

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

A 10x10 grid with an 'X' in the center. The 'X' is located at the intersection of the 5th column and the 5th row, counting from the top-left corner.

LOCATE WELL CORRECTLY

UNITED STATES

DEPARTMENT OF THE INTERIOR

AUG 4 1961 GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL^{RE}

RECEIVED
AUG 7 1961

O. C. C.
PRESIA, OFFICE

LOCATE WELL CORRECTLY

Company Donnelly Drilling Co., Inc. Address P. O. Box 433, Artesia, N.M.

Lessor or Tract Pan American Pet. Corp. Field Undesignated State New Mexico

Well No. 1 Sec. 5 T. 19S R. 31E Meridian N.M.P.M. County Eddy

Location 2310 ft. XX of N Line and 2310 ft. XX of E Line of Sec. 5 Elevation 3571
(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

[illegible]

ON MAY 12, 1961							Perforated		Purpose
Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	
8 1/8	34	8	782	100	Steel	782			
HISTORY OF ONE OF OUR MEN									

MUDDING AND CEMENTING RECORD

[illegible]

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 0 feet to 3087 feet, and from _____ feet to _____ feet.

DATES

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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

D. M. Jenkins	Driller	Ben Porter	Driller
L. W. Gray	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20	20	Caliche
20	633	613	Red Beds
633	901	268	Anhydrite
901	2183	1282	Salt
2183	2365	182	Anhydrite
2365	2485	120	Sand & Dolomite
2485	2615	130	Dolomite & Anhydrite
2615	2700	85	Sand
2700	2750	50	Dolomite
2750	2790	40	Sand
2790	3245	455	Dolomite & Sand
3245	3300	55	Sand
3300	3480	180	Dolomite
3480	3520	40	Sand
3520	3540	20	Dolomite
			Remnant
			Shale
			Gravelly shale
			Shale
			Hard clay
			Thinly bedded
			Massive sandstone
			Bedded shale:
FOOT--	LO-	LOVIN KEEL	FORMATION

UNITED STATES
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GEOLOGICAL SURVEY

[illegible][illegible]

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 "sidepacked," 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 boring.

