

Lewis Sand
Fractured through perforations from 3660' to 3700' with 40,000' sand
Injection Rate 63 B.P.M. - treating time 24 min.
45,040 gals. water. BDP 1800' - Max. IP 2200' - Min. IP 1950' -
Injection Rate 57 B.P.M. - treating time 18 min.

Fractured Cylinders
Fractured through perforations from 2802' to 2850' with 40,000' sand
45,360 gals. water. BDP 1600' - Max. IP 2000' - Min. IP 1400' -
Injection Rate 57 B.P.M. - treating time 18 min.
Blowed well 3 hrs. through 2" tubing after 48 hr. shut in & tested.
Gaged 2,740 MCF of gas from Lewis Sand. Taping pressure after 48 hr. shut in 750'.

Blowed well 3 hrs. through 3 1/2" casing after 48 hr. shut in & tested.
Gaged 9,070 MCF of gas from the fractured cylinder formation. Casing pressure after 48 hrs. shut in 715'.

FORMATION RECORD

FORMATION	TOTAL FEET
2802'	137'
2850'	202'
2900'	202'
2950'	202'
3000'	202'
3050'	202'
3100'	202'
3150'	202'
3200'	202'
3250'	202'
3300'	202'
3350'	202'
3400'	202'
3450'	202'
3500'	202'
3550'	202'
3600'	202'
3650'	202'
3700'	202'

TOOLS USED

Tool	Length	Depth
Rotary tools	from 10' to 100'	10' to 100'
Drill pipe	from 10' to 100'	10' to 100'
Adapters	from 10' to 100'	10' to 100'
Plugs	from 10' to 100'	10' to 100'

SHOOTING RECORD

Size	Shots used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
1 1/2"	100	100	100	10/10/50	10'	10'
2"	200	200	200	10/10/50	20'	20'
3"	300	300	300	10/10/50	30'	30'
4"	400	400	400	10/10/50	40'	40'
5"	500	500	500	10/10/50	50'	50'
6"	600	600	600	10/10/50	60'	60'
8"	800	800	800	10/10/50	80'	80'
10"	1000	1000	1000	10/10/50	100'	100'

PLUGS AND ADAPTERS

Material	Length	Depth set
Heavy plug	10'	10'
Adapters	10'	10'

MUDDING AND CEMENTING RECORD

Casing size	Volume of cement	Method used	Mud gravity	Amount of mud used
10"	100	100	100	100
8"	80	80	80	80
6"	60	60	60	60
4"	40	40	40	40
3"	30	30	30	30
2"	20	20	20	20
1 1/2"	15	15	15	15

CASING RECORD

Casing size	Volume of cement	Method used	Mud gravity	Amount of mud used
10"	100	100	100	100
8"	80	80	80	80
6"	60	60	60	60
4"	40	40	40	40
3"	30	30	30	30
2"	20	20	20	20
1 1/2"	15	15	15	15

OIL OR GAS SANDS OR ZONES

Zone	From	To
No. 1	10'	20'
No. 2	20'	30'
No. 3	30'	40'
No. 4	40'	50'
No. 5	50'	60'
No. 6	60'	70'
No. 7	70'	80'
No. 8	80'	90'
No. 9	90'	100'

IMPORTANT WATER SANDS

Zone	From	To
No. 1	10'	20'
No. 2	20'	30'
No. 3	30'	40'
No. 4	40'	50'
No. 5	50'	60'
No. 6	60'	70'
No. 7	70'	80'
No. 8	80'	90'
No. 9	90'	100'

LOG OF OIL OR GAS WELL

U.S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
DISTRICT STATES
ON COM. COM.
JAN 28 1951
APPROVAL
U.S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT
APPROVAL EXPIRES 12-31-50

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

U. S. LAND OFFICE Jicarilla Tribal
SERIAL NUMBER Jicarilla "C"
LEASE OR PERMIT TO PROSPECT -----
Contract #34
Tract #78

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Skelly Oil Company Address Box 126, Farmington, New Mexico
 Lessor or Tract Jicarilla "C" Field S. Blanco - Ext. State New Mexico
 Well No. 10 Sec. 22 T. 25N R. 5W Meridian N.M.P.M. County Rio Arriba
 Location 1190 ft. (N.) of S. Line and 1190 (E.) of W. Line of Section 22 Elevation 6624'
 (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 P. E. Cooper

Date January 22, 1957 Title District Superintendent

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

Commenced drilling ~~November 29~~, 19 ~~56~~ Finished drilling ~~December 24~~, 19 ~~56~~

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ~~6-2800~~ to ~~2850~~-----
 No. 2, from ~~6-3650~~ to ~~3700~~-----
 No. 3, from ----- to -----
 No. 4, from ----- to -----
 No. 5, from ----- to -----
 No. 6, from ----- to -----

IMPORTANT WATER SANDS

No. 1, from ~~none~~ to _____

No. 2, from _____ to _____

No. 3, 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"	32.75#	8r	H-40	204'	Baker				
5-1/2"	24#	8r	J-55	3762'	Comb. Float & Guide		3460'	3700'	Production
							2802'	2850'	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	211'	200	Circulated		
5-1/2"	3760'	400	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 370 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

December 24, 1956 Put to producing _____, 19____

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

If gas well, cu. ft. per 24 hours See reverse Gallons gasoline per 1,000 cu. ft. of gas side.
Rock pressure, lbs. per sq. in. side.

