45**

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

Commenced drilling **10/30/44**, 19____ Finished drilling **1/12/45**, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **33376** to **3410** No. 4, from _____ to _____
No. 2, from **3415** to **3424** No. 5, from _____ to _____
No. 3, from **3440** to **3490** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **410** to **418** No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8"	38	8-11	511	none					
7-1/2"	34	8-11	511	3490					
2-1/2"	4.7	8-11	511	3490					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	518	50	Halliburton		4 sacks Aquagel
7-1/2"	2930	100	do		10 do

PLUGS AND ADAPTERS

Heaving plug—Material **none** Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
1/15/45	acidized w/	2,000 Gal. Dowell "X"	f/2930-3490			
1/17/45	"	w/ 3,000 Gal. Dowell "X"	do			

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **3490** feet, and from _____ feet to _____ feet

DATES

1/19/45, 19____ Put to producing **2/1/45**, 19____

The production for the first 24 hours was **24** after acid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

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

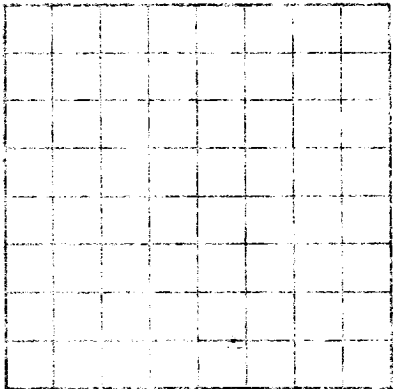
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
J. L. McNallen, Driller **L. R. Slaughter**, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
3490	3480	10	SAND
3480	3470	10	SAND
3470	3460	10	SAND
3460	3450	10	SAND
3450	3440	10	SAND
3440	3430	10	SAND
3430	3420	10	SAND
3420	3410	10	SAND
3410	3400	10	SAND
3400	3390	10	SAND
3390	3380	10	SAND
3380	3370	10	SAND
3370	3360	10	SAND
3360	3350	10	SAND
3350	3340	10	SAND
3340	3330	10	SAND
3330	3320	10	SAND
3320	3310	10	SAND
3310	3300	10	SAND
3300	3290	10	SAND
3290	3280	10	SAND
3280	3270	10	SAND
3270	3260	10	SAND
3260	3250	10	SAND
3250	3240	10	SAND
3240	3230	10	SAND
3230	3220	10	SAND
3220	3210	10	SAND
3210	3200	10	SAND
3200	3190	10	SAND
3190	3180	10	SAND
3180	3170	10	SAND
3170	3160	10	SAND
3160	3150	10	SAND
3150	3140	10	SAND
3140	3130	10	SAND
3130	3120	10	SAND
3120	3110	10	SAND
3110	3100	10	SAND
3100	3090	10	SAND
3090	3080	10	SAND
3080	3070	10	SAND
3070	3060	10	SAND
3060	3050	10	SAND
3050	3040	10	SAND
3040	3030	10	SAND
3030	3020	10	SAND
3020	3010	10	SAND
3010	3000	10	SAND
3000	2990	10	SAND
2990	2980	10	SAND
2980	2970	10	SAND
2970	2960	10	SAND
2960	2950	10	SAND
2950	2940	10	SAND
2940	2930	10	SAND
2930	2920	10	SAND
2920	2910	10	SAND
2910	2900	10	SAND
2900	2890	10	SAND
2890	2880	10	SAND
