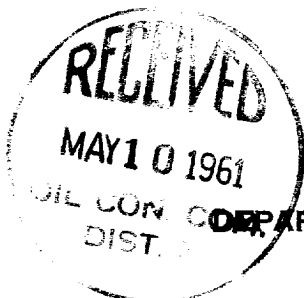


A 10x10 grid with a bold 'x' in the 7th column and 3rd row from the bottom.

LOCATE WELL CORRECTLY



U. S. LAND OFFICE NAVAJO
SERIAL NUMBER 14-20-603-5036
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company ROYAL DEVELOPMENT CO Address BOX 1299 ALBUQUERQUE N M
Lessor or Tract NAVAJO Field SHIPROCK GALL State N MEX
Well No. SHIPROCK 17
Well No. X 1-3 Sec. 17 T. 29N R. 18W Meridian NMP County SAN JUAN
Location 1650 ft. N of S Line and 990 ft. E of E Line of Sec. 17 Elevation 5198.87 GL
(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 W. J. [Signature]

Date 5-6-61 Title C-F STRIPPER PROD SUPT
The summary on this page is for the condition of the well at above date.

Commenced drilling 3-22-61, 1961 Finished drilling 3-23-61, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 87 to 95 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 ~~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—	
It is of the greatest importance to have a complete history of the well. Please state in detail the date of requiring, together with the reasons for the work and its results. If there were any changes made in the casing state such and if any casing was									
HISTORY OF OIL OR GAS WELL									
							10-4340-5	8 COLONNAMES	ESTIMATING OFFICE

MUDDING AND CEMENTING RECORD

[illegible]

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
	(NOTE	GALLUP TOP	57'	FROM GL)		

TOOLS USED

Rotary tools were used from 0 feet to 110 TD feet, and from feet to feet

Cable tools were used from none feet to feet, and from feet to feet

DATES

3 24 61	19	Put to producing	same	19
The production at rate of	12	barrels of fluid of which	100	0
emulsion; 0 % water; and 0 % sediment.		Gravity, °Bé.	51	
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	O L RAY DRILLING C GRANT GILHAM	
		, Driller		

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

B. 1970-1971
 1970-1971

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TOC OF OIL OR GAS WELL

LOCAL CONFIDENTIAL

The first section above is a complete and correct record of the well and all work done thereon
There can be determined from all available records
[5] of [12] of [17]
[15] of [20] of [25]
[30] of [35] of [40]
[45] of [50] of [55]
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[2910] of [2915] of [29

This _____
I have company on this page is for the condition of the well at above date.

Clean need filling _____
Finished drilling _____

OUT OF GAS SAMPLE OR ZONES

(Devotees are 64)

.....	01		month, 1.6%		01		month, 1.6%
.....	02		month, 1.6%		02		month, 1.6%
.....	03		month, 1.6%		03		month, 1.6%

IMPORTANT WATER SAVING

of month, 1967 of month, 1967
of month, 1967 of month, 1967

CASING RECORD

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 "slacked" or left in the well, give the 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.

Drilling Contract No.	Date Completed	Depth in feet	Amount of casing	Kind of pipe	Cut and baffle logs	Location of well	Purpose

~~HISTORY OF OIL OR GAS WELL~~

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

RECORDING AND CEMENTING RECORD

Year	Number of persons	Method used	Kind of injury	Amount of loss
1901	1	...	...	...
1902	1	...	...	...
1903	1	...	...	...
1904	1	...	...	...
1905	1	...	...	...
1906	1	...	...	...
1907	1	...	...	...
1908	1	...	...	...
1909	1	...	...	...
1910	1	...	...	...
1911	1	...	...	...
1912	1	...	...	...
1913	1	...	...	...
1914	1	...	...	...
1915	1	...	...	...
1916	1	...	...	...
1917	1	...	...	...
1918	1	...	...	...
1919	1	...	...	...
1920	1	...	...	...
1921	1	...	...	...
1922	1	...	...	...
1923	1	...	...	...
1924	1	...	...	...
1925	1	...	...	...
1926	1	...	...	...
1927	1	...	...	...
1928	1	...	...	...
1929	1	...	...	...
1930	1	...	...	...
1931	1	...	...	...
1932	1	...	...	...
1933	1	...	...	...
1934	1	...	...	...
1935	1	...	...	...
1936	1	...	...	...
1937	1	...	...	...
1938	1	...	...	...
1939	1	...	...	...
1940	1	...	...	...
1941	1	...	...	...
1942	1	...	...	...
1943	1	...	...	...
1944	1	...	...	...
1945	1	...	...	...
1946	1	...	...	...
1947	1	...	...	...
1948	1	...	...	...
1949	1	...	...	...
1950	1	...	...	...
1951	1	...	...	...
1952	1	...	...	...
1953	1	...	...	...
1954	1	...	...	...
1955	1	...	...	...
1956	1	...	...	...
1957	1	...	...	...
1958	1	...	...	...
1959	1	...	...	...
1960	1	...	...	...
1961	1	...	...	...
1962	1	...	...	...
1963	1	...	...	...
1964	1	...	...	...
1965	1	...	...	...
1966	1	...	...	...
1967	1	...	...	...
1968	1	...	...	...
1969	1	...	...	...
1970	1	...	...	...
1971	1	...	...	...
1972	1	...	...	...
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1974	1	...	...	...
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1977	1	...	...	...
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1980	1	...	...	...
1981	1	...	...	...
1982	1	...	...	...
1983	1	...	...	...
1984	1	...	...	...
1985	1	...	...	...
1986	1	...	...	...
1987	1	...	...	...
1988	1	...	...	...
1989	1	...	...	...
1990	1	...	...	...
1991	1	...	...	...
1992	1	...	...	...
1993	1	...	...	...
1994	1	...	...	...
1995	1	...	...	...
1996	1	...	...	...

PLUGS AND ADAPTERS

Headings - Material	Length	Depth set
Headings - Material	Size	

SHOOTING RECORD

Size	Depth used	Exposure used	Quantity	Date	Depth cleared
100	100	100	100	100	100

Q. 2001

Graphic tools were used from	test to	test and from	test to
Graphic tools were used from	test to	test and from	test to

DATA

Rock overburden 100 feet thick.
It gradually increased to 24 hours.
The production for the first 24 hours was 10
cubic feet of water and 6 cubic feet of sediment.
The production for the first 24 hours was 10
barrels of fluid of which 8 was oil; 2
Total production 10 barrels.

EMPLOYEES

[illegible]

010002 001 1111000

FROM-	TO-	TOTAL FEET	FORMATION