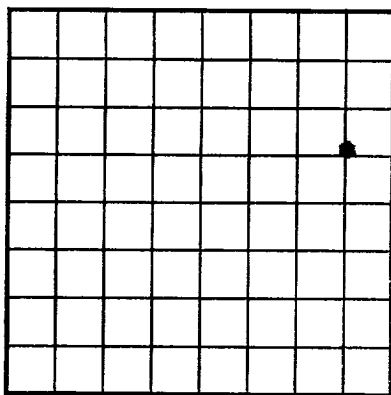


U. S. LAND OFFICE **Las Cruces**
 SERIAL NUMBER **029342-J**
 LEASE OR PERMIT TO PROSPECT **"A. J. McIntyre" D**



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 **"A. J. McIntyre" D** Field **Grayburg-Jackson** State **New Mexico**
 Well No. **7** Sec. **17** T. **17S** R. **30E** Meridian **N.M.P.M.** County **El Paso**
 Location **1980** ft. **(S)** of **No. 1** Line and **580** ft. **(E)** of **East** line of **Sec. 17** Elevation **3676**
(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 **[Signature]**
 Title **Asst. Supt.**

Date **1/4/45** Title **Asst. Supt.**

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

Commenced drilling **Nov. 13,** 19**44** Finished drilling **Dec. 11,** 19**44**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2060** to **2091** No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ 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—	
10 3/4" 55.75	55.75	80	Halliburton	544	None	None			None
8 5/8" 47.8	47.8	80	Halliburton	1978	None	None			None
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4" 55.75	55.75	60	Halliburton		4 sacks Mud
8 5/8" 47.8	1978	100	do		10 sacks Aquagel
2" 4.78	55.75	100			

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
5"	16'	Nitro-Glycerin	60	12/19th-2075-2091	2109'	

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
 Cable tools were used from **0** feet to **2109** feet, and from _____ feet to _____ feet

DATES

1/4/45 Put to producing _____, 19____
 After **1/1/45** production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
 emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **100**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

A. J. Keith _____, Driller **Pyatt** _____, Driller
 _____, Driller **A. L. Ray** _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Caliche
30	240	210	Red Bed
240	270	30	Anhydrite
270	280	10	Red Bed
280	405	125	Anhydrite
405	540	135	Red & Blue shale
540	740	200	Salt
740	1010	270	Salt
1010	1090	80	Anhydrite & Red Shale
1090	2070	980	Anhydrite
2070	2075	5	Red Sand
2075	2080	5	Sand
2080	2096	16	Red Sand - showed 10 Gal. oil per Hr.
2096	2109	13	Anhydrite

DEVIATION SURVEYS

500 Ft. 1/2 Degree from vertical
 1000 " 1/2 ditto
 1500 " 1/2 ditto

(OVER)

FORMATION RECORD—Continued

(CASE)

4.000 : 141414

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GEOLOGICAL SURVEY

UNITED STATES

INVEST OR PERMIT TO PROSPECT.

25177 2 LMBER

U. S. FARM OFFICE