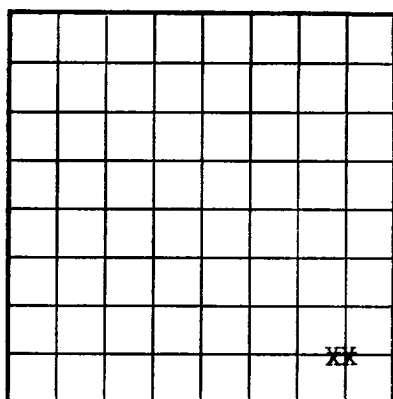


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 062391
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Barney Cockburn Address Box 105, Artesia, N. M.
Lessor or Tract Wyatt Field Wildcat State N. M.
Well No. 1 Sec. 33 T. 17S R. 33E Meridian NMPM County Lea
Location 660 ft. { N } of S Line and 660 ft. { E } of E Line of 33-17-33 Elevation
(Describe Area 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.

Date March 23, 1946 Signed _____
Title Agent

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

Commenced drilling ----- Nov. 1, 1943, 19 ----- Finished drilling ----- Jan. 23, 1945 -----, 19 -----

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4055 to 4068 No. 4, from 4803 to 4987
No. 2, from 4348 to 4360 No. 5, from 5200 to 5207
No. 3, from 4696 to 4710 No. 6, from 5278 to 5287

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—	
8-5/8	28#		Lapweld	1408	Texas Pattern				
1 1/2	20		Seamless	4205	ditto				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1498	50	Halliburton		
7	4265	100		Ripped & cemented	3690-3702

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
	2 1/2" & 3 1/2"	Glycerin	1190 qts 2/4/46		4600-5350	

TOOLS USED

Rotary tools were used from 0 feet to 1498 feet, and from _____ feet to _____ feet.
Cable tools were used from 1498 feet to 7042 feet, and from _____ feet to _____ feet.

DATES

Put to producing March 15, 19 46

The production for the first 24 hours was 125 ----- 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. _____

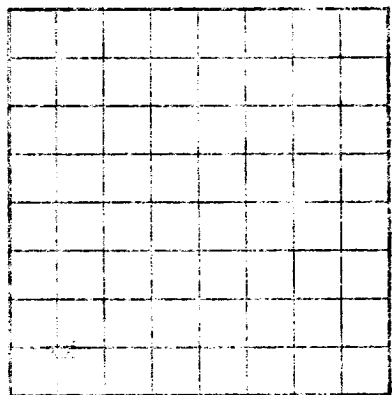
EMPLOYEES

N. E. Oliver	Driller	J. F. Kummell	Driller
Burch Spencer	Driller	J. B. Dyson	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	95		sand and gravel
95	220		Red bed
220	1445		red rock
1445	1580		anhy.
1580	1595		salt
1595	1610		anhy.
1610	1620		red rock
1620	1645		anhy.
1645	1650		red rock
1650	1690		potash & anhy.
1690	1760		potash
1760	1815		potash & red rock
1815	1855		potash & anhy.
1855	1990		potash & salt
1990	2040		salt
2040	2270		potash & salt
2270	2535		salt
2535	2560		anhy.
2560	2710		salt & anhy.
2710	4033		anhy.
4033	4045		broken anhy.
4045	4055		anhy.
4055	4068		oil sand
4068	4080		broken sand
4080	4090		red sand
4090	4097.0	107.0	lime

FORMATION RECORD—CONTINUED



LOCATE WELL CORRECTLY

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company _____
Lessor or Trust _____
Well No. _____
Location _____
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.

Date _____
The summary on this page is for the condition of the well at above date
Commenced drilling _____
Finished drilling _____

