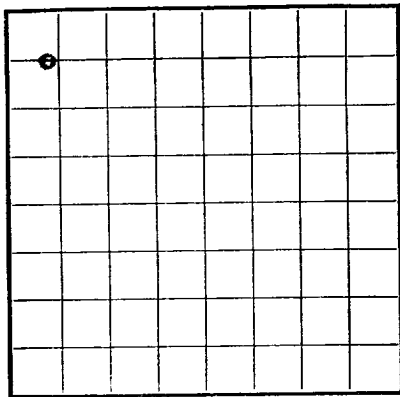


Form 9-380



LOCATE WELL CORRECTLY

RECEIVED

AUG 27 1962

O.L.C.
ARTESIA, N.M.

Copy

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

Santa Fe

028973 (b)

RECEIVED

AUG 24 1962

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Reading and Bates, Inc. Address 1101 Philtower Bldg., Tulsa 3, Okla.
Lessor or Tract Simms Field No. Benson State New Mexico
Well No. 4 Sec. 34 T. 18S R. 30E Meridian N. M. P. M. County Eddy
Location 660 ft. [X] of N Line and 610 ft. [X] of W Line of Section 34 Elevation 3458 Gnd.
(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 D. G. Campbell
Title Exploration Geologist

Date August 16, 1962Title Exploration Geologist

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

Commenced drilling June 23, 1962 Finished drilling August 4, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2781 to 2824 No. 4, from _____ to _____
No. 2, from 2897 to 2912 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	
<u>8-5/8"</u>	<u>245</u>	<u>32</u>	<u>Used</u>	<u>626</u>	<u>Halliburton</u>	<u>Surface</u>	<u>2786</u>	<u>2790</u>	<u>Acid</u>
<u>4-1/2"</u>	<u>95</u>	<u>24</u>	<u>API</u>	<u>3377</u>	<u>Slip. Float</u>	<u>2798</u>	<u>2802</u>	<u>& frac. treat.</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>626'</u>	<u>100</u>	<u>Halliburton</u>		<u>Hole full</u>
<u>4-1/2"</u>	<u>3377</u>	<u>425</u>	<u>Pump</u>	<u>9.5</u>	<u>Hole full</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

TOOLS USED

Rotary tools were used from 2906 feet to 3377 feet, and from _____ feet to _____ feet
Cable tools were used from surface feet to 2906 feet, and from _____ feet to _____ feet

DATES

August 16, 1962 Put to producing August 14, 1962

The production for the first 24 hours was 240 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 370

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

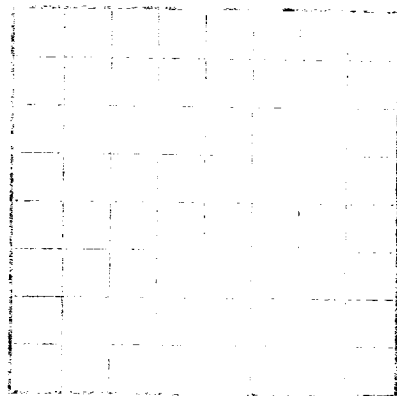
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	296		Red beds and sand <u>Rustler</u>
296	612		<u>Anhydrite and shale</u>
612	1530		<u>Salt</u>
1530	1956		<u>Anhydrite and shale</u>
			<u>Yates</u>
1956	2015		<u>Sand and dolomite</u>
2015	2781		<u>Anhydrite, dolomite & interbedded red & gr. sh.</u>
			<u>Queen</u>
2781	2824		<u>Red-grey sandstone, some oil saturation, silty, s/por. per. vfg.</u>
2824	2897		<u>Dolomite and anhydrite</u>
			<u>Middle Queen</u>
2897	2912		<u>Red-grey, vfg.-lg. porous, silty, sand with oil saturation</u>
2912	2998		<u>Buff-grey, dense dolomite w/anhydrite</u>

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



1. Name of well
2. Location
3. Date of completion
4. Name of operator
5. Name of driller
6. Name of logger
7. Name of recorder
8. Name of checker
9. Name of supervisor
10. Name of engineer
11. Name of geologist
12. Name of geophysicist
13. Name of chemist
14. Name of physicist
15. Name of biologist
16. Name of meteorologist
17. Name of astronomer
18. Name of geodesist
19. Name of hydrographer
20. Name of cartographer

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HISTORY OF OIL OR GAS WELL

DATE	DESCRIPTION	AMOUNT	UNIT
1900	Drilled with cable tools to 626. Set 8 5/8" casing at 626 with 100 sack cement 6% gel.		
1901	Drilled to 6906. Well unloaded oil and blew gas. Killed with brine. Moved to Rotary rig. Drilled to T. D. 3377 (Ground). Set 8 5/8" casing at 3377 with 425 sacks 2% gel.		
1902	Ran Lane Wells R. A. Log and perforated U. Queen 2786-90 and 2798-2802 with 2 jet holes per foot. Spotted 500 gal. acid broke at 3800#. Fraced with 30,000 gals.		
1903	10 B.O.P.H. 240 B.O.P.D. IMPORTANT WATER SANDS		

