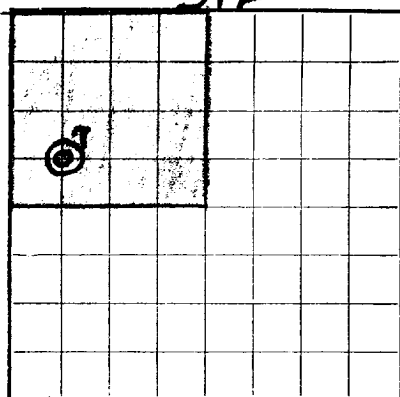


U. S. LAND OFFICE **L.C.**
SERIAL NUMBER **032452 (B)**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Samedan Oil Corporation** Address **Box 959, Ardmore, Oklahoma**
Lessor or Tract **Hughes B-4** Completion **Dual** Field **Jalmet** State **New Mexico**
Well No. **7** Sec. **17** T. **23S** R. **37E** Meridian **NMPM** County **Lea**
Location **1980** ft. **XX** of **N** Line and **660** ft. **XX** of **W** Line of **Section 17** Elevation **3328'**
(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 **George E. Trumble**
Date **September 24, 1954** Title **Petroleum Engineer**

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

Commenced drilling **July 27,** 19 **54** Finished drilling **August 29,** 19 **54**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2688** to **2750 G** No. 4, from **3554** to **3570 O11**
No. 2, from **2872** to **3184 G** No. 5, from **3584** to **3598 O11**
No. 3, from _____ to _____ No. 6, from **3616** to **3618 O11**

IMPORTANT WATER SANDS

No. 1, from **40** to **70** 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—	
10-3/4	32.75	8 rd	H-40	288	Howco				Surface Wtr. Oil String
7"	23 3/4	8 rd	J-55	3460	Howco				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	289	275 sxs. Neat	Halliburton	(Circulated cement)	
7"	3459	675 sxs. Neat	Halliburton	(Top of cement 1410')	

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 **Surface** feet to **3465** feet, and from _____ feet to _____ feet
Cable tools were used from **3465** feet to **3630** feet, and from _____ feet to _____ feet

DATES

September 15, 19 **54** Put to producing **September 15,** 19 **54**

The production for the first 24 hours was **264** barrels of fluid of which **100** % was oil; _____ %
emulsion; **0** % water; and **0** % sediment. Gravity, °Bé. **37.6 API**

If gas well, cu. ft. per 24 hours **E 50 MCF** Gallons gasoline per 1,000 cu. ft. of gas **0.25**

Rock pressure, lbs. per sq. in. **1050**

EMPLOYEES

J. W. Payne, Jr., Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	Surface sand & caliche
40	70	30	Sand & caliche
70	850	680	Red bed & shale
850	1130	280	Red Bed & sand
1130	1250	120	Anhydrite & traces of salt
1250	2540	1290	Salt & anhydrite & red shale
2540	2690	150	Anhydrite & Dolomite
2690	2910	220	Sand, Dolomite (Yates), anhydrite
2910	3404	494	Dolomite, sand & anhydrite *Seven Rivers
3404	3480	76	Dolomite (Queen)
3480	3540	60	Sand and Dolomite
3540	3554	14	Dolomite and traces of sand
3554	3570	16	Sand (show of oil)
3570	3584	14	Dolomite
3584	3598	14	Sand (good show of oil)
3598	3602	4	Dolomite
3602	3608	6	Sand (light show of oil)
3608	3616	8	Dolomite
3616	3618	2	Sand (light show of oil)
3618	3630	12	Dolomite

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LEW 240 90 440 70 000



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[Faint, mostly illegible text from the reverse side of the document, appearing as bleed-through or ghosting.]

The source of this page is for the information of the above date.