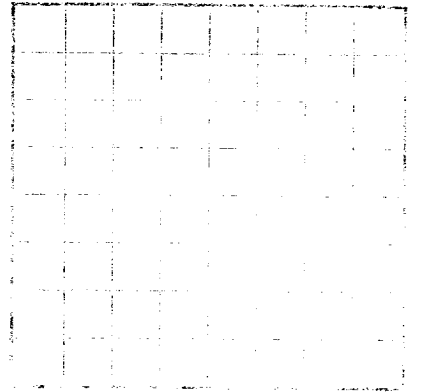
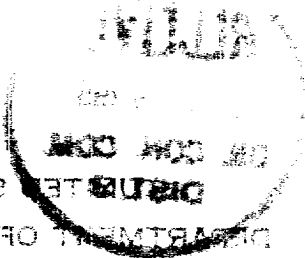
See reverse side.
EMPLOYEES

....., Driller	, Driller
Banner Drilling Company, Driller	, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	2421'	2421'	Sand & Shale
2421'	2663'	242'	Kirtland
2663'	2800'	137'	Fruitland
2800'	2850'	50'	Pictured Cliffs
2850'	3650'	800'	Lewis Formation
3650'	3770'	120'	Lewis Sand

U.S. LAND OFFICE
BUREAU OF LAND MANAGEMENT
LEASE OR PERMIT TO PROSPECT
WATER
THE INTERIOR
SURVEY



LEWY 240 90 40 70 000

[illegible]

1. The first part of the report, which is the most important, is the introduction. This part should be written in a clear and concise manner, and should provide a brief overview of the project and its objectives. It should also include a statement of the problem being addressed, and a description of the methods used to solve the problem.

PAGE TWO

Date of entry into service		Date of exit from service	
1950	1951	1952	1953
1954	1955	1956	1957
1958	1959	1960	1961
1962	1963	1964	1965
1966	1967	1968	1969
1970	1971	1972	1973
1974	1975	1976	1977
1978	1979	1980	1981
1982	1983	1984	1985
1986	1987	1988	1989
1990	1991	1992	1993
1994	1995	1996	1997
1998	1999	2000	2001
2002	2003	2004	2005
2006	2007	2008	2009
2010	2011	2012	2013
2014	2015	2016	2017
2018	2019	2020	2021
2022	2023	2024	2025
2026	2027	2028	2029
2030	2031	2032	2033
2034	2035	2036	2037
2038	2039	2040	2041
2042	2043	2044	2045
2046	2047	2048	2049
2050	2051	2052	2053
2054	2055	2056	2057
2058	2059	2060	2061
2062	2063	2064	2065
2066	2067	2068	2069
2070	2071	2072	2073
2074	2075	2076	2077
2078	2079	2080	2081
2082	2083	2084	2085
2086	2087	2088	2089
2090	2091	2092	2093
2094	2095	2096	2097
2098	2099	2100	2101
2102	2103	2104	2105
2106	2107	2108	2109
2110	2111	2112	2113
2114	2115	2116	2117
2118	2119	2120	2121
2122	2123	2124	2125
2126	2127	2128	2129
2130	2131	2132	2133
2134	2135	2136	2137
2138	2139	2140	2141
2142	2143	2144	2145
2146	2147	2148	2149
2150	2151	2152	2153
2154	2155	2156	2157
2158	2159	2160	2161
2162	2163	2164	2165
2166	2167	2168	2169
2170	2171	2172	2173
2174	2175	2176	2177
2178	2179	2180	2181
2182	2183	2184	2185
2186	2187	2188	2189
2190	2191	2192	2193
2194	2195	2196	2197
2198	2199	2200	2201
2202	2203	2204	2205
2206	2207	2208	2209
2210	2211	2212	2213
2214	2215	2216	2217
2218	2219	2220	2221
2222	2223	2224	2225
2226	2227	2228	2229
2230	2231	2232	2233
2234	2235	2236	2237
2238	2239	2240	2241
2242	2243	2244	2245
2246	2247	2248	2249
2250	2251	2252	2253
2254	2255	2256	2257
2258	2259	2260	2261
2262	2263	2264	2265
2266	2267	2268	2269
2270	2271	2272	2273
2274	2275	2276	2277
2278	2279	2280	2281
2282	2283	2284	2285
2286	2287	2288	2289
2290	2291	2292	2293

IMPORTED WATER SANDS

070529 011240

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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

OSCAR DE LA HUYESA CVA OLIVIERO

FROM-	TO-	TOTAL FEET	FORMATION
			Lewis Sand
			Fractured through perforations from 3660' to 3700' with 40,000# sand & 45,040 gals. water. BDF 1800# - Max. TP 2200# - Min. TP 1950# - Injection Rate 63 B.P.M. - treating time 24 min.
			Fractured through perforations from 2802' to 2850' with 40,000# sand & 45,360 gals. water. BDF 1600# - Max. TP 2000# - Min. TP 1400# - Injection Rate 57 B.P.M. - treating time 18 min.
			Blowed well 3 hrs. through 2" tubing after 48 hr. shut in & tested. Gauged 2,740 MCF of gas from Lewis Sands. Tubing pressure after 48 hr. shut in 750#.
			Blowed well 3 hrs. through 5-1/2" casing after 48 hr. shut in & tested. Gauged 6,070 MCF of gas from the Pictured Cliffs formation. Casing pressure after 48 hrs. shut in 775#.
			Pictured Cliffs