

New Mexico

U. S. LAND OFFICE

0533

SERIAL NUMBER

LEASE ON PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **LEONARD OIL COMPANY** Address **Box 708 - Roswell, New Mexico**
Lessor or Tract **Hobbs Federal** Field **Cedar Point Queen** State **New Mexico**
Well No. **4** Sec. **24** T. **15-S** R. **30-E** Meridian **N.M.P.M.** County **Chaves**
Location **1980** ft. **N** of **N** Line and **660** ft. **E** of **W** Line of **Sec.** Elevation **GL 4252**
(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 *John H. Hill* Title **General Manager**

Date _____

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

Commenced drilling _____, 19____ Finished drilling _____, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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. 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	32.30	8	CP&I	195'	Tex. Pattern				Surface
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	195'	100 sk	Pump & plug		

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 **0** feet to **2851** 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____

The production for the first 24 hours was **None** 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

H.M. Heath, Driller **H.J. Romine**, Driller
R.E. Lee, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	195	195	Sand & red beds
195	303	108	Red bed
303	896	593	Red bed & shale
896	1030	134	Red Bed & anhy
1030	1100	70	Anhy & red rock
1100	1915	815	Salt & anhy
1915	2025	110	Anhy
2025	2260	235	Sand & anhy
2260	2775	515	Anhy, Red sh & red sand
2775	2778	3	Anhy
2778	2780	2	Gray shale w/anhy streaks
2780	2782	2	Anhy

[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR:

GEOLOGICAL SURVEY

7. 30. 1954

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

BTTC S TO BQMAE SAG SO JIO

(19) $\text{val}(\text{sub}) = \text{val}(\text{sub})$ [illegible]

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0	from 10.8 to 12.0	0	from 10.8 to 12.0
10	from 10.4 to 11.6	10	from 10.4 to 11.6

CROOKS SHEDD

Account	Debit	Credit	Balance
1. Balance forward			100.00
2. Cash	50.00		50.00
3. Accounts payable		25.00	25.00
4. Inventory	25.00		25.00
5. Retained earnings		100.00	100.00
6. Total	75.00	125.00	100.00

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 "sidetracked" 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

U. S. GOVERNMENT PRINTING OFFICE

RECORDING AND COMMENTING RECORD

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PLUGS AND ADAPTERS

CHARTERED UNIVERSITY

Size	Spill rate	Spill rate per barrel	Spill rate per barrel	Spill rate per barrel	Spill rate per barrel
1000	1000	1000	1000	1000	1000

Q22U 2 1007

test	of test	method	of test	method	of test
test	of test	method	of test	method	of test

275

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1000	1000	1000
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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EMPLOYEES

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FORMATION RECORD

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