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ATOPOLITE WATER SANDS	
No. 8, from 100	No. 11, from 100
No. 8, from 100	No. 11, from 100

DATE	DESCRIPTION	AMOUNT	BALANCE
1911	...	...	...
1912	...	...	...
1913	...	...	...
1914	...	...	...
1915	...	...	...
1916	...	...	...
1917	...	...	...
1918	...	...	...
1919	...	...	...
1920	...	...	...
1921	...	...	...
1922	...	...	...
1923	...	...	...
1924	...	...	...
1925	...	...	...
1926	...	...	...
1927	...	...	...
1928	...	...	...
1929	...	...	...
1930	...	...	...
1931	...	...	...
1932	...	...	...
1933	...	...	...
1934	...	...	...
1935	...	...	...
1936	...	...	...
1937	...	...	...
1938	...	...	...
1939	...	...	...
1940	...	...	...
1941	...	...	...
1942	...	...	...
1943	...	...	...
1944	...	...	...
1945	...	...	...
1946	...	...	...
1947	...	...	...
1948	...	...	...
1949	...	...	...
1950	...	...	...
1951	...	...	...
1952	...	...	...
1953	...	...	...
1954	...	...	...
1955	...	...	...
1956	...	...	...
1957	...	...	...
1958	...	...	...
1959	...	...	...
1960	...	...	...
1961	...	...	...
1962	...	...	...
1963	...	...	...
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	...		

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 plugs 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

[illegible]

SECRET

Case No.	Case Name	Case Type	Case Status	Case Date	Case Time	Case Location	Case Description	Case Action	Case Result	Case Comment
1	Case 1	Case Type 1	Case Status 1	Case Date 1	Case Time 1	Case Location 1	Case Description 1	Case Action 1	Case Result 1	Case Comment 1
2	Case 2	Case Type 2	Case Status 2	Case Date 2	Case Time 2	Case Location 2	Case Description 2	Case Action 2	Case Result 2	Case Comment 2
3	Case 3	Case Type 3	Case Status 3	Case Date 3	Case Time 3	Case Location 3	Case Description 3	Case Action 3	Case Result 3	Case Comment 3
4	Case 4	Case Type 4	Case Status 4	Case Date 4	Case Time 4	Case Location 4	Case Description 4	Case Action 4	Case Result 4	Case Comment 4
5	Case 5	Case Type 5	Case Status 5	Case Date 5	Case Time 5	Case Location 5	Case Description 5	Case Action 5	Case Result 5	Case Comment 5
6	Case 6	Case Type 6	Case Status 6	Case Date 6	Case Time 6	Case Location 6	Case Description 6	Case Action 6	Case Result 6	Case Comment 6
7	Case 7	Case Type 7	Case Status 7	Case Date 7	Case Time 7	Case Location 7	Case Description 7	Case Action 7	Case Result 7	Case Comment 7
8	Case 8	Case Type 8	Case Status 8	Case Date 8	Case Time 8	Case Location 8	Case Description 8	Case Action 8	Case Result 8	Case Comment 8
9	Case 9	Case Type 9	Case Status 9	Case Date 9	Case Time 9	Case Location 9	Case Description 9	Case Action 9	Case Result 9	Case Comment 9
10	Case 10	Case Type 10	Case Status 10	Case Date 10	Case Time 10	Case Location 10	Case Description 10	Case Action 10	Case Result 10	Case Comment 10

[illegible]

1961-1962

[illegible]

11-12-1964

[illegible]

edificios de brasa	05	1	05
planta de brasa	020	120	02
brasa de brasa	021	021	02
brasa de brasa	022	022	02

[illegible]

Polonite and traces of sand	10	100	100
Sand and Polonite	10	100	100
Polonite (green)	10	100	100
Polonite with a little sand	10	100	100

Band (10 to 15)	10	1000	1000
Band (15 to 20)	15	1500	1500
Band (20 to 25)	20	2000	2000
Band (25 to 30)	25	2500	2500

(file to main sigil) base	1	100%	100%
base	1	100%	100%
(file to main sigil) base	1	100%	100%
base	1	100%	100%

FROM-	TO-	TOTAL FEET	FORMATION