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
7220	7210	10	Penrose
7480	7210	270	Penrose
7500	7210	290	Penrose
7540	7210	330	Penrose
7580	7210	370	Penrose
7600	7210	390	Penrose
7620	7210	410	Penrose
7640	7210	430	Penrose
7660	7210	450	Penrose
7680	7210	470	Penrose
7700	7210	490	Penrose
7720	7210	510	Penrose
7740	7210	530	Penrose
7760	7210	550	Penrose
7780	7210	570	Penrose
7800	7210	590	Penrose
7820	7210	610	Penrose
7840	7210	630	Penrose
7860	7210	650	Penrose
7880	7210	670	Penrose
7900	7210	690	Penrose
7920	7210	710	Penrose
7940	7210	730	Penrose
7960	7210	750	Penrose
7980	7210	770	Penrose
8000	7210	790	Penrose
8020	7210	810	Penrose
8040	7210	830	Penrose
8060	7210	850	Penrose
8080	7210	870	Penrose
8100	7210	890	Penrose
8120	7210	910	Penrose
8140	7210	930	Penrose
8160	7210	950	Penrose
8180	7210	970	Penrose
8200	7210	990	Penrose
8220	7210	1010	Penrose
8240	7210	1030	Penrose
8260	7210	1050	Penrose
8280	7210	1070	Penrose
8300	7210	1090	Penrose
8320	7210	1110	Penrose
8340	7210	1130	Penrose
8360	7210	1150	Penrose
8380	7210	1170	Penrose
8400	7210	1190	Penrose
8420	7210	1210	Penrose
8440	7210	1230	Penrose
8460	7210	1250	Penrose
8480	7210	1270	Penrose
8500	7210	1290	Penrose
8520	7210	1310	Penrose
8540	7210	1330	Penrose
8560	7210	1350	Penrose
8580	7210	1370	Penrose
8600	7210	1390	Penrose
8620	7210	1410	Penrose
8640	7210	1430	Penrose
8660	7210	1450	Penrose
8680	7210	1470	Penrose
8700	7210	1490	Penrose
8720	7210	1510	Penrose
8740	7210	1530	Penrose
8760	7210	1550	Penrose
8780	7210	1570	Penrose
8800	7210	1590	Penrose
8820	7210	1610	Penrose
8840	7210	1630	Penrose
8860	7210	1650	Penrose
8880	7210	1670	Penrose
8900	7210	1690	Penrose
8920	7210	1710	Penrose
8940	7210	1730	Penrose
8960	7210	1750	Penrose
8980	7210	1770	Penrose
9000	7210	1790	Penrose
9020	7210	1810	Penrose
9040	7210	1830	Penrose
9060	7210	1850	Penrose
9080	7210	1870	Penrose
9100	7210	1890	Penrose
9120	7210	1910	Penrose
9140	7210	1930	Penrose
9160	7210	1950	Penrose
9180	7210	1970	Penrose
9200	7210	1990	Penrose
9220	7210	2010	Penrose
9240	7210	2030	Penrose
9260	7210	2050	Penrose
9280	7210	2070	Penrose
9300	7210	2090	Penrose
9320	7210	2110	Penrose
9340	7210	2130	Penrose
9360	7210	2150	Penrose
9380	7210	2170	Penrose
9400	7210	2190	Penrose
9420	7210	2210	Penrose
9440	7210	2230	Penrose
9460	7210	2250	Penrose
9480	7210	2270	Penrose
9500	7210	2290	Penrose
9520	7210	2310	Penrose
9540	7210	2330	Penrose
9560	7210	2350	Penrose
9580	7210	2370	Penrose
9600	7210	2390	Penrose
9620	7210	2410	Penrose
9640	7210	2430	Penrose
9660	7210	2450	Penrose
9680	7210	2470	Penrose
9700	7210	2490	Penrose
9720	7210	2510	Penrose
9740	7210	2530	Penrose
9760	7210	2550	Penrose
9780	7210	2570	Penrose
9800	7210	2590	Penrose
9820	7210	2610	Penrose
9840	7210	2630	Penrose
9860	7210	2650	Penrose
9880	7210	2670	Penrose
9900	7210	2690	Penrose
9920	7210	2710	Penrose
9940	7210	2730	Penrose
9960	7210	2750	Penrose
9980	7210	2770	Penrose
10000	7210	2790	Penrose
10020	7210	2810	Penrose
10040	7210	2830	Penrose
10060	7210	2850	Penrose
10080	7210	2870	Penrose
10100	7210	2890	Penrose
10120	7210	2910	Penrose
10140	7210	2930	Penrose
10160	7210	2950	Penrose
10180	7210	2970	Penrose
10200	7210	2990	Penrose
10220	7210	3010	Penrose
10240	7210	3030	Penrose
10260	7210	3050	Penrose
10280	7210	3070	Penrose
10300	7210	3090	Penrose
10320	7210	3110	Penrose
10340	7210	3130	Penrose
10360	7210	3150	Penrose
10380	7210	3170	Penrose
10400	7210	3190	Penrose
10420	7210	3210	Penrose
10440	7210	3230	Penrose
10460	7210	3250	Penrose
10480	7210	3270	Penrose
10500	7210	3290	Penrose
10520	7210	3310	Penrose
10540	7210	3330	Penrose
10560	7210	3350	Penrose
10580	7210	3370	Penrose
10600	7210	3390	Penrose
10620	7210	3410	Penrose
10640	7210	3430	Penrose
10660	7210	3450	Penrose
10680	7210	3470	Penrose
10700	7210	3490	Penrose
10720	7210	3510	Penrose
10740	7210	3530	Penrose
