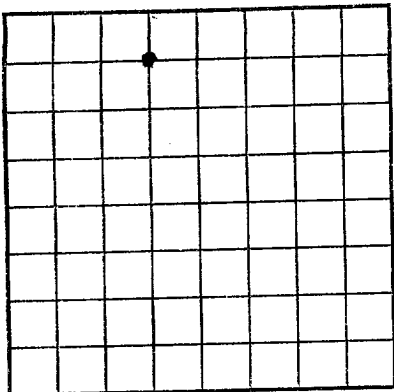


Form 9-330

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **029454-3**
LEASE OR PERMIT TO PROSPECT **H.E. West**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company **Repollo Oil Company** Address **Hobbs, New Mexico**
Lessor or Tract **H.E. West 3** Field **Square Lake** State **New Mexico**
Well No. **3** Sec. **4** T. **17N** R. **51E** Meridian **NMPM** County **Hddy**
Location **660 ft. {N} of No. 1 Line and 1980 ft. {E} of West Line of Sec. 4** Elevation **3230**
(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 **Dist. Supt.**

Date **5/20/46**

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

Commenced drilling **2/26/46**, 19 **5/3/46** Finished drilling **5/3/46**, 19

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **3362** to **3500** 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" 7"OD	55.75	8VT	35000	700	10 3/4" 7"OD	35000			
13"OD	50	8VT	13 1/2" 8VT	100	13 1/2" 8VT	100			
2"UE	4.77	8VT	35000	3500	2"UE	3500			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4" 7"OD	714	100	Halliburton		
7"OD	3294	100	do		

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
4 1/2"	75	Nitroglycerin	250	5/8	3440-3545	3375

TOOLS USED

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

DATES

_____ 19 _____ Put to producing **5/16/46**, 19 _____
The production for the first 24 hours was **188** 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 **36**

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Mr. H. Hickman, Driller **Mr. F. L. Clifford**, Driller
Mr. J. L. McCallie, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	65	65	Sand & Redrock
65	100	35	Sand
100	240	140	Redrock
240	510	270	Red shale & sand
510	650	140	Anhydrite
650	694	44	Redrock & Anhydrite
694	715	21	Salt
715	770	55	Salt & Potash
770	1675	905	Salt & Potash
1675	1730	55	Anhydrite & Redrock
1730	1830	100	Anhydrite
1830	2040	210	Anhydrite & Redrock
2040	2490	450	Red Sand & Anhydrite
2490	2710	220	Anhydrite
2710	2730	20	Lime
2730	2750	20	Red Sand
2750	3130	380	Anhydrite (might show oil 2975 to 2985)
3130	3205	75	Lime
3205	3225	20	Red Rock
3225	3327	102	Lime (Increase 1" gas 3300 to 3310)
3327	3345	18	Sandy Lime
3345	3368	23	Lime (show oil 3342 to 3370)
3368	3382	14	Sand, brown, (oil sand)
3382	3400	18	Lime
3400	3425	25	Sandy Lime, brown (oil 1" hole)
3425	3450	25	Lime

FORMATION RECORD—CONTINUED

