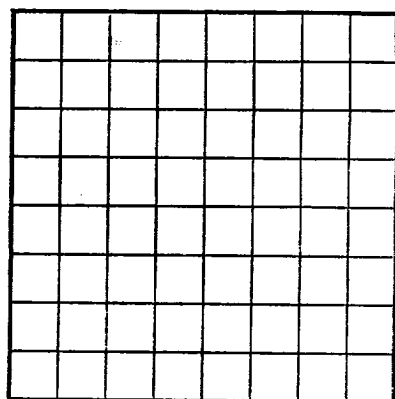




U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **029395 (b)**
LEASE OR PERMIT TO PROSPECT
Mancil E. Turner

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY
Company **Southern Production Company, Inc.**
(Danciger Oil & Refining Company) Address **P. O. Box 670, Fort Worth, Texas**
Lessor or Tract **U.S. of America** Field **Fren** State **New Mexico**
Well No. **24-B** Sec. **29** T. **17S** R. **31E** Meridian **N.M.P.M.** County **Eddy**
Location **660** ft. **N** of **N** Line and **1979** ft. **E** of **E** Line of **Section 29** Elevation **3696**
(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 **[Signature]**
Date **NOV 14 1951** Title **Agent**

The summary on this page is for the condition of the well at above date.
Commenced drilling **April 19**, 19 **47** Finished drilling **May 27**, 19 **47**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **2155** to **2159** No. 4, from _____ to _____
No. 2, from **2195** to **2199** 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—	
8-5/8"	28 1/2	8	Pittsburg	532'	Common				
7"	20 1/2	8	Pittsburg	212'	Common				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	542.87	50	Halliburton		
7"	2112	100			

PLUGS AND ADAPTERS

Heaving plug—Material **none** Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	5"	Nitroglycerin	170 qts	6/3/47	2124-2204	2204

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **2219** feet, and from _____ feet to _____ feet

DATES

June 24, 19 **47** Put to producing **June 9**, 19 **47**
The production for the first 24 hours was **25** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, °Bé. **37**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

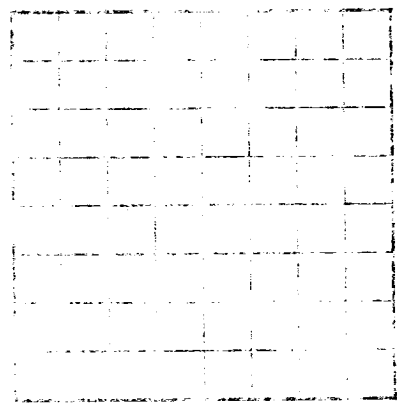
Kersey & Company, Driller _____, Driller _____
Artesia, New Mexico, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	45		Sand & gravel
45	100		Red beds
100	245		Sand
245	310		Red rock
310	365		Red beds
365	440		Anhydrite
440	460		Red beds
460	480		Red rock
480	495		Salt
495	500		Red bed
500	570		Salt
570	585		Salt & anhydrite
585	615		Salt & polly
615	1180		Salt
1180	1235		Salt & red bed
1235	1237		Anhydrite
1237	1280		Salt & anhydrite
1280	1300		Salt
1300	1400		Salt & potash
1400	1418		Salt
1418	1425		Anhydrite
1425	1425		Anhydrite & red bed
1425	1700		Anhydrite
1700	1720		Anhydrite
1720	1800		Anhydrite
1800	1945		Anhydrite & shale

Geological Survey
Department of the Interior
United States

LOG OF OIL OR GAS WELL



LOCATE WELL (SEE LOCATION MAP) AND
GIVE LOCATION OF WELL IN
SECTION, TOWNSHIP, RANGE, COUNTY, STATE
AND NEAREST TOWN OR VILLAGE.
GIVE DATE OF DRILLING AND NAME OF
DRILLER.
GIVE DEPTH OF WELL IN FEET AND
GIVE DEPTH OF OIL OR GAS STRATA.
GIVE DEPTH OF WATER TABLE.
GIVE DEPTH OF CASING.
GIVE DEPTH OF CEMENT PLUG.
GIVE DEPTH OF BRIDGE PLUG.
GIVE DEPTH OF BRIDGE PLUG.
GIVE DEPTH OF BRIDGE PLUG.

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 PILES OR BRIDGES WERE PUT IN TO TEST FOR WATER, STATE KIND OF MATERIAL USED, POSITION, AND RESULTS OF PUMPING OR BAILING.

CHIMNEY, DITCH, OR OTHER STRUCTURE
GIVE LOCATION AND DEPTH OF CHIMNEY, DITCH, OR OTHER STRUCTURE.
GIVE LOCATION AND DEPTH OF CHIMNEY, DITCH, OR OTHER STRUCTURE.