10760	7210	3550	Penrose
10780	7210	3570	Penrose
10800	7210	3590	Penrose
10820	7210	3610	Penrose
10840	7210	3630	Penrose
10860	7210	3650	Penrose
10880	7210	3670	Penrose
10900	7210	3690	Penrose
10920	7210	3710	Penrose
10940	7210	3730	Penrose
10960	7210	3750	Penrose
10980	7210	3770	Penrose
11000	7210	3790	Penrose
11020	7210	3810	Penrose
11040	7210	3830	Penrose
11060	7210	3850	Penrose
11080	7210	3870	Penrose
11100	7210	3890	Penrose
11120	7210	3910	Penrose
11140	7210	3930	Penrose
11160	7210	3950	Penrose
11180	7210	3970	Penrose
11200	7210	3990	Penrose
11220	7210	4010	Penrose
11240	7210	4030	Penrose
11260	7210	4050	Penrose
11280	7210	4070	Penrose
11300	7210	4090	Penrose
11320	7210	4110	Penrose
11340	7210	4130	Penrose
11360	7210	4150	Penrose
11380	7210	4170	Penrose
11400	7210	4190	Penrose
11420	7210	4210	Penrose
11440	7210	4230	Penrose
11460	7210	4250	Penrose
11480	7210	4270	Penrose
11500	7210	4290	Penrose
11520	7210	4310	Penrose
11540	7210	4330	Penrose
11560	7210	4350	Penrose
11580	7210	4370	Penrose
11600	7210	4390	Penrose
11620	7210	4410	Penrose
11640	7210	4430	Penrose
11660	7210	4450	Penrose
11680	7210	4470	Penrose
11700	7210	4490	Penrose
11720	7210	4510	Penrose
11740	7210	4530	Penrose
11760	7210	4550	Penrose
11780	7210	4570	Penrose
11800	7210	4590	Penrose
11820	7210	4610	Penrose
11840	7210	4630	Penrose
11860	7210	4650	Penrose
11880	7210	4670	Penrose
11900	7210	4690	Penrose
11920	7210	4710	Penrose
11940	7210	4730	Penrose
11960	7210	4750	Penrose
11980	7210	4770	Penrose
12000	7210	4790	Penrose
12020	7210	4810	Penrose
12040	7210	4830	Penrose
12060	7210	4850	Penrose
12080	7210	4870	Penrose
12100	7210	4890	Penrose
12120	7210	4910	Penrose
12140	7210	4930	Penrose
12160	7210	4950	Penrose
12180	7210	4970	Penrose
12200	7210	4990	Penrose
12220	7210	5010	Penrose
12240	7210	5030	Penrose
12260	7210	5050	Penrose
12280	7210	5070	Penrose
12300	7210	5090	Penrose
12320	7210	5110	Penrose
12340	7210	5130	Penrose
12360	7210	5150	Penrose
12380	7210	5170	Penrose
12400	7210	5190	Penrose
12420	7210	5210	Penrose
12440	7210	5230	Penrose
12460	7210	5250	Penrose
12480	7210	5270	Penrose
12500	7210	5290	Penrose
12520	7210	5310	Penrose
12540	7210	5330	Penrose
12560	7210	5350	Penrose
12580	7210	5370	Penrose
12600	7210	5390	Penrose
12620	7210	5410	Penrose
12640	7210	5430	Penrose
12660	7210	5450	Penrose
12680	7210	5470	Penrose
12700	7210	5490	Penrose
12720	7210	5510	Penrose
12740	7210	5530	Penrose
12760	7210	5550	Penrose
12780	7210	5570	Penrose
12800	7210	5590	Penrose
12820	7210	5610	Penrose
12840	7210	5630	Penrose
12860	7210	5650	Penrose
12880	7210	5670	Penrose
12900	7210	5690	Penrose
12920	7210	5710	Penrose
12940	7210	5730	Penrose
12960	7210	5750	Penrose
12980	7210	5770	Penrose
13000	7210	5790	Penrose
13020	7210	5810	Penrose
13040	7210	5830	Penrose
13060	7210	5850	Penrose
13080	7210	5870	Penrose
13100	7210	5890	Penrose
13120	7210	5910	Penrose
13140	7210	5930	Penrose
13160	7210	5950	Penrose
13180	7210	5970	Penrose
13200	7210	5990	Penrose
13220	7210	6010	Penrose
13240	7210	6030	Penrose
13260	7210	6050	Penrose
13280	7210	6070	Penrose
13300	7210	6090	Penrose
13320	7210	6110	Penrose
13340	7210	6130	Penrose
13360	7210	6150	Penrose
13380	7210	6170	Penrose
13400	7210	6190	Penrose
13420	7210	6210	Penrose
13440	7210	6230	Penrose
13460	7210	6250	Penrose
13480	7210	6270	Penrose
13500	7210	6290	Penrose
13520	7210	6310	Penrose
13540	7210	6330	Penrose
13560	7210	6350	Penrose
13580	7210	6370	Penrose
13600	7210	6390	Penrose
13620	7210	6410	Penrose
13640	7210	6430	Penrose
13660	7210	6450	Penrose
13680	7210	6470	Penrose
13700	7210	6490	Penrose
13720	7210	6510	Penrose
13740	7210	6530	Penrose
13760	7210	6550	Penrose
13780	7210	6570	Penrose
13800	7210	6590	Penrose
13820	7210	6610	Penrose
13840	7210	6630	Penrose
13860	7210	6650	Penrose
13880	7210	6670	Penrose
13900	7210	6690	Penrose

0609, WEEK