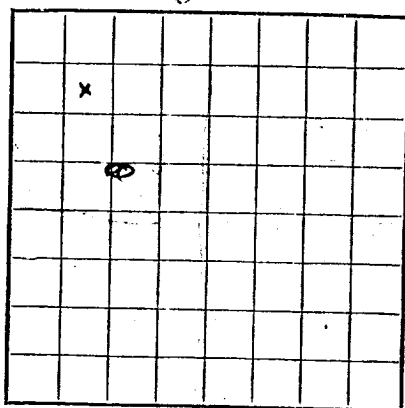


COPY TO O. C. C.

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER NM 05140

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

DEC 18 1953

GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

LOG OF OIL OR GAS WELL

Company J. R. Lockhart

Address Truth or Consequences, N.M.

Lessor or Tract J. R. Lockhart

Field Wildcat State New Mexico

Fed. Well No. 1 Sec. 28 T. 4S R. 6E Meridian N.M.P. County Socorro

Location 1980 ft. [N.] of N. Line and 1980 [E.] of W. Line of Sec. 28 Elevation 5752
(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

Barney Halloran
Title Asst. Surveyor

Date December 14, 1953

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

Commenced drilling April 9, 1953 Finished drilling November 6, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 605 to 610 No. 4, from 2785 to 2835 G.
 No. 2, from 1255 to 1263 No. 5, from 2640 to 2665
 No. 3, from 1340 to 1350 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 275 to 305 No. 3, from 610 to 625
 No. 2, from 450 to 460 No. 4, from 2860 to 2875
 2880 2915

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
16"	40	welded		350 ft.					
8-5/8"	32			340 "		325 ft.			
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Mud used	Mud gravity	Amount of mud used
16"	to 350 ft.	200			
8-5/8"	to 340 ft.	80			
ST50	ST55				
ST32	ST40				
ST00	ST32				

PLUGS AND ADAPTERS

Material	Length	Depth set
Shaving plug—Material		
Adapters—Material		
ST01		
ST02		
ST03		
ST04		

FOLD MARK

Length 114.0 cm Depth set 1000
Size 1000

[illegible]

1000	1015	TIME 2 30 JG
1010	1025	TOOLS USED

t to 1074 feet and

Cable tools were used from _____ feet to _____ feet and from _____ feet to _____ feet.

1810

JTB-2501

The production for the first 24 hours was

Emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

Gasoline per 1,000 cu. ft. of gas -----

EMPLOYEES

1. 1000

680 Supt. Banjo Holloway....., Driller

1110 1130
1120 1150

FORMER RECORD (50 44 40000)

EBCH-	40-	LOLVT EEL	[OVER]	LOPWHVON
-------	-----	-----------	--------	----------

ILLEGIBLE

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION	10-43974-5
625.00	648.00		Gray and red shale	
648.00	660.00		Gray shale and lime	
660.00	670.00		hard sand	
670.00	675.00		gray shale	
675.00	680.00		gray lime	
680.00	685.00		red and gray sand	
685.00	720.00		gray shale	
720.00	725.00		red shale	
725.00	745.00		top Aba formation 738 ft.	
745.00	770.00		red sandy shale	
770.00	820.00		red shale & lime	
820.00	847.00		lime & shale	
847.00	920.00		red shale	
920.00	965.00		red shale & lime	
965.00	1105.00		red shale	
1105.00	1140.00		lime	
1140.00	1215.00		lime & shale	
1215.00	1221.00		red shale of lime	
1221.00	1228.00		hard lime	
1228.00	1255.00		shale	
1255.00	1263.00		sand (oil show)	
1263.00	1290.00		red shale	
1290.00	1300.00		red shale	
1300.00	1315.00		sand & lime	
1315.00	1340.00		shale	
1340.00	1350.00		lime (oil show)	
1350.00	1385.00		shale	
1385.00	1410.00		shale & hard sand	
1410.00	1430.00		gray lime (20 ft. thick)	
1430.00	1455.00		lime & shale	
1455.00	1485.00		red shale	
1485.00	1507.00		lime & shale (hard)	
1507.00	1623.00		hard lime	
1623.00	1642.00		hard gray shale	
1642.00	1668.00		hard lime & shale	
1668.00	1720.00		lime & shale	
1720.00	1750.00		hard lime	
1750.00	1803.00		lime & shale	
1803.00	1810.00		lime & sand	
1810.00	1829.00		lime & shale	
1829.00	1851.00		lime & sand	
1851.00	1870.00		hard lime	
1870.00	1874.00		shale	
1874.00	1900.00		hard shale	
1900.00	1917.00		lime & shale	
1917.00	1930.00		gray lime & shale	
1930.00	1980.00		hard gray lime	
1980.00	1995.00		gray lime, blue shale	
1995.00	2015.00		hard gray lime, streak of shale	
2015.00	2040.00		hard gray lime, shale	
2040.00	2049.00		gray lime & shale	
2049.00	2051.00		brown shale	
2051.00	2060.00		brown shale, gray lime	
2060.00	2100.00		gray lime & shale	
2100.00	2135.00		hard gray lime & shale	
2135.00	2170.00		gray lime, brown shale	
2170.00	2177.00		dark gray lime, very hard	
2177.00	2190.00		hard gray lime	

ILLEGIBLE

COPY TO O.C.C.

