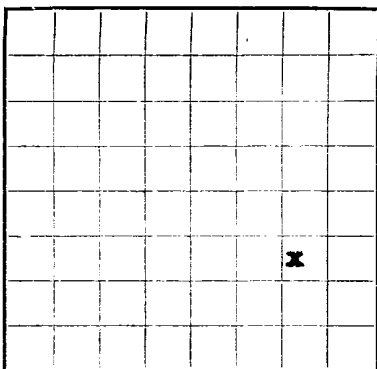




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078902**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**Lilly Lease**

LOG OF OIL OR GAS WELL

Company **BENSON-MONTIN** Address **315 1/2 West Main, Farmington, New Mexico**
Lessor or Tract **Lilly** Field **West Kuts** State **New Mexico**
Well No. **4** Sec. **4** T **27N** R. **12W** Meridian **N.M.P.M.** County **San Juan**
Location **1750** ft. **N.** of **S.** Line and **990** ft. **E.** of **E.** Line of **Section 4** Elevation **5790**
(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 *C. Benson & Montin*Date **March 13, 1953** Title **Field Superintendent**

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

Commenced drilling **October 15**, 19 **52** Finished drilling **December 30**, 19 **52**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1394** to **1473 (G)** 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 _____ 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	
9-5/8"	40#	8	J-55	81'	Tex. Pattern				Surface
(7"	20#	8	J-55	60'					
(6-5/8"	20#	8	LN	1332'	Tex. Pattern				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	90'	50	Pump & Plug		
(7"		200			
(6-5/8"	1403'	w/160 cf stratacrete	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
4"	Tin	SNB	140 qts.	12-20-52	1414-73'	13 1473'

TOOLS USED

Rotary tools were used from **Surface** feet to **1403** feet, and from _____ feet to _____ feetCable tools were used from **1403** feet to **1473** feet, and from _____ feet to _____ feet

Ran tubing

December 23, 19 **52**

DATES

Potential test

Put to producing **December 30**, 19 **52**

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 **2,658,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **435**

EMPLOYEES

Crow, Benson & Montin, Driller **(Rotary)****Benson-Montin**, Driller **(Cable Tools)**

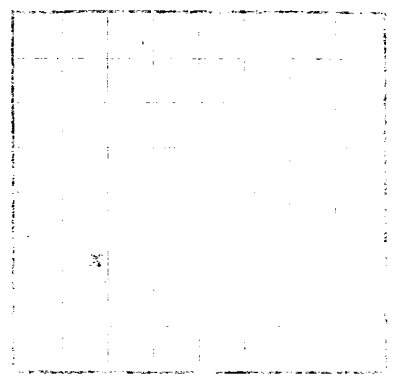
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1377	1377	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
1377	1384	7	Coal
1384	1394	10	Shale
1394	1473	79	Pictured Cliffs Sand

[OVER]

