

U. S. LAND OFFICE _____
SERIAL NUMBER **LC 060742-A** _____
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Roosevelt Co.

Lea Co.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company COSDEN PETROLEUM CORPORATION & SOCONY MOBIL CO., INC. Address Box 1311, Big Spring, Texas
 Lessor or Tract Federal Field South Prairie PennState New Mexico
 Well No. D #1 Sec. 29 T. 8-s R. 36-E Meridian _____ County Roosevelt
 Location 660 ft. N of N Line and 660 ft. E of E Line of Section 29 Elevation 4116
(Derive four 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 H. T. Bratcher **H. T. Bratcher**

Date November 21, 1960 Title Supt. of Production

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

Commenced drilling October 2, 1960 Finished drilling November 10, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9700 to 9705 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 _____ 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—	
13-3/8	40	8		692					oil zone
8-3/8	27-3/8	8		6207					oil zone
5-1/2	17	3		9760			9700	9705	oil zone

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	472	350 sx reg. neat			
8-5/8	4207	2700 sx			
5-1/2	9760	500 sx			

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 _____ feet to _____ 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-----
November 18 60 **November 17** 60
 The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- %
 emulsion; ----- % water; and ----- % sediment. 190 Gravity, °Bé. 99.5 .5
 If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas 47
 Rock pressure, lbs. per sq. in. -----

EMPLOYEES

_____, Driller _____, Driller
Marcum Drilling Co. _____, Driller
Contractor _____, Driller

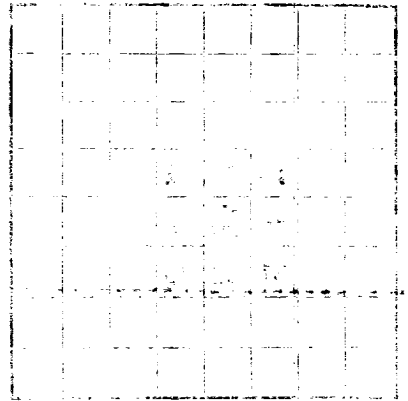
FORMATION RECORD

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2295	2295	Evaporites
2295	2797	497	Anhydrite
2792	3515	723	Yates
3515	4035	520	Queen
4035	5495	1460	San Andres
5495	6929	1424	Glorieta
6929	7764	835	Tubb
7764	8999	1224	Abo
8988	9439	451	Wolfcamp
9439	9538	99	Three Brothers
9538	9622	84	Base Three Brothers
9622	9655	33	Bough "A" Zone
9655	9693	38	Bough "B" Zone
9693	9760	67	Bough "C" Zone

1. Name of well
2. Location of well
3. Name of owner

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION



LOG OF OIL OR GAS WELL

1. Name of well
2. Location of well
3. Name of owner
4. Date of log
5. Name of logger
6. Name of company
7. Name of engineer
8. Name of geologist
9. Name of geophysicist
10. Name of geochronologist
11. Name of geochemist
12. Name of geobotanist
13. Name of geomorphologist
14. Name of geohydrologist
15. Name of geoscientist

