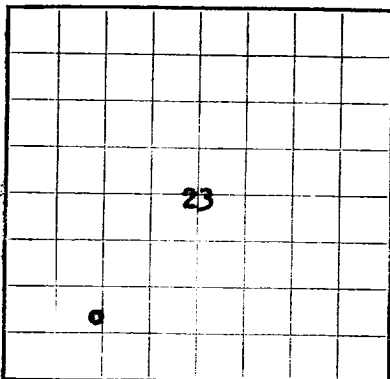


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 079634-A
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

RECEIVED
DEC 21 1962
U.S. AIR FORCE
POST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company ----- **Southern Union Production Co.** Address ----- **Box 508 Farmington, New Mexico**
Lessor or Tract ----- **McClanahan** Field ----- **Basin Dakota** State ----- **New Mexico**
Well No. ----- **2-A** Sec. **23** T. **28-N** R. **10-W** Meridian ----- **Basin Dakota** County ----- **San Juan**
Location ----- **1190** ft. $\left\{ \begin{smallmatrix} \text{N.} \\ \text{S.} \end{smallmatrix} \right\}$ of **S** Line and **1060** ft. $\left\{ \begin{smallmatrix} \text{E.} \\ \text{W.} \end{smallmatrix} \right\}$ of **W** Line of ----- **Sec. 23** ----- Elevation ----- **5822**
Driller's floor distance to base of hole

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 Thomas E. Fermo

Date November 27, 1962 Title Ass't. Dir. Supt.

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

Commenced drilling October 26, 1962 Finished drilling November 12, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6240 to 6245 G No. 4, from 6382 to 6391 G
No. 2, from 6254 to 6266 G No. 5, from 6425 to 6542 G
No. 3, from 6316 to 6360 G 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—	
15-7/8	32.45	8	15-40	15-40	15-40	15-40	15-40	15-40	Surface Production
15-7/8	32.45	8	15-40	15-40	15-40	15-40	15-40	15-40	Surface Production
HISTORIA OF THE OIL INDUSTRY									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
70-3/4	270	200			
4-1/2	6562	915	Pump		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0- feet to 6526 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 5,710,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 1819 ----- 74.087 MCFPD GAOE

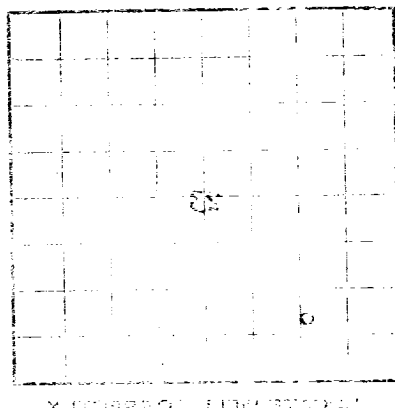
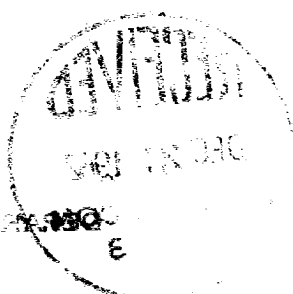
EMPLOYEES

C. L. Wright, Driller
R. L. Davis, Driller
R. L. Ledlow, Driller
E. E. Ivay, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	960	990	Tertiary
990	1645	655	Cretaceous Sd & Sh.
1645	1890	245	Fruitland sd. sh., coal
1890	1955	65	Pictured Cliff Sd.
1955	3430	1475	Lewis Shale
3430	3675	245	Cliff House Sd. & Sh.
3675	4230	565	Menefee Sd & Sh.
4230	4530	300	Point Look out Sd.
4530	5374	844	Mancos
5374	6138	764	Gallup
6138	6242	104	Greenhorn Sh.
6272	6526	284	Dakota

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Signed _____

Witness my hand and seal of office this _____ day of _____, 19____.

County Clerk

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

OIL OR GAS SANDS OR ZONES

(C) 1999 by John Wiley & Sons, Inc.

No. 1 from 1944 to 1945
No. 2 from 1946 to 1947
No. 3 from 1948 to 1949
No. 4 from 1950 to 1951
No. 5 from 1952 to 1953
No. 6 from 1954 to 1955

IMPORTANT WATER SANDS

to	from	to	from
to	from	to	from

CASINO RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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 added, marked, 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

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

MUDDING AND CEMENTING RECORD

Year	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
Year	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

PLUGS AND OTHERS

.....		
.....		

