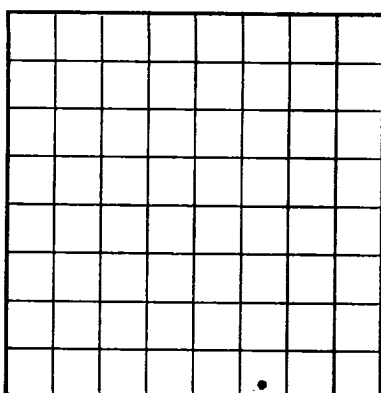




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces.

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Mac. T. Anderson Address Box 95, Artesia, New Mexico
Lessor or Tract NW 1/4 of SE 1/4 Field Leonard State New Mexico
Well No. 14 Sec. 12 T. 17 R. 29 Meridian N.M.P.M. County Eddy
Location 4980 (N.) of S Line and 1980 ft. (E.) of E Line of Sec. 12 Elevation _____
(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 Mac. T. AndersonDate July 17, 1951 Title Owner

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

Commenced drilling April 17th., 19 41 Finished drilling June 13,, 19 41

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2560 to 2575 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 1985 to 2010 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—	
<u>8 1/2"</u>				<u>496'</u>					
<u>7"</u>				<u>2400'</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 1/2"</u>	<u>496</u>	<u>50 sacks</u>	<u>Halliburton</u>		
<u>7"</u>	<u>2400</u>	<u>100 sacks</u>	<u>Halliburton</u>		<u>75 sacks.</u>

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
<u>5"</u>		<u>Nitro-glycerine</u>	<u>60 qts.</u>		<u>2555-2560</u>	
<u>3 1/2"</u>		<u>Nitro-glycerine</u>	<u>do</u>		<u>2560-2571</u>	
<u>5"</u>		<u>Nitro-glycerine</u>	<u>do</u>		<u>2571-2576</u>	

TOOLS USED

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

Cable tools were used from surface feet to total feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing June 13th., 19 41

The production for the first 24 hours was 135 barrels of fluid of which 98 % was oil; 1 % emulsion; 1 % water; and 0 % sediment. Gravity, °Bé. _____

It 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

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>-0-</u>	<u>25</u>		<u>Red shale sandy</u>
<u>25</u>	<u>115</u>		<u>Red rock and sand</u>
<u>115</u>	<u>240</u>		<u>Red shale</u>
<u>240</u>	<u>370</u>		<u>Anhydrite</u>
<u>370</u>	<u>385</u>		<u>White sandy lime</u>
<u>385</u>	<u>390</u>		<u>Red bed</u>
<u>390</u>	<u>400</u>		<u>Anhydrite</u>
<u>400</u>	<u>410</u>		<u>Red bed</u>
<u>410</u>	<u>422</u>		<u>Red shale</u>
<u>422</u>	<u>440</u>		<u>Red rock and gypsum</u>
<u>440</u>	<u>490</u>		<u>Red shale and anhydrite</u>
<u>490</u>	<u>496</u>	<u>run 8 1/2"</u>	<u>Red bed</u>
<u>496</u>	<u>500</u>		<u>Anhydrite</u>
<u>500</u>	<u>920</u>		<u>Salt</u>
<u>920</u>	<u>1095</u>		<u>Red rock and anhydrite</u>
<u>1095</u>	<u>1190</u>		<u>Red bed</u>
<u>1190</u>	<u>1220</u>		<u>Anhydrite (gas-1430')</u>
<u>1220</u>	<u>1985</u>		<u>Anhydrite</u>
<u>1985</u>	<u>2010</u>		<u>Water sand</u>
<u>2010</u>	<u>2125</u>		<u>gray lime</u>
<u>2125</u>	<u>2160</u>		<u>Anhydrite and red shale</u>
<u>2160</u>	<u>2560</u>		<u>Lime</u>
<u>2560</u>	<u>2573</u>		<u>Oil sand</u>
<u>2573</u>	<u>2700</u>		<u>Lime: pink, gray and brown.</u>

(OVER)

16-43094-2

[illegible]