2880	2870	10	SAND
2870	2860	10	SAND
2860	2850	10	SAND
2850	2840	10	SAND
2840	2830	10	SAND
2830	2820	10	SAND
2820	2810	10	SAND
2810	2800	10	SAND
2800	2790	10	SAND
2790	2780	10	SAND
2780	2770	10	SAND
2770	2760	10	SAND
2760	2750	10	SAND
2750	2740	10	SAND
2740	2730	10	SAND
2730	2720	10	SAND
2720	2710	10	SAND
2710	2700	10	SAND
2700	2690	10	SAND
2690	2680	10	SAND
2680	2670	10	SAND
2670	2660	10	SAND
2660	2650	10	SAND
2650	2640	10	SAND
2640	2630	10	SAND
2630	2620	10	SAND
2620	2610	10	SAND
2610	2600	10	SAND
2600	2590	10	SAND
2590	2580	10	SAND
2580	2570	10	SAND
2570	2560	10	SAND
2560	2550	10	SAND
2550	2540	10	SAND
2540	2530	10	SAND
2530	2520	10	SAND
2520	2510	10	SAND
2510	2500	10	SAND
2500	2490	10	SAND
2490	2480	10	SAND
2480	2470	10	SAND
2470	2460	10	SAND
2460	2450	10	SAND
2450	2440	10	SAND
2440	2430	10	SAND
2430	2420	10	SAND
2420	2410	10	SAND
2410	2400	10	SAND
2400	2390	10	SAND
2390	2380	10	SAND
2380	2370	10	SAND
2370	2360	10	SAND
2360	2350	10	SAND
2350	2340	10	SAND
2340	2330	10	SAND
2330	2320	10	SAND
2320	2310	10	SAND
2310	2300	10	SAND
2300	2290	10	SAND
2290	2280	10	SAND
2280	2270	10	SAND
2270	2260	10	SAND
2260	2250	10	SAND
2250	2240	10	SAND
2240	2230	10	SAND
2230	2220	10	SAND
2220	2210	10	SAND
2210	2200	10	SAND
2200	2190	10	SAND
2190	2180	10	SAND
2180	2170	10	SAND
2170	2160	10	SAND
2160	2150	10	SAND
2150	2140	10	SAND
2140	2130	10	SAND
2130	2120	10	SAND
2120	2110	10	SAND
2110	2100	10	SAND
2100	2090	10	SAND
2090	2080	10	SAND
2080	2070	10	SAND
2070	2060	10	SAND
2060	2050	10	SAND
2050	2040	10	SAND
2040	2030	10	SAND
2030	2020	10	SAND
2020	2010	10	SAND
2010	2000	10	SAND
2000	1990	10	SAND
1990	1980	10	SAND
1980	1970	10	SAND
1970	1960	10	SAND
1960	1950	10	SAND
1950	1940	10	SAND
1940	1930	10	SAND
1930	1920	10	SAND
1920	1910	10	SAND
1910	1900	10	SAND
1900	1890	10	SAND
1890	1880	10	SAND
1880	1870	10	SAND
1870	1860	10	SAND
1860	1850	10	SAND
1850	1840	10	SAND
1840	1830	10	SAND
1830	1820	10	SAND
1820	1810	10	SAND
1810	1800	10	SAND
1800	1790	10	SAND
1790	1780	10	SAND
1780	1770	10	SAND
1770	1760	10	SAND
1760	1750	10	SAND
1750	1740	10	SAND
1740	1730	10	SAND
1730	1720	10	SAND
1720	1710	10	SAND
1710	1700	10	SAND
1700	1690	10	SAND
1690	1680	10	SAND
1680	1670	10	SAND
1670	1660	10	SAND
1660	1650	10	SAND
1650	1640	10	SAND
1640	1630	10	SAND
1630	1620	10	SAND
1620	1610	10	SAND
1610	1600	10	SAND
1600	1590	10	SAND
1590	1580	10	SAND
1580	1570	10	SAND
1570	1560	10	SAND
1560	1550	10	SAND
1550	1540	10	SAND
1540	1530	10	SAND
1530	1520	10	SAND
1520	1510	10	SAND
1510	1500	10	SAND