OIL OR GAS BANDS OR ZONES

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

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

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 "detached" 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 bailing.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
4097	4111	14	any.
4111	4130	19	any.
4130	4139	9	any.
4139	4145	6	any.
4145	4175	30	any.
4175	4185	10	any.
4185	4210	25	any.
4210	4222	12	any.
4222	4262	40	any.
4262	4285	23	any.
4285	4308	23	any.
4308	4325	17	any.
4325	4354	29	any.
4354	4372	18	any.
4372	4385	13	any.
4385	4408	23	any.
4408	4415	7	any.
4415	4430	15	any.
4430	4439	9	any.
4439	4452	13	any.
4452	4469	17	any.
4469	4485	16	any.
4485	4508	23	any.
4508	4522	14	any.
4522	4534	12	any.
4534	4546	12	any.
4546	4564	18	any.
4564	4572	8	any.
4572	4578	6	any.
4578	4585	7	any.
4585	4608	23	any.
4608	4625	17	any.
4625	4654	29	any.
4654	4685	31	any.
4685	4710	25	any.
4710	4722	12	any.
4722	4739	17	any.
4739	4752	13	any.
4752	4764	12	any.
4764	4775	11	any.
4775	4785	10	any.
4785	4799	14	any.
4799	4815	16	any.
4815	4830	15	any.
4830	4845	15	any.
4845	4860	15	any.
4860	4875	15	any.
4875	4890	15	any.
4890	4905	15	any.
4905	4920	15	any.
4920	4935	15	any.
4935	4950	15	any.
4950	4965	15	any.
4965	4980	15	any.
4980	4995	15	any.
4995	5010	15	any.
5010	5025	15	any.
5025	5040	15	any.
5040	5055	15	any.
5055	5070	15	any.
5070	5085	15	any.
5085	5100	15	any.
5100	5115	15	any.
5115	5130	15	any.
5130	5145	15	any.
5145	5160	15	any.
5160	5175	15	any.
5175	5190	15	any.
5190	5205	15	any.
5205	5220	15	any.
5220	5235	15	any.
5235	5250	15	any.
5250	5265	15	any.
5265	5280	15	any.
5280	5295	15	any.
5295	5310	15	any.
5310	5325	15	any.
5325	5340	15	any.
5340	5355	15	any.
5355	5370	15	any.
5370	5385	15	any.
5385	5400	15	any.
5400	5415	15	any.
5415	5430	15	any.
5430	5445	15	any.
5445	5460	15	any.
5460	5475	15	any.
5475	5490	15	any.
5490	5505	15	any.
5505	5520	15	any.
5520	5535	15	any.
5535	5550	15	any.
5550	5565	15	any.
5565	5580	15	any.
5580	5595	15	any.
5595	5610	15	any.
5610	5625	15	any.
5625	5640	15	any.
5640	5655	15	any.
5655	5670	15	any.
5670	5685	15	any.
5685	5700	15	any.
5700	5715	15	any.
5715	5730	15	any.
5730	5745	15	any.
5745	5760	15	any.
5760	5775	15	any.
5775	5790	15	any.
5790	5805	15	any.
5805	5820	15	any.
5820	5835	15	any.
5835	5850	15	any.
5850	5865	15	any.
5865	5880	15	any.
5880	5895	15	any.
5895	5910	15	any.
5910	5925	15	any.
5925	5940	15	any.
5940	5955	15	any.
5955	5970	15	any.
5970	5985	15	any.
5985	6000	15	any.
6000	6015	15	any.
6015	6030	15	any.
6030	6045	15	any.
6045	6060	15	any.
6060	6075	15	any.
6075	6090	15	any.
6090	6105	15	any.
6105	6120	15	any.
6120	6135	15	any.
6135	6150	15	any.
6150	6165	15	any.
6165	6180	15	any.
6180	6195	15	any.
6195	6210	15	any.
6210	6225	15	any.
6225	6240	15	any.
6240	6255	15	any.
6255	6270	15	any.
6270	6285	15	any.
6285	6300	15	any.
6300	6315	15	any.
6315	6330	15	any.
6330	6345	15	any.
6345	6360	15	any.
6360	6375	15	any.
6375	6390	15	any.
6390	6405	15	any.
6405	6420	15	any.
6420	6435	15	any.
6435	6450	15	any.
