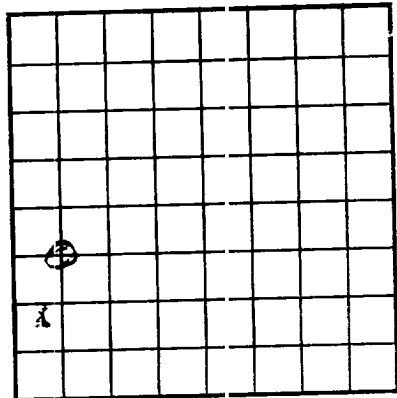




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Repollo Oil Company Address Alamo, New Mexico
Lessor or Tract John Arke Field Grayburg-Jackson State New Mexico
Well No. 2 Sec. 23 T. 17 R. 30 Meridian N. 100 W. County ddy
Location 1980 ft. (N. 6 S.) of 0 Line and 680 ft. (E. W.) of est Line of 1/4 Sec. 23 Elevation 3,646'
(Derrick floor relative to 1980)

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 W. J. B. Hughes
Title Asst. Supt.

Date 10-17-44

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

Commenced drilling Aug. 30, 1944 Finished drilling October 2, 1944

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

No. 1, from 1887 to 1830 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 none 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—	
8 5/8	33	8	Yankee	455	API	Surface			Conductor
7	26	8	Yankee	1034	API	Surface			Production
HISTORICAL LOG 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
8 5/8	470	75	Halliburton		10 sacks
7	1834	75	Halliburton		2 tons

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
3"	60 qts.	Nitroglycerin	4	10/3/44	1896	1940
	30 lbs	"	1	"	"	"

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 1940 feet, and from _____ feet to _____ feet

DATES

Bailed 15-5-44 before shot, 44 Put to producing October 16, 1944
The production for the first 24 hours was 25 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
C. M. Cole, Driller _____, Driller
Ian Webb

FORMATION RECORD

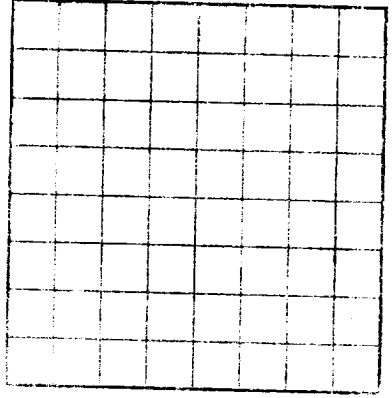
FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	Gyp
40	200	160	Sand and red rock
200	225	25	Anhydrite
225	230	5	Red rock
230	360	130	Anhydrite
360	455	95	Red rock
455	1180	725	Salt
1180	1380	200	Anhydrite
1380	1385	5	Red rock
1385	1455	70	Anhydrite and red bed breaks
1455	1887	432	Anhydrite
1887	1900	13	Brown lime
1900	1940	40	Anhydrite

DEVIATION SURVEYS
500 Ft. 1/2 degree from vertical
1000 Ft. 1 ditto
1500 Ft. 1 ditto

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

The summary on this page is for the location of the well at above
County, Township, Range, Section, and the name of the well.
The information given is for the location of the well and the name of the well.
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OIL OR GAS SANDS OR ZONES

Oil or gas sands or zones are described in detail in the log of the well.
The information given is for the location of the well and the name of the well.
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CASING RECORD

Casing record is given in detail in the log of the well.
The information given is for the location of the well and the name of the well.
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HISTORY OF OIL OR GAS WELL