1500	1490	10	SAND
1490	1480	10	SAND
1480	1470	10	SAND
1470	1460	10	SAND
1460	1450	10	SAND
1450	1440	10	SAND
1440	1430	10	SAND
1430	1420	10	SAND
1420	1410	10	SAND
1410	1400	10	SAND
1400	1390	10	SAND
1390	1380	10	SAND
1380	1370	10	SAND
1370	1360	10	SAND
1360	1350	10	SAND
1350	1340	10	SAND
1340	1330	10	SAND
1330	1320	10	SAND
1320	1310	10	SAND
1310	1300	10	SAND
1300	1290	10	SAND
1290	1280	10	SAND
1280	1270	10	SAND
1270	1260	10	SAND
1260	1250	10	SAND
1250	1240	10	SAND
1240	1230	10	SAND
1230	1220	10	SAND
1220	1210	10	SAND
1210	1200	10	SAND
1200	1190	10	SAND
1190	1180	10	SAND
1180	1170	10	SAND
1170	1160	10	SAND
1160	1150	10	SAND
1150	1140	10	SAND
1140	1130	10	SAND
1130	1120	10	SAND
1120	1110	10	SAND
1110	1100	10	SAND
1100	1090	10	SAND
1090	1080	10	SAND
1080	1070	10	SAND
1070	1060	10	SAND
1060	1050	10	SAND
1050	1040	10	SAND
1040	1030	10	SAND
1030	1020	10	SAND
1020	1010	10	SAND
1010	1000	10	SAND
1000	990	10	SAND
990	980	10	SAND
980	970	10	SAND
970	960	10	SAND
960	950	10	SAND
950	940	10	SAND
940	930	10	SAND
930	920	10	SAND
920	910	10	SAND
910	900	10	SAND
900	890	10	SAND
890	880	10	SAND
880	870	10	SAND
870	860	10	SAND
860	850	10	SAND
850	840	10	SAND
840	830	10	SAND
830	820	10	SAND
820	810	10	SAND
810	800	10	SAND
800	790	10	SAND
790	780	10	SAND
780	770	10	SAND
770	760	10	SAND
760	750	10	SAND
750	740	10	SAND
740	730	10	SAND
730	720	10	SAND
720	710	10	SAND
710	700	10	SAND
700	690	10	SAND
690	680	10	SAND
680	670	10	SAND
670	660	10	SAND
660	650	10	SAND
650	640	10	SAND
640	630	10	SAND
630	620	10	SAND
620	610	10	SAND
610	600	10	SAND
600	590	10	SAND
590	580	10	SAND
580	570	10	SAND
570	560	10	SAND
560	550	10	SAND
550	540	10	SAND
540	530	10	SAND
530	520	10	SAND
520	510	10	SAND
510	500	10	SAND
500	490	10	SAND
490	480	10	SAND
480	470	10	SAND
470	460	10	SAND
460	450	10	SAND
450	440	10	SAND
440	430	10	SAND
430	420	10	SAND
420	410	10	SAND
410	400	10	SAND
400	390	10	SAND
390	380	10	SAND
380	370	10	SAND
370	360	10	SAND
360	350	10	SAND
350	340	10	SAND
340	330	10	SAND
330	320	10	SAND
320	310	10	SAND
310	300	10	SAND
300	290	10	SAND
290	280	10	SAND
280	270	10	SAND
270	260	10	SAND
260	250	10	SAND
250	240	10	SAND
240	230	10	SAND
230	220	10	SAND
220	210	10	SAND
210	200	10	SAND
200	190	10	SAND
190	180	10	SAND
180	170	10	SAND
170	160	10	SAND
160	150	10	SAND
150	140	10	SAND
140	130	10	SAND
130	120	10	SAND
120	110	10	SAND
110	100	10	SAND
100	90	10	SAND
90	80	10	SAND
80	70	10	SAND
70	60	10	SAND
60	50	10	SAND
50	40	10	SAND
40	30	10	SAND
30	20	10	SAND
20	10	10	SAND
10	0	10	SAND



LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Company Name _____ Address _____
 Location of Well _____
 The information on this page is for the use of the well owner and is not to be used for any other purpose.
 Date _____

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____	No. 2 from _____ to _____	No. 3 from _____ to _____
---------------------------	---------------------------	---------------------------

IMPORTANT WATER SANDS

No. 1 from _____ to _____	No. 2 from _____ to _____
---------------------------	---------------------------

CASING RECORD

Casing No.	Depth	Material	Remarks
------------	-------	----------	---------

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 "sidetracked" or left in the well, give its 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, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
0	45	45	Sand & Caliche
45	250	250	Red sandy shale
250	370	370	Red bed
370	410	410	anydrite
410	418	418	water sand (3/4 boiler per hour)
418	425	425	anydrite
425	435	435	water sand
435	465	465	Red Hook
465	500	500	anydrite
500	510	510	Red Hook
510	650	650	Salt
650	760	760	anydrite & salt
760	140	140	anydrite
140	150	150	anydrite
150	155	155	Red Hook
155	160	160	anydrite
160	170	170	anydrite & shale
170	175	175	anydrite
175	180	180	anydrite
180	185	185	anydrite
185	195	195	anydrite & lime
195	205	205	anydrite
205	210	210	anydrite
210	215	215	anydrite
215	220	220	anydrite
220	230	230	anydrite
230	235	235	anydrite
235	240	240	anydrite
240	245	245	anydrite
245	250	250	anydrite
250	255	255	anydrite
255	260	260	anydrite
260	265	265	anydrite
265	270	270	anydrite
270	275	275	anydrite
275	280	280	anydrite
280	285	285	anydrite
285	290	290	anydrite
290	295	295	anydrite
295	300	300	anydrite
300	305	305	anydrite
305	310	310	anydrite
310	315	315	anydrite
315	320	320	anydrite
320	325	325	anydrite
325	330	330	anydrite
330	335	335	anydrite
335	340	340	anydrite
340	345	345	anydrite
345	350	350	anydrite
350	355	355	anydrite
355	360	360	anydrite
360	365	365	anydrite
365	370	370	anydrite
370	375	375	anydrite
375	380	380	anydrite
380	385	385	anydrite
385	390	390	anydrite
390	395	395	anydrite
395	400	400	anydrite
400	405	405	anydrite
405	410	410	anydrite
410	415	415	anydrite
415	420	420	anydrite
420	425	425	anydrite
425	430	430	anydrite
430	435	435	anydrite
435	440	440	anydrite
440	445	445	anydrite
445	450	450	anydrite
450	455	455	anydrite
455	460	460	anydrite
460	465	465	anydrite
465	470	470	anydrite
470	475	475	anydrite
475	480	480	anydrite
480	485	485	anydrite
485	490	490	anydrite
490	495	495	anydrite
495	500	500	anydrite
500	505	505	anydrite
505	510	510	anydrite
510	515	515	anydrite
515	520	520	anydrite
520	525	525	anydrite
525	530	530	anydrite
530	535	535	anydrite
535	540	540	anydrite
540	545	545	anydrite
545	550	550	anydrite
550	555	555	anydrite
555	560	560	anydrite
560	565	565	anydrite
565	570	570	anydrite
570	575	575	anydrite
575	580	580	anydrite
580	585	585	anydrite
585	590	590	anydrite
590	595	595	anydrite
595	600	600	anydrite
600	605	605	anydrite
605	610	610	anydrite
610	615	615	anydrite
615	620	620	anydrite
620	625	625	anydrite
625	630	630	anydrite
630	635	635	anydrite
635	640	640	anydrite
640	645	645	anydrite
645	650	650	anydrite
650	655	655	anydrite
655	660	660	anydrite
660	665	665	anydrite
665	670	670	anydrite
670	675	675	anydrite
675	680	680	anydrite
680	685	685	anydrite
685	690	690	anydrite
690	695	695	anydrite
695	700	700	anydrite
700	705	705	anydrite
705	710	710	anydrite
710	715	715	anydrite
715	720	720	anydrite
720	725	725	anydrite
725	730	730	anydrite
730	735	735	anydrite
735	740	740	anydrite
740	745	745	anydrite
745	750	750	anydrite
750	755	755	anydrite
755	760	760	anydrite
760	765	765	anydrite
765	770	770	anydrite
770	775	775	anydrite
775	780	780	anydrite
780	785	785	anydrite
785	790	790	anydrite
790	795	795	anydrite
795	800	800	anydrite
800	805	805	anydrite
805	810	810	anydrite
810	815	815	anydrite
815	820	820	anydrite
820	825	825	anydrite
825	830	830	anydrite
830	835	835	anydrite
835	840	840	anydrite
840	845	845	anydrite
845	850	850	anydrite
850	855	855	anydrite
855	860	860	anydrite
860	865	865	anydrite
865	870	870	anydrite
870	875	875	anydrite
875	880	880	anydrite
880	885	885	anydrite
885	890	890	anydrite
890	895	895	anydrite
895	900	900	anydrite
900	905	905	anydrite
905	910	910	anydrite
910	915	915	anydrite
915	920	920	anydrite
920	925	925	anydrite
925	930	930	anydrite
930	935	935	anydrite
935	940	940	anydrite
940	945	945	anydrite
945	950	950	anydrite
950	955	955	anydrite
955	960	960	anydrite
960	965	965	anydrite
965	970	970	anydrite
970	975	975	anydrite
975	980	980	anydrite
980	985	985	anydrite
985	990	990	anydrite
990	995	995	anydrite
995	1000	1000	anydrite