1990-1991	1991-1992	1992-1993	1993-1994	1994-1995	1995-1996	1996-1997	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030	2030-2031	2031-2032	2032-2033	2033-2034	2034-2035	2035-2036	2036-2037	2037-2038	2038-2039	2039-2040	2040-2041	2041-2042	2042-2043	2043-2044	2044-2045	2045-2046	2046-2047	2047-2048	2048-2049	2049-2050	2050-2051	2051-2052	2052-2053	2053-2054	2054-2055	2055-2056	2056-2057	2057-2058	2058-2059	2059-2060	2060-2061	2061-2062	2062-2063	2063-2064	2064-2065	2065-2066	2066-2067	2067-2068	2068-2069	2069-2070	2070-2071	2071-2072	2072-2073	2073-2074	2074-2075	2075-2076	2076-2077	2077-2078	2078-2079	2079-2080	2080-2081	2081-2082	2082-2083	2083-2084	2084-2085	2085-2086	2086-2087	2087-2088	2088-2089	2089-2090	2090-2091	2091-2092	2092-2093	2093-2094	2094-2095	2095-2096	2096-2097	2097-2098	2098-2099	2099-2100	2100-2101	2101-2102	2102-2103	2103-2104	2104-2105	2105-2106	2106-2107	2107-2108	2108-2109	2109-2110	2110-2111	2111-2112	2112-2113	2113-2114	2114-2115	2115-2116	2116-2117	2117-2118	2118-2119	2119-2120	2120-2121	2121-2122	2122-2123	2123-2124	2124-2125	2125-2126	2126-2127	2127-2128	2128-2129	2129-2130	2130-2131	2131-2132	2132-2133	2133-2134	2134-2135	2135-2136	2136-2137	2137-2138	2138-2139	2139-2140	2140-2141	2141-2142	2142-2143	2143-2144	2144-2145	2145-2146	2146-2147	2147-2148	2148-2149	2149-2150	2150-2151	2151-2152	2152-2153	2153-2154	2154-2155	2155-2156	2156-2157	2157-2158	2158-2159	2159-2160	2160-2161	2161-2162	2162-2163	2163-2164	2164-2165	2165-2166	2166-2167	2167-2168	2168-2169	2169-2170	2170-2171	2171-2172	2172-2173	2173-2174	2174-2175	2175-2176	2176-2177	2177-2178	2178-2179	2179-2180	2180-2181	2181-2182	2182-2183	2183-2184	2184-2185	2185-2186	2186-2187	2187-2188	2188-2189	2189-2190	2190-2191	2191-2192	2192-2193	2193-2194	2194-2195	2195-2196	2196-2197	2197-2198	2198-2199	2199-2200	2200-2201	2201-2202	2202-2203	2203-2204	2204-2205	2205-2206	2206-2207	2207-2208	2208-2209	2209-2210	2210-2211	2211-2212	2212-2213	2213-2214	2214-2215	2215-2216	2216-2217	2217-2218	2218-2219	2219-2220	2220-2221	2221-2222	2222-2223	2223-2224	2224-2225	2225-2226	2226-2227	2227-2228	2228-2229	2229-2230	2230-2231	2231-2232	2232-2233	2233-2234	2234-2235	2235-2236	2236-2237	2237-2238	2238-2239	2239-2240	2240-2241	2241-2242	2242-2243	2243-2244	2244-2245	2245-2246	2246-2247	2247-2248	2248-2249	2249-2250	2250-2251	2251-2252	2252-2253	2253-2254	2254-2255	2255-2256	2256-2257	2257-2258	2258-2259	2259-2260	2260-2261	2261-2262	2262-
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 10 rows of squares. A small black dot is located at the bottom center of the page, below the grid.

