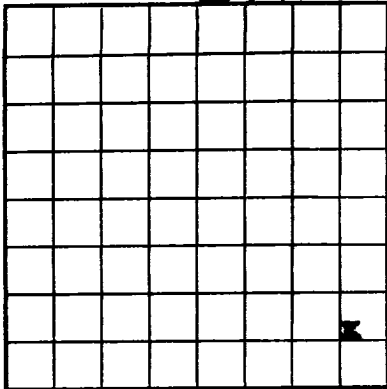


ORIGINAL

 U. S. LAND OFFICE **LAS CRUCES**
 SERIAL NUMBER **029435-A**
 LEASE OR PERMIT TO PROSPECT **J.L. Keel "A"**


LOCATE WELL CORRECTLY

 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

 RECEIVED
 JUN 13 1944
 RESERVE
 HOBBS OFFICE

LOG OF OIL OR GAS WELL

 Company **REPOLLO OIL COMPANY** Address **Hobbs, New Mexico**
 Lessor or Tract **J. L. Keel "A"** Field **Grayburg-Jackson** State **New Mexico**
 Well No. **6** Sec. **7** T. **17S** R. **31E** Meridian **NMPM** County **Edgy**
 Location **660** ft. **N.** of **So.** Line and **660** ft. **E.** of **East** Line of **Sec. 7** Elevation **3711**
(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 **June 12, 1944**

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

 Commenced drilling **March 21,** 19 **44** Finished drilling **May 31**, 19 **44**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

 No. 1, from **1925** to **1932 G** No. 4, from **3025** to **3040**
 No. 2, from **1940** to **1950** No. 5, from **3365** to **3370**
 No. 3, from **2370** to **2380** No. 6, from **3461** to **3469**

 IMPORTANT WATER SANDS
 No. 1, from **1925** to **1932 G** No. 3, from **2370** to **2380**
 No. 2, from **1940** to **1950** No. 4, from **3025** to **3040**
 No. 5, from **3365** to **3370** No. 6, from **3461** to **3469**

Size of casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	514	75	Halliburton	1/2 ton	
7" OD	3141	100	do	4 "	

MUDDING AND CEMENTING RECORD

Size of casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	514	75	Halliburton	1/2 ton	
7" OD	3141	100	do	4 "	

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
Acidized-6/3/44-	1500 Cal.	Dowell "A"	3457 to 3467			
" 6/6/44-	3500 Cal.	do	3457 to 3467			

TOOLS USED

 Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
 Cable tools were used from **0** feet to **3465** feet, and from _____ feet to _____ feet

DATES

 Put to producing **June 15,** 19 **44**
 The production for the first 24 hours was **50** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **36**

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.L. McNally, Driller **E.E. Martin**, Driller
J.L. McNally, Driller **E.E. Martin**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	220	220	Red Sand
220	310	90	Broken anhydrite & red shale
310	320	10	Red Rock
320	400	80	Anhydrite
400	450	50	Anhydrite & Redrock
450	460	10	Sand & Anhydrite (3 bailers water per Hr)
460	470	10	Red shale & anhydrite
470	480	10	Anhydrite
480	490	10	Sand
490	500	10	Red & anhydrite
500	510	10	Sand
510	520	10	Red & anhydrite
520	530	10	Sand
530	540	10	Red & anhydrite
540	550	10	Sand
550	560	10	Red & anhydrite
560	570	10	Sand
570	580	10	Red & anhydrite
580	590	10	Sand
590	600	10	Red & anhydrite
600	610	10	Sand
610	620	10	Red & anhydrite
620	630	10	Sand
630	640	10	Red & anhydrite
640	650	10	Sand
650	660	10	Red & anhydrite
660	670	10	Sand
670	680	10	Red & anhydrite
680	690	10	Sand
690	700	10	Red & anhydrite
700	710	10	Sand
710	720	10	Red & anhydrite
720	730	10	Sand
730	740	10	Red & anhydrite
740	750	10	Sand
750	760	10	Red & anhydrite
760	770	10	Sand
770	780	10	Red & anhydrite
780	790	10	Sand
790	800	10	Red & anhydrite
800	810	10	Sand
810	820	10	Red & anhydrite
820	830	10	Sand
830	840	10	Red & anhydrite
840	850	10	Sand
850	860	10	Red & anhydrite
860	870	10	Sand
870	880	10	Red & anhydrite
880	890	10	Sand
890	900	10	Red & anhydrite
900	910	10	Sand
910	920	10	Red & anhydrite
920	930	10	Sand
930	940	10	Red & anhydrite
940	950	10	Sand
950	960	10	Red & anhydrite
960	970	10	Sand
970	980	10	Red & anhydrite
980	990	10	Sand
990	1000	10	Red & anhydrite

FORMATION RECORD—Continued

