

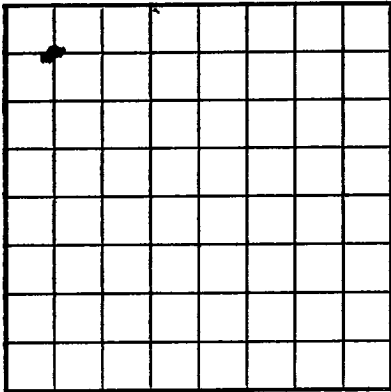
Form 9-330

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 029426-B

LEASE OR PERMIT TO PROSPECT H. E. West B

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 B Field SQUARE LAKE State NEW MEXICO
Well No. 4-B Sec. 4 T. 17S R. 31E Meridian NMP County EL PASO
Location 660 ft. N of 100 Line and 660 ft. E of West Line of Sec. 4 Elevation 3933
(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]

Date Oct. 2, 1946 Title Dist. Supt.

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

Commenced drilling June 27, 1946 Finished drilling Sept. 6, 1946

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5285 to 3327 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"	40	8	SS	50	plug				
8 5/8"	32	8	SS	560	plug				
7"	24	10	SS	3097	plug				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	46	50	dump		
8 5/8"	666	125	Halliburton		
7"	3097	125	do		
1 1/2"	3133				

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
4"	152	Nitroglycerin	380	9/8/46	3270-3422	3385

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3429 feet, and from _____ feet to _____ feet

DATES

_____ 10/2/46 _____, 19 _____ Put to producing Sept. 16, _____, 1946
The production for the first 24 hours was 40 barrels of fluid 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
H. Rickman _____, Driller J. L. McFallen _____, Driller
P. W. Clifford _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	48	48	Sand & Caliche
48	470	422	Red Sand & Redrock
470	490	20	Anhydrite
490	510	20	Red Sand & Shale
510	615	105	Anhydrite
615	630	15	Redrock
630	668	38	Salt
668	1585	917	Salt & Potash
1585	1650	45	Anhydrite
1650	1680	50	Redrock
1680	1770	90	Anhydrite
1770	1845	75	Redrock
1845	1985	140	Anhydrite & Red shale (air pocket @ 1921')
1985	2005	20	Anhydrite
2005	2055	50	Anhydrite & Red shale
2055	2080	25	Anhydrite
2080	2105	25	Anhydrite & Red shale
2105	2670	565	Anhydrite
2670	2705	30	Red Sand (Water Sand)
2705	3080	375	Anhydrite
3080	3429	349	Lime

DEVIATION SURVEYS

500 Ft. no degrees from vertical
1150 " 1/2 do
1900 " 1/4 do
2475 " no do
2975 " no do