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

Location of _____ of _____ line and _____ of _____ line of _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____

Lessor or Trust _____

Company _____

important 7.20M banglo

Summary on this page is for the convenience of the user at above date

OIL OR GAS SANDS OR ZONES

No. 1, from	to	SEAS	No. 4, from	to
No. 2, from	to		No. 5, from	to
No. 3, from	to		No. 6, from	to

IMPORTANT WATER SAVING

Case	Condition	Result
(i)	$\alpha \in \mathbb{R}$	$\alpha \in \mathbb{R}$
(ii)	$\alpha \in \mathbb{C}$	$\alpha \in \mathbb{C}$

000000000000

[illegible]

HISTORY OF OIL OR GAS WELL

16-48094-1 U. S. GOVERNMENT PRINTING OFFICE

FROM -	TO -	TOTAL FEET	FORMATION
0-10	10-20	10	Gravelly sand
10-20	20-30	10	Gravelly sand
20-30	30-40	10	Gravelly sand
30-40	40-50	10	Gravelly sand
40-50	50-60	10	Gravelly sand
50-60	60-70	10	Gravelly sand
60-70	70-80	10	Gravelly sand
70-80	80-90	10	Gravelly sand
80-90	90-100	10	Gravelly sand
90-100	100-110	10	Gravelly sand
100-110	110-120	10	Gravelly sand
110-120	120-130	10	Gravelly sand
120-130	130-140	10	Gravelly sand
130-140	140-150	10	Gravelly sand
140-150	150-160	10	Gravelly sand
150-160	160-170	10	Gravelly sand
160-170	170-180	10	Gravelly sand
170-180	180-190	10	Gravelly sand
180-190	190-200	10	Gravelly sand
190-200	200-210	10	Gravelly sand
200-210	210-220	10	Gravelly sand
210-220	220-230	10	Gravelly sand
220-230	230-240	10	Gravelly sand
230-240	240-250	10	Gravelly sand
240-250	250-260	10	Gravelly sand
250-260	260-270	10	Gravelly sand
260-270	270-280	10	Gravelly sand
270-280	280-290	10	Gravelly sand
280-290	290-300	10	Gravelly sand
290-300	300-310	10	Gravelly sand
300-310	310-320	10	Gravelly sand
310-320	320-330	10	Gravelly sand
320-330	330-340	10	Gravelly sand
330-340	340-350	10	Gravelly sand
340-350	350-360	10	Gravelly sand
350-360	360-370	10	Gravelly sand
360-370	370-380	10	Gravelly sand
370-380	380-390	10	Gravelly sand
380-390	390-400	10	Gravelly sand
390-400	400-410	10	Gravelly sand
400-410	410-420	10	Gravelly sand
410-420	420-430	10	Gravelly sand
420-430	430-440	10	Gravelly sand
430-440	440-450	10	Gravelly sand
440-450	450-460	10	Gravelly sand
450-460	460-470	10	Gravelly sand
460-470	470-480	10	Gravelly sand
470-480	480-490	10	Gravelly sand
480-490	490-500	10	Gravelly sand
490-500	500-510	10	Gravelly sand
500-510	510-520	10	Gravelly sand
510-520	520-530	10	Gravelly sand
520-530	530-540	10	Gravelly sand
530-540	540-550	10	Gravelly sand
540-550	550-560	10	Gravelly sand
550-560	560-570	10	Gravelly sand
560-570	570-580	10	Gravelly sand
570-580	580-590	10	Gravelly sand
580-590	590-600	10	Gravelly sand
590-600	600-610	10	Gravelly sand
600-610	610-620	10	Gravelly sand
610-620	620-630	10	Gravelly sand
620-630	630-640	10	Gravelly sand
630-640	640-650	10	Gravelly sand
640-650	650-660	10	Gravelly sand
650-660	660-670	10	Gravelly sand
660-670	670-680	10	Gravelly sand
670-680	680-690	10	Gravelly sand
680-690	690-700	10	Gravelly sand
690-700	700-710	10	Gravelly sand
700-710	710-720	10	Gravelly sand
710-720	720-730	10	Gravelly sand
720-730	730-740	10	Gravelly sand
730-740	740-750	10	Gravelly sand
740-750	750-760	10	Gravelly sand
750-760	760-770	10	Gravelly sand
760-770	770-780	10	Gravelly sand
770-780	780-790	10	Gravelly sand
780-790	790-800	10	Gravelly sand
790-800	800-810	10	Gravelly sand