Form 9-330

U. S. Land Office Las Cruces
Serial Number 029424
Lease or Permit to Prospect Lease

RECEIVED
MAR 10 1977
O. C. C.
ARTESIA, OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-03924

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Barney Cockburn Address P.O. Box 115, Artesia, New Mexico
Lessor or Tract A. N. Fts Field Square Lake State New Mexico
Well No. 4 Sec. 26 T. 16S R. 30E Meridian NMPM County Eddy
Location 660 ft. {N.} of S Line and 1980 ft. {E.} of E Line of Section 26 Elevation
(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 Barney Cockburn

Date June 7, 1943 Title Owner

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

Commenced drilling March 15, 19 43 Finished drilling May 21, 19 43

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2950' G to
No. 2, from 2970' to 2976'
No. 3, from 2980' to 2990'
No. 4, from 3010' to 3078'
No. 5, 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 From—	Perforated To—	Purpose
8 1/4"	24#	8thd	Used	580'	Baker		Surface	Water Shut-off	
7"	20#	8thd	Either	1st	Seam		Water	Shut-Off	
5 1/2" OD	14#	8thd	Used	2886'	Texas Pattern		Complete Water-Shut-Off and Oil String.		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/4"	580'	50 sacks	International Cementers		Circulated with heavy mud.
7"	2405'	75 sacks	" "	"	
5 1/2"	2886'	100 sacks	" "	"	Circulated to Surface with mud.

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
5 1/2"		Nitro-Glycerin	210 qts	5/21/43	2970' to 3078'	Cleaned out to Bottom.

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0' feet to 3079' feet, and from feet to feet

DATES

June 7, 19 43 Put to producing June 1, 19 43

The production for the first 24 hours was 40 barrels of fluid of which % 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

, Driller , Driller
V. A. Lane , Driller G. C. Pratt , Driller
C. R. Crandall

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	265	265	Pack Sand
265	345	80	Red Bed
345	505	160	Anhydrite
505	550	45	Red Bed
550	575	25	Anhydrite
575	1295	720	Salt
1295	1490	195	Anhydrite
1490	1535	45	Broken Anhydrite
1535	1975	440	Anhydrite
1975	1995	20	Anhydrite and Lime
1995	2085	90	Anhydrite
2085	2165	80	Broken Anhydrite
2165	2353	188	Anhydrite
2353	2360	7	Red Sand
2360	2368	8	Sand
2368	2500	132	Anhydrite
2500	2510	10	Lime
2510	2540	30	Anhydrite
2540	2570	30	Sand and Anhydrite
2570	2730	160	Anhydrite
2730	2750	20	Anhydrite and Red Rock
2750	2775	25	Lime
2775	2785	10	Anhydrite
2785	2803	18	Lime
2803	2840	37	Anhydrite
2840	2867	27	Lime

FORMATION RECORD—Continued

FOLD | MARK

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ARTESIA, OFFICE

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Murphy Producing Company Address P.O. Box 116, Artesia, New Mexico
Lessor or Tract Fed. Field Bennett Lake State New Mexico
Well No. 1 Sec. 28 T. 16S R. 20E Meridian NMPM County Eddy
Location 660 ft. of N Line and 1980 ft. of E Line of Lots Elev. Elevation
(Give all for relative to section line)

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 June 7, 1945 Title Owner

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

Commenced drilling March 19, 1945 Finished drilling May 21, 1945

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2020' to 2028'
No. 2, from 2270' to 2275'
No. 3, from 2290' to 2300'
No. 4, from 2020' to 2028'
No. 5, 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 From	To	Purpose
8 5/8"	24#	8 thd	Used	2984'	Texas Pattern				Complete test-shut-off

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	2984'	50 sacks	Intermediate cement in Pattern shoe		
7"	2400'	75 sacks			
5½"	2284'	100 sacks	Circulated to the surface		

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
7"	Arco-Torpedo	210 qts 2/21/45				

TOOLS USED

Rotary tools were used from 0 feet to 2098' feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

June 7, 1945 Put to producing June 5, 1945

The production for the first 24 hours was 40 barrels of fluid of which 40% 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

Driller Driller
Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	285	285	Red Sand
285	340	40	Red Rock
340	505	165	Anhydrite
505	530	25	Red Rock
530	575	45	Anhydrite
575	1295	720	Salt
1295	1300	5	Anhydrite
1300	1320	20	Brown Anhydrite
1320	1365	45	Anhydrite
1365	1375	10	Anhydrite
1375	1395	20	Anhydrite Red Rock
1395	1425	30	Anhydrite
1425	1455	30	Brown Anhydrite
1455	1465	10	Anhydrite
1465	1470	5	Red Rock
1470	1480	10	Anhydrite
1480	1490	10	Red Rock
1490	1500	10	Anhydrite
1500	1510	10	Red Rock
1510	1520	10	Anhydrite
1520	1530	10	Red Rock
1530	1540	10	Anhydrite
1540	1550	10	Red Rock
1550	1560	10	Anhydrite
1560	1570	10	Red Rock
1570	1580	10	Anhydrite
1580	1590	10	Red Rock
1590	1600	10	Anhydrite
1600	1610	10	Red Rock
1610	1620	10	Anhydrite
1620	1630	10	Red Rock
1630	1640	10	Anhydrite
1640	1650	10	Red Rock
1650	1660	10	Anhydrite
1660	1670	10	Red Rock
1670	1680	10	Anhydrite
1680	1690	10	Red Rock
1690	1700	10	Anhydrite
1700	1710	10	Red Rock
1710	1720	10	Anhydrite
1720	1730	10	Red Rock
1730	1740	10	Anhydrite
1740	1750	10	Red Rock
1750	1760	10	Anhydrite
1760	1770	10	Red Rock
1770	1780	10	Anhydrite
1780	1790	10	Red Rock
1790	1800	10	Anhydrite
1800	1810	10	Red Rock
1810	1820	10	Anhydrite
1820	1830	10	Red Rock
1830	1840	10	Anhydrite
1840	1850	10	Red Rock
1850	1860	10	Anhydrite
1860	1870	10	Red Rock
1870	1880	10	Anhydrite
1880	1890	10	Red Rock
1890	1900	10	Anhydrite
1900	1910	10	Red Rock
1910	1920	10	Anhydrite
1920	1930	10	Red Rock
1930	1940	10	Anhydrite
1940	1950	10	Red Rock
1950	1960	10	Anhydrite
1960	1970	10	Red Rock
1970	1980	10	Anhydrite
1980	1990	10	Red Rock
1990	2000	10	Anhydrite
2000	2010	10	Red Rock
2010	2020	10	Anhydrite
2020	2030	10	Red Rock
2030	2040	10	Anhydrite
2040	2050	10	Red Rock
2050	2060	10	Anhydrite
2060	2070	10	Red Rock
2070	2080	10	Anhydrite
2080	2090	10	Red Rock
2090	2098	8	Anhydrite
2098	2100	2	Red Rock
2100	2110	10	Anhydrite
2110	2120	10	Red Rock
2120	2130	10	Anhydrite
2130	2140	10	Red Rock
2140	2150	10	Anhydrite
2150	2160	10	Red Rock