

A blank grid for drawing a picture. The grid is 10 squares wide and 10 squares high, with a thicker border on the top and left sides.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE ~~Las Cruces~~

SERIAL NUMBER **0224**

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

1107 Continental Life Building
 Company ~~Wash, Winkler and Brown~~ Address ~~Fort Worth, Texas~~
 Lessor or Tract ~~Section 3~~ Field ~~Square Lake~~ State ~~New Mexico~~
 Well No. ~~12-2~~ Sec. ~~1~~ T. ~~17S~~ R. ~~30E~~ Meridian ~~NM~~ County ~~Doña~~
 Location ~~1500~~ ft. {N. } of ~~2~~ Line and ~~660~~ ft. {W. } of ~~1~~ Line of ~~Section 1~~ Elevation _____
 (Describe four corners to see 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.

Date **February 22, 1957**

Title **Dr. J. H. HARRISON, JR.**

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

Commenced drilling 11-28, 1946 Finished drilling 1-21, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1947 to 1949 6
 No. 2, from 2639 to 2640 0/8
 No. 3, from 2981 to 2984 0
 No. 4, from 2997 to 3006 0
 No. 5, from 3173 to 3183 0
 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 145 to 150 No. 3, from 2345 to 2355
No. 2, from 1790 to 1795 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	14.5	8	Black	571.5	Black	Black			
7 1/2	14.5	8	Black	571.5	Black	Black			
5 1/8	14.5	8	Black	571.5	Black	Black			
HISTORY OF OK OK GVS MFG									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	571.5	50	Pump Plug.	2 max Calcium Chloride	
7"	581.0			200# Azonol & 200# cotton seed hulls	
5 1/2	588.0	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
Finned 1173-23	three part.	with 20,000 gal.	17,000	2nd		
Finned 2021-21	three part.	with 10,000 gal.	9,000	2nd		

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 February 1944 1957

The production for the first 2 hours was 47 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water and 0 % sediment. 31.6 Gravity. °Bé.

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

Rock pressure, lbs. per sq. in. _____

EMPLOYERS

3143	3156	Driller	3156	Driller
3144	3157	19	3157	Driller
3145	3158	Driller	3158	Driller

FORMATION RECORDS

FROM-	TO-	TOTAL FEET	TYPE AND FORMATION
1700	1705	5	Shale (OTI 1700)
1705	1710	5	Shale
1710	1715	5	Shale (water at 1710)
1715	1720	5	Shale
1720	1725	5	Shale
1725	1730	5	Shale
1730	1735	5	Shale
1735	1740	5	Shale
1740	1745	5	Shale
1745	1750	5	Shale
1750	1755	5	Shale
1755	1760	5	Shale
1760	1765	5	Shale
1765	1770	5	Shale
1770	1775	5	Shale
1775	1780	5	Shale
1780	1785	5	Shale
1785	1790	5	Shale
1790	1795	5	Shale
1795	1800	5	Shale
1800	1805	5	Shale
1805	1810	5	Shale
1810	1815	5	Shale
1815	1820	5	Shale
1820	1825	5	Shale
1825	1830	5	Shale
1830	1835	5	Shale
1835	1840	5	Shale
1840	1845	5	Shale
1845	1850	5	Shale
1850	1855	5	Shale
1855	1860	5	Shale
1860	1865	5	Shale
1865	1870	5	Shale
1870	1875	5	Shale
1875	1880	5	Shale
1880	1885	5	Shale
1885	1890	5	Shale
1890	1895	5	Shale
1895	1900	5	Shale
1900	1905	5	Shale
1905	1910	5	Shale
1910	1915	5	Shale
1915	1920	5	Shale
1920	1925	5	Shale
1925	1930	5	Shale
1930	1935	5	Shale
1935	1940	5	Shale
1940	1945	5	Shale
1945	1950	5	Shale
1950	1955	5	Shale
1955	1960	5	Shale
1960	1965	5	Shale
1965	1970	5	Shale
1970	1975	5	Shale
1975	1980	5	Shale
1980	1985	5	Shale
1985	1990	5	Shale
1990	1995	5	Shale
1995	2000	5	Shale

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

LOCATE WELL CORRECTLY

[illegible]

..... Commenced drilling Finished drilling
The recovery on this page is for the condition of the well as above dated.

