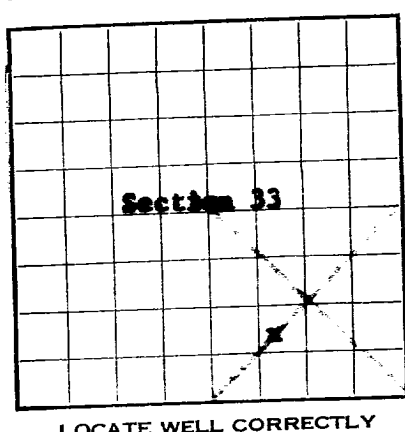


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **SF 079429**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Sher-Alan Oil Company** Address **1402 Denver U. S. Nat'l Center**
Lessor or Tract **Denny-Federal** Field **So. Blanco PC** State **New Mexico**
Well No. **2** Sec. **33** T. **24N** R. **2W** Meridian **NMPM** County **Rio Arriba**
Location **790** ft. [N] of **S** Line and **1850** ft. [W] of **E** Line of **SK/4** Elevation **7162**
(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 **Richard S. Hunt**Date **September 30, 1963** Title **Mgr. of Lands & Explorations**

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

Commenced drilling **1-30-63**, 19 Finished drilling **2-4-63**, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2951** to **2955** No. 4, from _____
No. 2, from **2981** to **2996** No. 5, from _____
No. 3, from _____ to _____ No. 6, from _____

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—	
8 5/8"	240	8V	API	103'			2951	2955	
4 1/2"	100	8V	API	300'			2955	2996	
1 1/4"	20	8V	API	792'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	102'	60	Halliburton		
4 1/2"	300'	100	"		

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

TOOLS USED

Rotary tools were used from **0** feet to **3100** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19 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 **1654 MCF** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **953**

EMPLOYEES

Rayco Drilling Company, Driller _____, Driller
Farmington, New Mexico, Driller _____, Driller

FORMATION RECORD

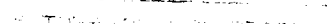
FROM—	TO—	TOTAL FEET	FORMATION
2600	2792		Ojo Alamo
2792	2884		Kirtland
2884	2947		Fruitland
2948	3100 TD		Pictured Cliffs

Perforated as shown above with 2 holes per foot. Frac treated down casing with 30,000# sand and 32,000 gallons water. Breakdown pressure 1600 psi. Treating pressure 2000 psi. Instant shut-in pressure 400 psi. Injection rate 38 BPM. Ran 1 1/4" upset hst tubing to 2925'.

Ran 3 hr back pressure test 8-6-63. ~~ENH~~ Charts attached.

[OVER]

FORMATION RECORD—CONTINUED



LOG OF OIL OR GAS WELL

[illegible]

Continued on page 2

SINCE NO SIGNAL HAS YET BEEN
 RECEIVED FROM THE

Year	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
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	

20746 RETAW THATCHOM

[illegible][illegible]

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 rings 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.

10-48004-2
U. S. GOVERNMENT PRINTING OFFICE

INFORMATION		TOTAL FEE	
1. Name of the person or organization	2. Address	3. Amount of the fee	4. Date of payment
5. Name of the person or organization	6. Address	7. Amount of the fee	8. Date of payment
9. Name of the person or organization	10. Address	11. Amount of the fee	12. Date of payment
13. Name of the person or organization	14. Address	15. Amount of the fee	16. Date of payment
17. Name of the person or organization	18. Address	19. Amount of the fee	20. Date of payment
21. Name of the person or organization	22. Address	23. Amount of the fee	24. Date of payment
25. Name of the person or organization	26. Address	27. Amount of the fee	28. Date of payment
29. Name of the person or organization	30. Address	31. Amount of the fee	32. Date of payment
33. Name of the person or organization	34. Address	35. Amount of the fee	36. Date of payment
37. Name of the person or organization	38. Address	39. Amount of the fee	40. Date of payment
41. Name of the person or organization	42. Address	43. Amount of the fee	44. Date of payment
45. Name of the person or organization	46. Address	47. Amount of the fee	48. Date of payment
49. Name of the person or organization	50. Address	51. Amount of the fee	52. Date of payment
53. Name of the person or organization	54. Address	55. Amount of the fee	56. Date of payment
57. Name of the person or organization	58. Address	59. Amount of the fee	60. Date of payment
61. Name of the person or organization	62. Address	63. Amount of the fee	64. Date of payment
65. Name of the person or organization	66. Address	67. Amount of the fee	68. Date of payment
69. Name of the person or organization	70. Address	71. Amount of the fee	72. Date of payment
73. Name of the person or organization	74. Address	75. Amount of the fee	76. Date of payment
77. Name of the person or organization	78. Address	79. Amount of the fee	80. Date of payment
81. Name of the person or organization	82. Address	83. Amount of the fee	84. Date of payment
85. Name of the person or organization	86. Address	87. Amount of the fee	88. Date of payment
89. Name of the person or organization	90. Address	91. Amount of the fee	92. Date of payment
93. Name of the person or organization	94. Address	95. Amount of the fee	96. Date of payment
97. Name of the person or organization	98. Address	99. Amount of the fee	100. Date of payment

FORMATION RECORD—Continued