DATE	DESCRIPTION	DEPTH	REMARKS
1900	Drilled to 100 feet	100	Drilled to 100 feet
1901	Drilled to 200 feet	200	Drilled to 200 feet
1902	Drilled to 300 feet	300	Drilled to 300 feet
1903	Drilled to 400 feet	400	Drilled to 400 feet
1904	Drilled to 500 feet	500	Drilled to 500 feet
1905	Drilled to 600 feet	600	Drilled to 600 feet
1906	Drilled to 700 feet	700	Drilled to 700 feet
1907	Drilled to 800 feet	800	Drilled to 800 feet
1908	Drilled to 900 feet	900	Drilled to 900 feet
1909	Drilled to 1000 feet	1000	Drilled to 1000 feet
1910	Drilled to 1100 feet	1100	Drilled to 1100 feet
1911	Drilled to 1200 feet	1200	Drilled to 1200 feet
1912	Drilled to 1300 feet	1300	Drilled to 1300 feet
1913	Drilled to 1400 feet	1400	Drilled to 1400 feet
1914	Drilled to 1500 feet	1500	Drilled to 1500 feet
1915	Drilled to 1600 feet	1600	Drilled to 1600 feet
1916	Drilled to 1700 feet	1700	Drilled to 1700 feet
1917	Drilled to 1800 feet	1800	Drilled to 1800 feet
1918	Drilled to 1900 feet	1900	Drilled to 1900 feet
1919	Drilled to 2000 feet	2000	Drilled to 2000 feet
1920	Drilled to 2100 feet	2100	Drilled to 2100 feet
1921	Drilled to 2200 feet	2200	Drilled to 2200 feet
1922	Drilled to 2300 feet	2300	Drilled to 2300 feet
1923	Drilled to 2400 feet	2400	Drilled to 2400 feet
1924	Drilled to 2500 feet	2500	Drilled to 2500 feet
1925	Drilled to 2600 feet	2600	Drilled to 2600 feet
1926	Drilled to 2700 feet	2700	Drilled to 2700 feet
1927	Drilled to 2800 feet	2800	Drilled to 2800 feet
1928	Drilled to 2900 feet	2900	Drilled to 2900 feet
1929	Drilled to 3000 feet	3000	Drilled to 3000 feet
1930	Drilled to 3100 feet	3100	Drilled to 3100 feet
1931	Drilled to 3200 feet	3200	Drilled to 3200 feet
1932	Drilled to 3300 feet	3300	Drilled to 3300 feet
1933	Drilled to 3400 feet	3400	Drilled to 3400 feet
1934	Drilled to 3500 feet	3500	Drilled to 3500 feet
1935	Drilled to 3600 feet	3600	Drilled to 3600 feet
1936	Drilled to 3700 feet	3700	Drilled to 3700 feet
1937	Drilled to 3800 feet	3800	Drilled to 3800 feet
1938	Drilled to 3900 feet	3900	Drilled to 3900 feet
1939	Drilled to 4000 feet	4000	Drilled to 4000 feet
1940	Drilled to 4100 feet	4100	Drilled to 4100 feet
1941	Drilled to 4200 feet	4200	Drilled to 4200 feet
1942	Drilled to 4300 feet	4300	Drilled to 4300 feet
1943	Drilled to 4400 feet	4400	Drilled to 4400 feet
1944	Drilled to 4500 feet	4500	Drilled to 4500 feet
1945	Drilled to 4600 feet	4600	Drilled to 4600 feet
1946	Drilled to 4700 feet	4700	Drilled to 4700 feet
1947	Drilled to 4800 feet	4800	Drilled to 4800 feet
1948	Drilled to 4900 feet	4900	Drilled to 4900 feet
1949	Drilled to 5000 feet	5000	Drilled to 5000 feet
1950	Drilled to 5100 feet	5100	Drilled to 5100 feet
1951	Drilled to 5200 feet	5200	Drilled to 5200 feet
1952	Drilled to 5300 feet	5300	Drilled to 5300 feet
1953	Drilled to 5400 feet	5400	Drilled to 5400 feet
1954	Drilled to 5500 feet	5500	Drilled to 5500 feet
1955	Drilled to 5600 feet	5600	Drilled to 5600 feet
1956	Drilled to 5700 feet	5700	Drilled to 5700 feet
1957	Drilled to 5800 feet	5800	Drilled to 5800 feet
1958	Drilled to 5900 feet	5900	Drilled to 5900 feet
1959	Drilled to 6000 feet	6000	Drilled to 6000 feet
1960	Drilled to 6100 feet	6100	Drilled to 6100 feet
1961	Drilled to 6200 feet	6200	Drilled to 6200 feet
1962	Drilled to 6300 feet	6300	Drilled to 6300 feet
1963	Drilled to 6400 feet	6400	Drilled to 6400 feet
1964	Drilled to 6500 feet	6500	Drilled to 6500 feet
1965	Drilled to 6600 feet	6600	Drilled to 6600 feet
1966	Drilled to 6700 feet	6700	Drilled to 6700 feet
1967	Drilled to 6800 feet	6800	Drilled to 6800 feet
1968	Drilled to 6900 feet	6900	Drilled to 6900 feet
1969	Drilled to 7000 feet	7000	Drilled to 7000 feet
1970	Drilled to 7100 feet	7100	Drilled to 7100 feet
1971	Drilled to 7200 feet	7200	Drilled to 7200 feet
1972	Drilled to 7300 feet	7300	Drilled to 7300 feet
1973	Drilled to 7400 feet	7400	Drilled to 7400 feet
1974	Drilled to 7500 feet	7500	Drilled to 7500 feet
1975	Drilled to 7600 feet	7600	Drilled to 7600 feet
1976	Drilled to 7700 feet	7700	Drilled to 7700 feet
1977	Drilled to 7800 feet	7800	Drilled to 7800 feet
1978	Drilled to 7900 feet	7900	Drilled to 7900 feet
1979	Drilled to 8000 feet	8000	Drilled to 8000 feet
1980	Drilled to 8100 feet	8100	Drilled to 8100 feet
1981	Drilled to 8200 feet	8200	Drilled to 8200 feet
1982	Drilled to 8300 feet	8300	Drilled to 8300 feet
1983	Drilled to 8400 feet	8400	Drilled to 8400 feet
1984	Drilled to 8500 feet	8500	Drilled to 8500 feet
1985	Drilled to 8600 feet	8600	Drilled to 8600 feet
1986	Drilled to 8700 feet	8700	Drilled to 8700 feet
1987	Drilled to 8800 feet	8800	Drilled to 8800 feet
1988	Drilled to 8900 feet	8900	Drilled to 8900 feet
1989	Drilled to 9000 feet	9000	Drilled to 9000 feet
1990	Drilled to 9100 feet	9100	Drilled to 9100 feet
1991	Drilled to 9200 feet	9200	Drilled to 9200 feet
1992	Drilled to 9300 feet	9300	Drilled to 9300 feet
1993	Drilled to 9400 feet	9400	Drilled to 9400 feet
1994	Drilled to 9500 feet	9500	Drilled to 9500 feet
1995	Drilled to 9600 feet	9600	Drilled to 9600 feet
1996	Drilled to 9700 feet	9700	Drilled to 9700 feet
1997	Drilled to 9800 feet	9800	Drilled to 9800 feet
1998	Drilled to 9900 feet	9900	Drilled to 9900 feet
1999	Drilled to 10000 feet	10000	Drilled to 10000 feet