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HISTORY OF OIL OR GAS WELL

DATE	DESCRIPTION	TOOL USED	REMARKS
1900	Drilled 100 feet	Auger	Found oil at 100 feet
1901	Drilled 200 feet	Auger	Found oil at 200 feet
1902	Drilled 300 feet	Auger	Found oil at 300 feet
1903	Drilled 400 feet	Auger	Found oil at 400 feet
1904	Drilled 500 feet	Auger	Found oil at 500 feet
1905	Drilled 600 feet	Auger	Found oil at 600 feet
1906	Drilled 700 feet	Auger	Found oil at 700 feet
1907	Drilled 800 feet	Auger	Found oil at 800 feet
1908	Drilled 900 feet	Auger	Found oil at 900 feet
1909	Drilled 1000 feet	Auger	Found oil at 1000 feet
1910	Drilled 1100 feet	Auger	Found oil at 1100 feet
1911	Drilled 1200 feet	Auger	Found oil at 1200 feet
1912	Drilled 1300 feet	Auger	Found oil at 1300 feet
1913	Drilled 1400 feet	Auger	Found oil at 1400 feet
1914	Drilled 1500 feet	Auger	Found oil at 1500 feet
1915	Drilled 1600 feet	Auger	Found oil at 1600 feet
1916	Drilled 1700 feet	Auger	Found oil at 1700 feet
1917	Drilled 1800 feet	Auger	Found oil at 1800 feet
1918	Drilled 1900 feet	Auger	Found oil at 1900 feet
1919	Drilled 2000 feet	Auger	Found oil at 2000 feet
1920	Drilled 2100 feet	Auger	Found oil at 2100 feet
1921	Drilled 2200 feet	Auger	Found oil at 2200 feet
1922	Drilled 2300 feet	Auger	Found oil at 2300 feet
1923	Drilled 2400 feet	Auger	Found oil at 2400 feet
1924	Drilled 2500 feet	Auger	Found oil at 2500 feet
1925	Drilled 2600 feet	Auger	Found oil at 2600 feet
1926	Drilled 2700 feet	Auger	Found oil at 2700 feet
1927	Drilled 2800 feet	Auger	Found oil at 2800 feet
1928	Drilled 2900 feet	Auger	Found oil at 2900 feet
1929	Drilled 3000 feet	Auger	Found oil at 3000 feet
1930	Drilled 3100 feet	Auger	Found oil at 3100 feet
1931	Drilled 3200 feet	Auger	Found oil at 3200 feet
1932	Drilled 3300 feet	Auger	Found oil at 3300 feet
1933	Drilled 3400 feet	Auger	Found oil at 3400 feet
1934	Drilled 3500 feet	Auger	Found oil at 3500 feet
1935	Drilled 3600 feet	Auger	Found oil at 3600 feet
1936	Drilled 3700 feet	Auger	Found oil at 3700 feet
1937	Drilled 3800 feet	Auger	Found oil at 3800 feet
1938	Drilled 3900 feet	Auger	Found oil at 3900 feet
1939	Drilled 4000 feet	Auger	Found oil at 4000 feet
1940	Drilled 4100 feet	Auger	Found oil at 4100 feet
1941	Drilled 4200 feet	Auger	Found oil at 4200 feet
1942	Drilled 4300 feet	Auger	Found oil at 4300 feet
1943	Drilled 4400 feet	Auger	Found oil at 4400 feet
1944	Drilled 4500 feet	Auger	Found oil at 4500 feet
1945	Drilled 4600 feet	Auger	Found oil at 4600 feet
1946	Drilled 4700 feet	Auger	Found oil at 4700 feet
1947	Drilled 4800 feet	Auger	Found oil at 4800 feet
1948	Drilled 4900 feet	Auger	Found oil at 4900 feet
1949	Drilled 5000 feet	Auger	Found oil at 5000 feet
1950	Drilled 5100 feet	Auger	Found oil at 5100 feet
1951	Drilled 5200 feet	Auger	Found oil at 5200 feet
1952	Drilled 5300 feet	Auger	Found oil at 5300 feet
1953	Drilled 5400 feet	Auger	Found oil at 5400 feet
1954	Drilled 5500 feet	Auger	Found oil at 5500 feet
1955	Drilled 5600 feet	Auger	Found oil at 5600 feet
1956	Drilled 5700 feet	Auger	Found oil at 5700 feet
1957	Drilled 5800 feet	Auger	Found oil at 5800 feet
1958	Drilled 5900 feet	Auger	Found oil at 5900 feet
1959	Drilled 6000 feet	Auger	Found oil at 6000 feet
1960	Drilled 6100 feet	Auger	Found oil at 6100 feet
1961	Drilled 6200 feet	Auger	Found oil at 6200 feet
1962	Drilled 6300 feet	Auger	Found oil at 6300 feet
1963	Drilled 6400 feet	Auger	Found oil at 6400 feet
1964	Drilled 6500 feet	Auger	Found oil at 6500 feet
1965	Drilled 6600 feet	Auger	Found oil at 6600 feet
1966	Drilled 6700 feet	Auger	Found oil at 6700 feet
1967	Drilled 6800 feet	Auger	Found oil at 6800 feet
1968	Drilled 6900 feet	Auger	Found oil at 6900 feet
1969	Drilled 7000 feet	Auger	Found oil at 7000 feet
1970	Drilled 7100 feet	Auger	Found oil at 7100 feet
1971	Drilled 7200 feet	Auger	Found oil at 7200 feet
1972	Drilled 7300 feet	Auger	Found oil at 7300 feet
1973	Drilled 7400 feet	Auger	Found oil at 7400 feet
1974	Drilled 7500 feet	Auger	Found oil at 7500 feet
1975	Drilled 7600 feet	Auger	Found oil at 7600 feet
1976	Drilled 7700 feet	Auger	Found oil at 7700 feet
1977	Drilled 7800 feet	Auger	Found oil at 7800 feet
1978	Drilled 7900 feet	Auger	Found oil at 7900 feet
1979	Drilled 8000 feet	Auger	Found oil at 8000 feet
1980	Drilled 8100 feet	Auger	Found oil at 8100 feet
1981	Drilled 8200 feet	Auger	Found oil at 8200 feet
1982	Drilled 8300 feet	Auger	Found oil at 8300 feet
1983	Drilled 8400 feet	Auger	Found oil at 8400 feet
1984	Drilled 8500 feet	Auger	Found oil at 8500 feet
1985	Drilled 8600 feet	Auger	Found oil at 8600 feet
1986	Drilled 8700 feet	Auger	Found oil at 8700 feet
1987	Drilled 8800 feet	Auger	Found oil at 8800 feet
1988	Drilled 8900 feet	Auger	Found oil at 8900 feet
1989	Drilled 9000 feet	Auger	Found oil at 9000 feet
1990	Drilled 9100 feet	Auger	Found oil at 9100 feet
1991	Drilled 9200 feet	Auger	Found oil at 9200 feet
1992	Drilled 9300 feet	Auger	Found oil at 9300 feet
1993	Drilled 9400 feet	Auger	Found oil at 9400 feet
1994	Drilled 9500 feet	Auger	Found oil at 9500 feet
1995	Drilled 9600 feet	Auger	Found oil at 9600 feet
1996	Drilled 9700 feet	Auger	Found oil at 9700 feet
1997	Drilled 9800 feet	Auger	Found oil at 9800 feet
1998	Drilled 9900 feet	Auger	Found oil at 9900 feet
1999	Drilled 10000 feet	Auger	Found oil at 10000 feet