6450	6465	15	any.
6465	6480	15	any.
6480	6495	15	any.
6495	6510	15	any.
6510	6525	15	any.
6525	6540	15	any.
6540	6555	15	any.
6555	6570	15	any.
6570	6585	15	any.
6585	6600	15	any.
6600	6615	15	any.
6615	6630	15	any.
6630	6645	15	any.
6645	6660	15	any.
6660	6675	15	any.
6675	6690	15	any.
6690	6705	15	any.
6705	6720	15	any.
6720	6735	15	any.
6735	6750	15	any.
6750	6765	15	any.
6765	6780	15	any.
6780	6795	15	any.
6795	6810	15	any.
6810	6825	15	any.
6825	6840	15	any.
6840	6855	15	any.
6855	6870	15	any.
6870	6885	15	any.
6885	6900	15	any.
6900	6915	15	any.
6915	6930	15	any.
6930	6945	15	any.
6945	6960	15	any.
6960	6975	15	any.
6975	6990	15	any.
6990	7005	15	any.
7005	7020	15	any.
7020	7035	15	any.
7035	7050	15	any.
7050	7065	15	any.
7065	7080	15	any.
7080	7095	15	any.
7095	7110	15	any.
7110	7125	15	any.
7125	7140	15	any.
7140	7155	15	any.
7155	7170	15	any.
7170	7185	15	any.
7185	7200	15	any.
7200	7215	15	any.
7215	7230	15	any.
7230	7245	15	any.
7245	7260	15	any.
7260	7275	15	any.
7275	7290	15	any.
7290	7305	15	any.
7305	7320	15	any.
7320	7335	15	any.
7335	7350	15	any.
7350	7365	15	any.
7365	7380	15	any.
7380	7395	15	any.
7395	7410	15	any.
7410	7425	15	any.
7425	7440	15	any.
7440	7455	15	any.
7455	7470	15	any.
7470	7485	15	any.
7485	7500	15	any.
7500	7515	15	any.
7515	7530	15	any.
7530	7545	15	any.
7545	7560	15	any.
7560	7575	15	any.
7575	7590	15	any.
7590	7605	15	any.
7605	7620	15	any.
7620	7635	15	any.
7635	7650	15	any.
7650	7665	15	any.
7665	7680	15	any.
7680	7695	15	any.
7695	7710	15	any.
7710	7725	15	any.
7725	7740	15	any.
7740	7755	15	any.
7755	7770	15	any.
7770	7785	15	any.
7785	7800	15	any.
7800	7815	15	any.
7815	7830	15	any.
7830	7845	15	any.
7845	7860	15	any.
7860	7875	15	any.
7875	7890	15	any.
7890	7905	15	any.
7905	7920	15	any.
7920	7935	15	any.
7935	7950	15	any.
7950	7965	15	any.
7965	7980	15	any.
7980	7995	15	any.
7995	8010	15	any.
8010	8025	15	any.
8025	8040	15	any.
8040	8055	15	any.
8055	8070	15	any.
8070	8085	15	any.
8085	8100	15	any.
8100	8115	15	any.
8115	8130	15	any.
8130	8145	15	any.
8145	8160	15	any.
8160	8175	15	any.
8175	8190	15	any.
8190	8205	15	any.
8205	8220	15	any.
8220	8235	15	any.
8235	8250	15	any.
8250	8265	15	any.
8265	8280	15	any.
8280	8295	15	any.
8295	8310	15	any.
8310	8325	15	any.
8325	8340	15	any.
8340	8355	15	any.
8355	8370	15	any.
8370	8385	15	any.
8385	8400	15	any.
8400	8415	15	any.
8415	8430	15	any.
8430	8445	15	any.
8445	8460	15	any.
8460	8475	15	any.
8475	8490	15	any.
8490	8505	15	any.
8505	8520	15	any.
8520	8535	15	any.
8535	8550	15	any.
8550	8565	15	any.
8565	8580	15	any.
8580	8595	15	any.
8595	8610	15	any.
8610	8625	15	any.
8625	8640	15	any.
8640	8655	15	any.
8655	8670	15	any.
8670	8685	15	any.
8685	8700	15	any.
8700	8715	15	any.
8715	8730	15	any.
8730	8745	15	any.
8745	8760	15	any.
8760	8775	15	any.
8775	8790	15	any.
8790	8805	15	any.
8805	8820	15	any.
8820	8835	15	any.
8835	8850	15	any.
8850	8865	15	any.
8865	8880	15	any.
8880	8895	15	any.
8895	8910	15	any.
8910	8925	15	any.
8925	8940	15	any.
8940	8955	15	any.
8955	8970	15	any.
8970	8985	15	any.
8985	9000	15	any.