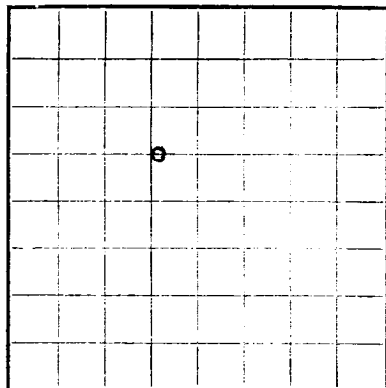


Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029296-69
LEASE OR PERMIT TO PROSPECT Turner

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Production Co., Inc. Address Fort Worth National Bank Bldg. Fort Worth, Texas
Lessor or Tract Turner Field Fren State New Mexico
Well No. 32-A Sec. 18 T. 17S R. 31E Meridian NMPL County Eddy
Location 1650 ft. N of S Line and 1650 E of M Line of Sec. 18 Elevation 3700.85'
(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 _____

Date August 26, 1953 Title Dist. Supt.

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

Commenced drilling July 22, 1953 Finished drilling August 15, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1920 to 1924 No. 4, from _____ to _____
No. 2, from 1954 to 1957 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—	
9-5/8	36#	8 RT	Youngs	530'	Reg.				
5-1/2	20#	8 RT	Youngs	1895'	Reg.				
5-1/2	20#	8 RT	Youngs	1965'	Reg.				
HISTORY OF OIL OR GAS WELLS									perforated

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	530	50	Plug		
7"	1895	100	Plug		
5-1/2"	1965	Liner with sections thru pays perforated			

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
On August 16, 1953 well was shot from 1920 to 1965 with 250 quarts solidified nitro-glycerin and cleaned out to total depth.						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to 1965 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing August 19, 1953, 19____

The production for the first 24 hours was 30 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

G. Miller, Driller G. Miller, Driller
B. Vandagriff, Driller J. McKue, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	135	135	Sand and Caliche
135	300	165	Sand, red beds and anhy
300	505	205	Red Beds and Anhy Streaks
505	1245	745	Salt
1245	1917	672	Anhydrite
1917	1919	2	Lime
1919	1920	1	Gray lime
1920	1924	4	Brown Dolomite - OIL PAY
1924	1954	30	Anhy & Shale
1954	1957	3	Brown Dolomite - OIL PAY
1957	1965	8	Anhydrite - T.D.

PLEASE OR PERMIT TO PROSPECT - 11449
SERIAL NUMBER 10205 (A)
U. S. LAND OFFICE - LAS VEGAS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

[illegible][illegible]

Commenced drilling 19-57 Finished drilling 19-57

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

Date Title 19-57

OIL OR GAS SANDS OR ZONES

(Dette er en kopi)

1925	to	1926	from	1925	to	1926	from
1927	to	1928	from	1927	to	1928	from
1929	to	1930	from	1929	to	1930	from

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 2, from _____ to _____
No. 3, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Cash	Weight per foot	Thresh per inch	Masks	Amount	Kind of shoe	Gut and galled from	Purpose
90	38	6	1st	200	shoe		To— Purpose

HISTORY OF OIL OR GAS WELL

Year	Number bags of cement	Number bags of cement	Number bags of cement	Number bags of cement	Number bags of cement
1952	100	100	100	100	100
1953	100	100	100	100	100
1954	100	100	100	100	100
1955	100	100	100	100	100
1956	100	100	100	100	100
1957	100	100	100	100	100
1958	100	100	100	100	100
1959	100	100	100	100	100
1960	100	100	100	100	100
1961	100	100	100	100	100
1962	100	100	100	100	100
1963	100	100	100	100	100
1964	100	100	100	100	100
1965	100	100	100	100	100
1966	100	100	100	100	100
1967	100	100	100	100	100
1968	100	100	100	100	100
1969	100	100	100	100	100
1970	100	100	100	100	100
1971	100	100	100	100	100
1972	100	100	100	100	100
1973	100	100	100	100	100
1974	100	100	100	100	100
1975	100	100	100	100	100
1976	100	100	100	100	100
1977	100	100	100	100	100
1978	100	100	100	100	100
1979	100	100	100	100	100
1980	100	100	100	100	100
1981	100	100	100	100	100
1982	100	100	100	100	100
1983	100	100	100	100	100
1984	100	100	100	100	100
1985	100	100	100	100	100
1986	100	100	100	100	100
1987	100	100	100	100	100
1988	100	100	100	100	100
1989	100	100	100	100	100
1990	100	100	100	100	100
1991	100	100	100	100	100
1992	100	100	100	100	100
1993	100	100	100	100	100
1994	100	100	100	100	100
1995	100	100	100	100	100
1996	100	100	100	100	100
1997	100	100	100	100	100
1998	100	100	100	100	100
1999	100	100	100	100	100
2000	100	100	100	100	100
2001	100	100	100	100	100
2002	100	100	100	100	100
2003	100	100	100	100	100
2004	100	100	100	100	100
2005	100	100	100	100	100
2006	100	100	100	100	100
2007	100	100	100	100	100
2008	100	100	100	100	100
2009	100	100	100	100	100
2010	100	100	100	100	100
2011	100	100	100	100	100
2012	100	100	100	100	100
2013	100	100	100	100	100
2014	100	100	100	100	100
2015	100	100	100	100	100
2016	100	100	100	100	

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

Item	Quantity	Unit	Depth cleaned out
1000	1000	1000	1000

TOOLS USED

feet	of feet	feet, and from	feet to	feet	feet were used from
feet	of feet	feet, and from	feet to	feet	feet were used from

25TAD

[illegible]

EMPIRE

refact		refact	
refact		refact	

FORMATION RECORD

[illegible]