SHOOTING RECORD

DATE	TIME	DEPTH	SHOT	RESULT
1900	10:00	626	100	OK
1901	10:00	6906	100	OK
1902	10:00	3377	100	OK
1903	10:00	3800	100	OK

PLUGS AND ABANDONS

DATE	DEPTH	PLUG	ABANDON
1900	626	100	OK
1901	6906	100	OK
1902	3377	100	OK
1903	3800	100	OK

TOOLS USED

DATE	TOOL	USED
1900	100	OK
1901	100	OK
1902	100	OK
1903	100	OK

EMPLOYEES

DATE	EMPLOYEE	POSITION
1900	100	OK
1901	100	OK
1902	100	OK
1903	100	OK

FORMATION RECORD

DATE	FORMATION	DEPTH	THICKNESS	REMARKS
1900	296	612	612	Reference 3458' Ground
1901	296	612	612	Reference 3458' Ground
1902	296	612	612	Reference 3458' Ground
1903	296	612	612	Reference 3458' Ground
1904	296	612	612	Reference 3458' Ground
1905	296	612	612	Reference 3458' Ground
1906	296	612	612	Reference 3458' Ground
1907	296	612	612	Reference 3458' Ground
1908	296	612	612	Reference 3458' Ground
1909	296	612	612	Reference 3458' Ground
1910	296	612	612	Reference 3458' Ground
1911	296	612	612	Reference 3458' Ground
1912	296	612	612	Reference 3458' Ground
1913	296	612	612	Reference 3458' Ground
1914	296	612	612	Reference 3458' Ground
1915	296	612	612	Reference 3458' Ground
1916	296	612	612	Reference 3458' Ground
1917	296	612	612	Reference 3458' Ground
1918	296	612	612	Reference 3458' Ground
1919	296	612	612	Reference 3458' Ground
1920	296	612	612	Reference 3458' Ground
1921	296	612	612	Reference 3458' Ground
1922	296	612	612	Reference 3458' Ground
1923	296	612	612	Reference 3458' Ground
1924	296	612	612	Reference 3458' Ground
1925	296	612	612	Reference 3458' Ground
1926	296	612	612	Reference 3458' Ground
1927	296	612	612	Reference 3458' Ground
1928	296	612	612	Reference 3458' Ground
1929	296	612	612	Reference 3458' Ground
1930	296	612	612	Reference 3458' Ground
1931	296	612	612	Reference 3458' Ground
1932	296	612	612	Reference 3458' Ground
1933	296	612	612	Reference 3458' Ground
1934	296	612	612	Reference 3458' Ground
1935	296	612	612	Reference 3458' Ground
1936	296	612	612	Reference 3458' Ground
1937	296	612	612	Reference 3458' Ground
1938	296	612	612	Reference 3458' Ground
1939	296	612	612	Reference 3458' Ground
1940	296	612	612	Reference 3458' Ground
1941	296	612	612	Reference 3458' Ground
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1949	296	612	612	Reference 3458' Ground
1950	296	612	612	Reference 3458' Ground
1951	296	612	612	Reference 3458' Ground
1952	296	612	612	Reference 3458' Ground
1953	296	612	612	Reference 3458' Ground
1954	296	612	612	Reference 3458' Ground
1955	296	612	612	Reference 3458' Ground
1956	296	612	612	Reference 3458' Ground
1957	296	612	612	Reference 3458' Ground
1958	296	612	612	Reference 3458' Ground
1959	296	612	612	Reference 3458' Ground
1960	296	612	612	Reference 3458' Ground
1961	296	612	612	Reference 3458' Ground
1962	296	612	612	Reference 3458' Ground
1963	296	612	612	Reference 3458' Ground
1964	296	612	612	Reference 3458' Ground
1965	296	612	612	Reference 3458' Ground
1966	296	612	612	Reference 3458' Ground
1967	296	612	612	Reference 3458' Ground
1968	296	612	612	Reference 3458' Ground
1969	296	612	612	Reference 3458' Ground
1970	296	612	612	Reference 3458' Ground
1971	296	612	612	Reference 3458' Ground
1972	296	612	612	Reference 3458' Ground
1973	296	612	612	Reference 3458' Ground
1974	296	612	612	Reference 3458' Ground
1975	296	612	612	Reference 3458' Ground
1976	296	612	612	Reference 3458' Ground
1977	296	612	612	Reference 3458' Ground
1978	296	612	612	Reference 3458' Ground
1979	296	612	612	Reference 3458' Ground
1980	296	612	612	Reference 3458' Ground
1981	296	612	612	Reference 3458' Ground
1982	296	612	612	Reference 3458' Ground
1983	296	612	612	Reference 3458' Ground
1984	296	612	612	Reference 3458' Ground
1985	296	612	612	Reference 3458' Ground
1986	296	612	612	Reference 3458' Ground
1987	296	612	612	Reference 3458' Ground
1988	296	612	612	Reference 3458' Ground
1989	296	612	612	Reference 3458' Ground
1990	296	612	612	Reference 3458' Ground
1991	296	612	612	Reference 3458' Ground
1992	296	612	612	Reference 3458' Ground
1993	296	612	612	Reference 3458' Ground
1994	296	612	612	Reference 3458' Ground
1995	296	612	612	Reference 3458' Ground
1996	296	612	612	Reference 3458' Ground
1997	296	612	612	Reference 3458' Ground
1998	296	612	612	Reference 3458' Ground
1999	296	612	612	Reference 3458' Ground
2000	296	612	612	Reference 3458' Ground