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



12-30-52 State potential test. Pump in pressure 200 psi. Open 3 hours through 2" plug valve. Flowed 2.658 MCF/day. Run 1" tubing to 1465'.
12-23-52 Cleaned out to 1473'. Run 1" tubing to 1465'.
12-17-52 Moved in cable tools.
10-29-52 Tested casing.
10-19-52 Spudded. Set 6-5/8" casing at 90'. Tested casing.
9-29-52 Notice of intention to drill approved by U.S.G.S.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
1465	1473	8	Shale and sandstone, also shales
1473	1500	27	Shale
1500	1530	30	Shale
1530	1545	15	Shale
1545	1555	10	Shale
1555	1565	10	Shale
1565	1575	10	Shale
1575	1585	10	Shale
1585	1595	10	Shale
1595	1605	10	Shale
1605	1615	10	Shale
1615	1625	10	Shale
1625	1635	10	Shale
1635	1645	10	Shale
1645	1655	10	Shale
1655	1665	10	Shale
1665	1675	10	Shale
1675	1685	10	Shale
1685	1695	10	Shale
1695	1705	10	Shale
1705	1715	10	Shale
1715	1725	10	Shale
1725	1735	10	Shale
1735	1745	10	Shale
1745	1755	10	Shale
1755	1765	10	Shale
1765	1775	10	Shale
1775	1785	10	Shale
1785	1795	10	Shale
1795	1805	10	Shale
1805	1815	10	Shale
1815	1825	10	Shale
1825	1835	10	Shale
1835	1845	10	Shale
1845	1855	10	Shale
1855	1865	10	Shale
1865	1875	10	Shale
1875	1885	10	Shale
1885	1895	10	Shale
1895	1905	10	Shale
1905	1915	10	Shale
1915	1925	10	Shale
1925	1935	10	Shale
1935	1945	10	Shale
1945	1955	10	Shale
1955	1965	10	Shale
1965	1975	10	Shale
1975	1985	10	Shale
1985	1995	10	Shale
1995	2005	10	Shale
2005	2015	10	Shale
2015	2025	10	Shale
2025	2035	10	Shale
2035	2045	10	Shale
2045	2055	10	Shale
2055	2065	10	Shale
2065	2075	10	Shale
2075	2085	10	Shale
2085	2095	10	Shale
2095	2105	10	Shale
2105	2115	10	Shale
2115	2125	10	Shale
2125	2135	10	Shale
2135	2145	10	Shale
2145	2155	10	Shale
2155	2165	10	Shale
2165	2175	10	Shale
2175	2185	10	Shale
2185	2195	10	Shale
2195	2205	10	Shale
2205	2215	10	Shale
2215	2225	10	Shale
2225	2235	10	Shale
2235	2245	10	Shale
2245	2255	10	Shale
2255	2265	10	Shale
2265	2275	10	Shale
2275	2285	10	Shale
2285	2295	10	Shale
2295	2305	10	Shale
2305	2315	10	Shale
2315	2325	10	Shale
2325	2335	10	Shale
2335	2345	10	Shale
2345	2355	10	Shale
2355	2365	10	Shale
2365	2375	10	Shale
2375	2385	10	Shale
2385	2395	10	Shale
2395	2405	10	Shale
2405	2415	10	Shale
2415	2425	10	Shale
2425	2435	10	Shale
2435	2445	10	Shale
2445	2455	10	Shale
2455	2465	10	Shale
2465	2475	10	Shale
2475	2485	10	Shale
2485	2495	10	Shale
2495	2505	10	Shale
2505	2515	10	Shale
2515	2525	10	Shale
2525	2535	10	Shale
2535	2545	10	Shale
2545	2555	10	Shale
2555	2565	10	Shale
2565	2575	10	Shale
2575	2585	10	Shale
2585	2595	10	Shale
2595	2605	10	Shale
2605	2615	10	Shale
2615	2625	10	Shale
2625	2635	10	Shale
2635	2645	10	Shale
2645	2655	10	Shale
2655	2665	10	Shale
2665	2675	10	Shale
2675	2685	10	Shale
2685	2695	10	Shale
2695	2705	10	Shale
2705	2715	10	Shale
2715	2725	10	Shale
2725	2735	10	Shale
2735	2745	10	Shale
2745	2755	10	Shale
2755	2765	10	Shale
2765	2775	10	Shale
2775	2785	10	Shale
2785	2795	10	Shale
2795	2805	10	Shale
2805	2815	10	Shale
2815	2825	10	Shale
2825	2835	10	Shale
2835	2845	10	Shale
2845	2855	10	Shale
2855	2865	10	Shale
2865	2875	10	Shale
2875	2885	10	Shale
2885	2895	10	Shale
2895	2905	10	Shale
2905	2915	10	Shale
2915	2925	10	Shale
2925	2935	10	Shale
2935	2945	10	Shale
2945	2955	10	Shale
2955	2965	10	Shale
2965	2975	10	Shale
2975	2985	10	Shale
2985	2995	10	Shale
2995	3005	10	Shale