ALL OF THE SANDS OF ZONES

No. 1, from		No. 2, from		No. 3, from		No. 4, from		No. 5, from		No. 6, from	
100	to	200	to	300	to	400	to	500	to	600	to

REPORTANT VATES 241024

No. 1, from	1951	to	1952	No. 3, from	1952	to	1953
No. 2, from	1953	to	1954	No. 4, from	1954	to	1955

CASING RECORD

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked", or left in the well, give its size and location. If the well has been abandoned, give date, size, position, and number of holes. If things or bridges were put in the test for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

MILITARY AND CEMENTING RECORD

Size	White lot	Number each of colors	Method used	Mod. Quality	Amount to finish
1/2	100	100	100	100	100
1/4	100	100	100	100	100
1/8	100	100	100	100	100
1/16	100	100	100	100	100
1/32	100	100	100	100	100
1/64	100	100	100	100	100
1/128	100	100	100	100	100
1/256	100	100	100	100	100
1/512	100	100	100	100	100
1/1024	100	100	100	100	100
1/2048	100	100	100	100	100
1/4096	100	100	100	100	100
1/8192	100	100	100	100	100
1/16384	100	100	100	100	100
1/32768	100	100	100	100	100
1/65536	100	100	100	100	100
1/131072	100	100	100	100	100
1/262144	100	100	100	100	100
1/524288	100	100	100	100	100
1/1048576	100	100	100	100	100
1/2097152	100	100	100	100	100
1/4194304	100	100	100	100	100
1/8388608	100	100	100	100	100
1/16777216	100	100	100	100	100
1/33554432	100	100	100	100	100
1/67108864	100	100	100	100	100
1/134217728	100	100	100	100	100
1/268435456	100	100	100	100	100
1/536870912	100	100	100	100	100
1/1073741824	100	100	100	100	100
1/2147483648	100	100	100	100	100
1/4294967296	100	100	100	100	100
1/8589934592	100	100	100	100	100
1/17179869184	100	100	100	100	100
1/34359738368	100	100	100	100	100
1/68719476736	100	100	100	100	100
1/137438953472	100	100	100	100	100
1/274877906944	100	100	100	100	100
1/549755813888	100	100	100	100	100
1/1099511627776	100	100	100	100	100
1/2199023255552	100	100	100	100	100
1/4398046511104	100	100	100	100	100
1/8796093022208	100	100	100	100	100
1/17592186044416	100	100	100	100	100
1/35184372088832	100	100	100	100	100
1/70368744177664	100	100	100	100	100
1/140737488355328	100	100	100	100	100
1/281474976710656	100	100	100	100	100
1/562949953421312	100	100	100	100	100
1/1125899906842624	100	100	100	100	100
1/2251799813685248	100	100	100	100	100
1/4503599627370496	100	100	100	100	100
1/9007199254740992	100	100	100	100	100
1/18014398509481984	100	100	100	100	100
1/36028797018963968	100	100	100	100	100
1/72057594037927936	100	100	100	100	100
1/144115188075855872	100	100	100	100	100
1/288230376151711744	100	100	100	100	100

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth desired in fathoms
120 lbs	120 lb. shell	120 lb. shell	1	1891	100 fms	100 fms
120 lbs	120 lb. shell	120 lb. shell	1	1891	100 fms	100 fms

TOOLS USED

Rotary tools were used from	test to	test and from	test to
Cable tools were used from	test to	test and from	test to

DATE

was well cut after 24 hours
sediment; % water and
the production in the first 24 hours was

Put to producing
percentage of fluid of which
7000 cu. ft. of gas

EMPI

0-10	(EX-65) 2000	0-10	0-10	0-10	0-10
0-10		0-10	0-10	0-10	0-10

FORMATION

[illegible]

FORMATION RECORD—Continued