SHOOTING RECORD

Size	Small stock	Exclusive used	Quantity	Price	Depth of cut	Depth of stock
100						
200						
300						
400						
500						
600						
700						
800						
900						
1000						
1100						
1200						
1300						
1400						
1500						
1600						
1700						
1800						
1900						
2000						
2100						
2200						
2300						
2400						
2500						
2600						
2700						
2800						
2900						
3000						
3100						
3200						
3300						
3400						
3500						
3600						
3700						
3800						
3900						
4000						
4100						
4200						
4300						
4400						
4500						
4600						
4700						
4800						
4900						
5000						
5100						
5200						
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5800						
5900						
6000						
6100						
6200						
6300						
6400						
6500						
6600						
6700						
6800						
6900						
7000						
7100						
7200						
7300						
7400						
7500						
7600						
7700						
7800						
7900						
8000						
8100						
8200						
8300						
8400						
8500						
8600						

TOOLS USED

feet	of feet	most bus feet	of feet	most bus stow about yintall
feet	of feet	most bus feet	of feet	most bus stow about yintall

DATE

11 has well, on ft. per 24 hours	Gallons gasoline per 1,000 cu. ft. of gas
Ammonium: % water; and % sediment	Gravity, °Bé.
The production for the first 24 hours was	barrels of fluid of which % was oil.
8	Part to producing

EMPLOYERS

	Driller	C. J. [unclear]	[unclear]
	Driller	J. L. [unclear]	[unclear]

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0-10	0-10	10	Gravelly sandstone
10-20	10-20	10	Sandstone
20-30	20-30	10	Sandstone
30-40	30-40	10	Sandstone
40-50	40-50	10	Sandstone
50-60	50-60	10	Sandstone
60-70	60-70	10	Sandstone
70-80	70-80	10	Sandstone
80-90	80-90	10	Sandstone
90-100	90-100	10	Sandstone
100-110	100-110	10	Sandstone
110-120	110-120	10	Sandstone
120-130	120-130	10	Sandstone
130-140	130-140	10	Sandstone
140-150	140-150	10	Sandstone
150-160	150-160	10	Sandstone
160-170	160-170	10	Sandstone
170-180	170-180	10	Sandstone
180-190	180-190	10	Sandstone
190-200	190-200	10	Sandstone
200-210	200-210	10	Sandstone
210-220	210-220	10	Sandstone
220-230	220-230	10	Sandstone
230-240	230-240	10	Sandstone
240-250	240-250	10	Sandstone
250-260	250-260	10	Sandstone
260-270	260-270	10	Sandstone
270-280	270-280	10	Sandstone
280-290	280-290	10	Sandstone
290-300	290-300	10	Sandstone
300-310	300-310	10	Sandstone
310-320	310-320	10	Sandstone
320-330	320-330	10	Sandstone
330-340	330-340	10	Sandstone
340-350	340-350	10	Sandstone
350-360	350-360	10	Sandstone
360-370	360-370	10	Sandstone
370-380	370-380	10	Sandstone
380-390	380-390	10	Sandstone
390-400	390-400	10	Sandstone
400-410	400-410	10	Sandstone
410-420	410-420	10	Sandstone
420-430	420-430	10	Sandstone
430-440	430-440	10	Sandstone
440-450	440-450	10	Sandstone
450-460	450-460	10	Sandstone
460-470	460-470	10	Sandstone
470-480	470-480	10	Sandstone
480-490	480-490	10	Sandstone
490-500	490-500	10	Sandstone
500-510	500-510	10	Sandstone
510-520	510-520	10	Sandstone
520-530	520-530	10	Sandstone
530-540	530-540	10	Sandstone
540-550	540-550	10	Sandstone
550-560	550-560	10	Sandstone
560-570	560-570	10	Sandstone
570-580	570-580	10	Sandstone
580-590	580-590	10	Sandstone
590-600	590-600	10	Sandstone
600-610	600-610	10	Sandstone
610-620	610-620	10	Sandstone
620-630	620-630	10	Sandstone
630-640	630-640	10	Sandstone
640-650	640-650	10	Sandstone
650-660	650-660	10	Sandstone
660-670	660-670	10	Sandstone
670-680	670-680	10	Sandstone
680-690	680-690	10	Sandstone
690-700	690-700	10	Sandstone
700-710	700-710	10	Sandstone
710-720	710-720	10	Sandstone
720-730	720-730	10	Sandstone
730-740	730-740	10	Sandstone
740-750	740-750	10	Sandstone
750-760	750-760	10	Sandstone
760-770	760-770	10	Sandstone
770-780	770-780	10	Sandstone
780-790	780-790	10	Sandstone
790-800	790-800	10	Sandstone
800-810	800-810	10	Sandstone
810-820	810-820	10	Sandstone
820-830	820-830	10	Sandstone
830-840	830-840	10	Sandstone
840-850	840-850	10	Sandstone
850-860	850-860	10	Sandstone
860-870	860-870	10	Sandstone
870-880	870-880	10	Sandstone
880-890	880-890	10	Sandstone
890-900	890-900	10	Sandstone
900-910	900-910	10	Sandstone
910-920	910-920	10	Sandstone
920-930	920-930	10	Sand

FORMATION

TOTAL FEET

-OL

FROM—