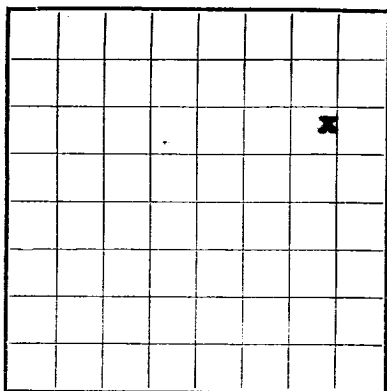




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078828-4**
LEASE OR PERMIT TO PROSPECT **Sec. 29, 644**
Callegos Canyon Unit
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Benson & Martin** Address **1501 REPUBLIC BLDG., OKLAHOMA CITY**Lessor or Tract **GALLEGOS CANYON UNIT** Field **WEST KUTZ** State **NEW MEXICO**Well No. **40** Sec. **29** T. **28N** R. **12W** Meridian **N.M.P.M.** County **SAN JUAN**Location **1770** ft. S. of N. Line and **450** ft. E. of E. Line of **Section 29** Elevation **5587**

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 **September 16, 1953** Signed **Robert H. Green**
Title **Field Supervisor**

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

Commenced drilling **July 14, 1953** Finished drilling **July 2, 1953**

OIL OR GAS SANDS OR ZONES

No. 1, from **1296** to **1346 (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"	32.3#	8	H-40	72'	Tex. Pattern				Surface
(7")	28#	8	H-40	1291'	Tex. Pattern				Production
(7")	17#	8	H-40	1291'	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"	81'	75	Pump & Plug		
7"	1291'	100	" " "		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
4"	Tin	SNC	102 quarts	7-2-53	1303-46	1346

TOOLS USED

Rotary tools were used from **73** feet to **1291** feet, and from _____ feet to _____ feetCable tools were used from **(Surface)** feet to **73** feet, and from _____ feet to _____ feet

Ran Tubing

July 9

1953

DAYS

State Potential Test:

Put to producing **September 12**, 19**53**

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 **3,165,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **462.3**

EMPLOYEES

Grow, Benson & Martin, Driller **(Rotary)** _____, Driller**Benson-Martin**, Driller **(Cable Tools)** _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1282	1282	Surface Sand and Shale, Ojo Alamo, Kirtland and Fruitland Formations
1282	1292	10	Coal
1292	1296	4	Shale
1296	1346	70	Pictured Cliffs Sand

FROM—	TO—	TOTAL FEET	FORMATION
1300	1305	5	Shale
1305	1310	5	Shale
1310	1315	5	Shale
1315	1320	5	Shale
1320	1325	5	Shale
1325	1330	5	Shale
1330	1335	5	Shale
1335	1340	5	Shale
1340	1345	5	Shale
1345	1350	5	Shale
1350	1355	5	Shale
1355	1360	5	Shale
1360	1365	5	Shale
1365	1370	5	Shale
1370	1375	5	Shale
1375	1380	5	Shale
1380	1385	5	Shale
1385	1390	5	Shale
1390	1395	5	Shale
1395	1400	5	Shale
1400	1405	5	Shale
1405	1410	5	Shale
1410	1415	5	Shale
1415	1420	5	Shale
1420	1425	5	Shale
1425	1430	5	Shale
1430	1435	5	Shale
1435	1440	5	Shale
1440	1445	5	Shale
1445	1450	5	Shale
1450	1455	5	Shale
1455	1460	5	Shale
1460	1465	5	Shale
1465	1470	5	Shale
1470	1475	5	Shale
1475	1480	5	Shale
1480	1485	5	Shale
1485	1490	5	Shale
1490	1495	5	Shale
1495	1500	5	Shale
1500	1505	5	Shale
1505	1510	5	Shale
1510	1515	5	Shale
1515	1520	5	Shale
1520	1525	5	Shale
1525	1530	5	Shale
1530	1535	5	Shale
1535	1540	5	Shale
1540	1545	5	Shale
1545	1550	5	Shale
1550	1555	5	Shale
1555	1560	5	Shale
1560	1565	5	Shale
1565	1570	5	Shale
1570	1575	5	Shale
1575	1580	5	Shale
1580	1585	5	Shale
1585	1590	5	Shale
1590	1595	5	Shale
1595	1600	5	Shale
1600	1605	5	Shale
1605	1610	5	Shale
1610	1615	5	Shale
1615	1620	5	Shale
1620	1625	5	Shale
1625	1630	5	Shale
1630	1635	5	Shale
1635	1640	5	Shale
1640	1645	5	Shale
1645	1650	5	Shale
1650	1655	5	Shale
1655	1660	5	Shale
1660	1665	5	Shale
1665	1670	5	Shale
1670	1675	5	Shale
1675	1680	5	Shale
1680	1685	5	Shale
1685	1690	5	Shale
1690	1695	5	Shale
1695	1700	5	Shale
1700	1705	5	Shale
1705	1710	5	Shale
1710	1715	5	Shale
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

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 the 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.

5-13-53 "Notice of Intention to Drill" approved by U.S.G.S. Moved in cable tools. Spudded. TD 73'. Set 9-5/8" casing. Moved in rotary. Tested 9-5/8" casing. TD 1291'. Set 7" casing. Moved in cable tools. Tested 7" casing. Drilled 1292-1293'. Recovered 6" shale.

6-29-53 Drilled 1293-1294'. Recovered 6" shale. Drilled 1294-1295'. Recovered 5' mainly unconsolidated sand. Cored 1308-1309'. Recovered 1' of unconsolidated sand. Cored 1309-1309'. No recovery. Drilled to TD 1366'. Pumped back to 1346' with gravel. Shot from 1303-46' with 103 grains and. Cased out to 1346'. Ran 64 joints 1" tubing to 1338'. 9-12-53 Made Potential Test.

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES

Approved: _____
Special Agent in Charge
U. S. LAND OFFICE
Bureau of Reclamation
Washington, D. C.