HISTORY OF OIL OR GAS WELL

DATE	DEPTH OF WELL (FEET)	DEPTH OF OIL OR GAS STRATA (FEET)	DEPTH OF WATER TABLE (FEET)	DEPTH OF CASING (FEET)	DEPTH OF CEMENT PLUG (FEET)	DEPTH OF BRIDGE PLUG (FEET)	DEPTH OF BRIDGE PLUG (FEET)	DEPTH OF BRIDGE PLUG (FEET)
1900	100	100	100	100	100	100	100	100
1901	100	100	100	100	100	100	100	100
1902	100	100	100	100	100	100	100	100
1903	100	100	100	100	100	100	100	100
1904	100	100	100	100	100	100	100	100
1905	100	100	100	100	100	100	100	100
1906	100	100	100	100	100	100	100	100
1907	100	100	100	100	100	100	100	100
1908	100	100	100	100	100	100	100	100
1909	100	100	100	100	100	100	100	100
1910	100	100	100	100	100	100	100	100
1911	100	100	100	100	100	100	100	100
1912	100	100	100	100	100	100	100	100
1913	100	100	100	100	100	100	100	100
1914	100	100	100	100	100	100	100	100
1915	100	100	100	100	100	100	100	100
1916	100	100	100	100	100	100	100	100
1917	100	100	100	100	100	100	100	100
1918	100	100	100	100	100	100	100	100
1919	100	100	100	100	100	100	100	100
1920	100	100	100	100	100	100	100	100
1921	100	100	100	100	100	100	100	100
1922	100	100	100	100	100	100	100	100
1923	100	100	100	100	100	100	100	100
1924	100	100	100	100	100	100	100	100
1925	100	100	100	100	100	100	100	100
1926	100	100	100	100	100	100	100	100
1927	100	100	100	100	100	100	100	100
1928	100	100	100	100	100	100	100	100
1929	100	100	100	100	100	100	100	100
1930	100	100	100	100	100	100	100	100
1931	100	100	100	100	100	100	100	100
1932	100	100	100	100	100	100	100	100
1933	100	100	100	100	100	100	100	100
1934	100	100	100	100	100	100	100	100
1935	100	100	100	100	100	100	100	100
1936	100	100	100	100	100	100	100	100
1937	100	100	100	100	100	100	100	100
1938	100	100	100	100	100	100	100	100
1939	100	100	100	100	100	100	100	100
1940	100	100	100	100	100	100	100	100
1941	100	100	100	100	100	100	100	100
1942	100	100	100	100	100	100	100	100
1943	100	100	100	100	100	100	100	100
1944	100	100	100	100	100	100	100	100
1945	100	100	100	100	100	100	100	100
1946	100	100	100	100	100	100	100	100
1947	100	100	100	100	100	100	100	100
1948	100	100	100	100	100	100	100	100
1949	100	100	100	100	100	100	100	100
1950	100	100	100	100	100	100	100	100
1951	100	100	100	100	100	100	100	100
1952	100	100	100	100	100	100	100	100
1953	100	100	100	100	100	100	100	100
1954	100	100	100	100	100	100	100	100
1955	100	100	100	100	100	100	100	100
1956	100	100	100	100	100	100	100	100
1957	100	100	100	100	100	100	100	100
1958	100	100	100	100	100	100	100	100
1959	100	100	100	100	100	100	100	100
1960	100	100	100	100	100	100	100	100
1961	100	100	100	100	100	100	100	100
1962	100	100	100	100	100	100	100	100
1963	100	100	100	100	100	100	100	100
1964	100	100	100	100	100	100	100	100
1965	100	100	100	100	100	100	100	100
1966	100	100	100	100	100	100	100	100
1967	100	100	100	100	100	100	100	100
1968	100	100	100	100	100	100	100	100
1969	100	100	100	100	100	100	100	100
1970	100	100	100	100	100	100	100	100
1971	100	100	100	100	100	100	100	100
1972	100	100	100	100	100	100	100	100
1973	100	100	100	100	100	100	100	100
1974	100	100	100	100	100	100	100	100
1975	100	100	100	100	100	100	100	100
1976	100	100	100	100	100	100	100	100
1977	100	100	100	100	100	100	100	100
1978	100	100	100	100	100	100	100	100
1979	100	100	100	100	100	100	100	100
1980	100	100	100	100	100	100	100	100
1981	100	100	100	100	100	100	100	100
1982	100	100	100	100	100	100	100	100
1983	100	100	100	100	100	100	100	100
1984	100	100	100	100	100	100	100	100
1985	100	100	100	100	100	100	100	100
1986	100	100	100	100	100	100	100	100
1987	100	100	100	100	100	100	100	100
1988	100	100	100	100	100	100	100	100
1989	100	100	100	100	100	100	100	100
1990	100	100	100	100	100	100	100	100
1991	100	100	100	100	100	100	100	100
1992	100	100	100	100	100	100	100	100
1993	100	100	100	100	100	100	100	100
1994	100	100	100	100	100	100	100	100
1995	100	100	100	100	100	100	100	100
1996	100	100	100	100	100	100	100	100
1997	100	100	100	100	100	100	100	100
1998	100	100	100	100	100	100	100	100
1999	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100