LEASE OR PERMIT TO PROSPECT
SERIAL NUMBER 015110
U.S. LAND OFFICE Santa Fe

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

DEC 1 1963

LOG OF OIL OR GAS WELL

• LOCATE WELL CORRECTLY

[illegible]

Date December 14, 1953
 Signed _____
 Title _____
 The information given herewith is a complete and correct record of the well and all work done thereon
 Location 1930 ft. [2] of N. line and 1930 ft. [2] of W. line of Sec. 28
 Sec. 22 T. 42 S. R. 62 E. Meridian N.M.P. _____ County Socorro
 Lessor or Trust _____ J. E. Lockhart
 Field Wildcat _____ State New Mexico
 Company J. E. Lockhart

Commenced drilling April 9, 1922 Finished drilling November 9, 1922

OIL OR GAS SANDS OR ZONES

(D) (Desolate was by G)

No. 1, from	602	to	610	No. 4, from	575	to	583
No. 2, from	1547	to	1550	No. 5, from	581	to	585
No. 3, from	1560	to	1560	No. 6, from		to	

IMPORTANT WATER SANDS

No. 1, from	to	No. 3, from	to
450	500	510	560
No. 2, from	to	No. 4, from	to
450	500	510	560

CASING RECORD

Purpose	Perforated		Cut and pulled from	Kind of shoe	Amount	Makes	Threads per inch	Weight per foot	Size casing
	To—	From—							
					50 lb.		welded	10	8"

continued

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, 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 dynamited, give date, size, position, and number of shots. If pilings or bridges were put in to test for water, state kind of material used, position, and results of pumping or belling.

HISTORY OF OIL OR GAS WELL

LOG NO.	DEPTH	DESCRIPTION	THICKNESS	REMARKS
2078	2075	gray shale		
2079	2075	gray shale		
2080	2075	gray shale		
2081	2075	gray shale		
2082	2075	gray shale		
2083	2075	gray shale		
2084	2075	gray shale		
2085	2075	gray shale		
2086	2075	gray shale		
2087	2075	gray shale		
2088	2075	gray shale		
2089	2075	gray shale		
2090	2075	gray shale		
2091	2075	gray shale		
2092	2075	gray shale		
2093	2075	gray shale		
2094	2075	gray shale		
2095	2075	gray shale		
2096	2075	gray shale		
2097	2075	gray shale		
2098	2075	gray shale		
2099	2075	gray shale		
2100	2075	gray shale		
2101	2075	gray shale		
2102	2075	gray shale		
2103	2075	gray shale		
2104	2075	gray shale		
2105	2075	gray shale		
2106	2075	gray shale		
2107	2075	gray shale		
2108	2075	gray shale		
2109	2075	gray shale		
2110	2075	gray shale		
2111	2075	gray shale		
2112	2075	gray shale		
2113	2075	gray shale		
2114	2075	gray shale		
2115	2075	gray shale		
2116	2075	gray shale		
2117	2075	gray shale		
2118	2075	gray shale		
2119	2075	gray shale		
2120	2075	gray shale		
2121	2075	gray shale		
2122	2075	gray shale		
2123	2075	gray shale		
2124	2075	gray shale		
2125	2075	gray shale		
2126	2075	gray shale		
2127	2075	gray shale		
2128	2075	gray shale		
2129	2075	gray shale		
2130	2075	gray shale		
2131	2075	gray shale		
2132	2075	gray shale		
2133	2075	gray shale		
2134	2075	gray shale		
2135	2075	gray shale		
2136	2075	gray shale		
2137	2075	gray shale		
2138	2075	gray shale		
2139	2075	gray shale		
2140	2075	gray shale		
2141	2075	gray shale		
2142	2075	gray shale		
2143	2075	gray shale		
2144	2075	gray shale		
2145	2075	gray shale		
2146	2075	gray shale		
2147	2075	gray shale		
2148	2075	gray shale		
2149	2075	gray shale		
2150	2075	gray shale		
2151	2075	gray shale		
2152	2075	gray shale		
2153	2075	gray shale		
2154	2075	gray shale		
2155	2075	gray shale		
2156	2075	gray shale		
2157	2075	gray shale		
2158	2075	gray shale		
2159	2075	gray shale		
2160	2075	gray shale		
2161	2075	gray shale		
2162	2075	gray shale		
2163	2075	gray shale		
2164	2075	gray shale		
2165	2075	gray shale		
2166	2075	gray shale		
2167	2075	gray shale		