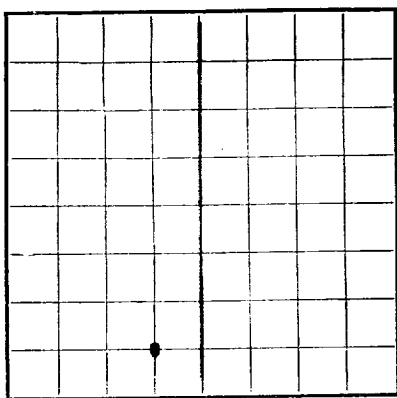


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **LC 064725**
LEASE OR PERMIT TO PROSPECT

HOBBS OFFICE 000

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **Neville G. Penrose, Inc.** Address **Box 988 Eunice, New Mexico**
Lessor or Tract **Lockhart** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **4** T. **22S** R. **38E** Meridian **N.M.P.M.** County **Lea**
Location **660** ft. **N** of **S** Line and **660** ft. **E** of **E** Line of **Sec. 4** Elevation **3414**
(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 **T.H. Bright** T.H. BrightDate _____ Title **Production Supt.**

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

Commenced drilling **June 30, 1955**, 19____ Finished drilling **August 16**, 19**55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

NO COMMERCIAL ZONE

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	
13-3/8	48	(8rd)	H-40	150'	Tex. Pat.	---	---	---	Surface
8-5/8	28	(8rd)	H-40	2820'	Plug	150'	---	---	Incurred.
5 1/2	24	(8rd)	H-40	4515'	Plug	2820'	---	---	Production
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
13-3/8	150	150	Circulated	---	---
8-5/8	2820	25	Hallib. Plug	---	---
5 1/2	4515	125	Hallib. 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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from **Surface** feet to **2820** feet, and from _____ feet to _____ feet_____, 19____ Date **Oct. 7, 1955**

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment.

If gas well, cu. ft. per 24 hours _____ Gravity, °Bé: _____

Rock pressure, lbs. per sq. in. _____ Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2500	2500	Red Beds
2500	2630	130	Salt & Anhydrite
2630	2660	30	Anhydrite
2660	2790	130	Salt
2790	4120	1330	Anhy., Sand, Shale, w/ stringers of Dolo.
4120	4515	395	Dolomite

Geol Tops on back

EIGHT EELS (OVER)

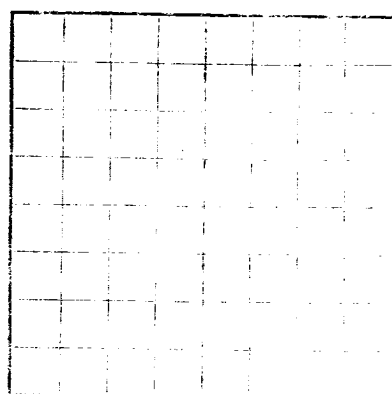
16-48094-8

FORMATION RECORD—CONTINUED

LEASE OR PERMIT TO PROSPECT
SERIAL NUMBER
U.S. LAND OFFICE
JAN 1905

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WITH CORRECTLY

The information on 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 _____

T.H. Knight
Title _____

Location _____ of _____ line and _____
Well No. _____ and _____ T. and R. _____
Lessor or Trust _____
Company _____
Address _____
State _____

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

NO ZONES OR SANDS

To (from)		From (to)	
to	from	to	from
to	from	to	from
to	from	to	from

Perforated 5 1/2" csg. from 4382 to 4592 with 4 HPL.
No. 2 from 10 to 10
Acidized turn perf. with 500 gal and acid, fractured with 10,000 gal
and 10,000 sand. Never fully recovered lost oil.
No. 4 from 10 to 10
IMPORTANT WATER SANDS

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 abandoned, give date, size, position, and number of shots. Holes or fractures were put in to test the water. State kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

MUDLOG AND DRILLING RECORD		MUDLOG AND DRILLING RECORD	
Time	Depth	Time	Depth
10:00	100	10:00	100
10:05	105	10:05	105
10:10	110	10:10	110
10:15	115	10:15	115
10:20	120	10:20	120
10:25	125	10:25	125
10:30	130	10:30	130
10:35	135	10:35	135
10:40	140	10:40	140
10:45	145	10:45	145
10:50	150	10:50	150
10:55	155	10:55	155
11:00	160	11:00	160
11:05	165	11:05	165
11:10	170	11:10	170
11:15	175	11:15	175
11:20	180	11:20	180
11:25	185	11:25	185
11:30	190	11:30	190
11:35	195	11:35	195
11:40	200	11:40	200
11:45	205	11:45	205
11:50	210	11:50	210
11:55	215	11:55	215
12:00	220	12:00	220
12:05	225	12:05	225
12:10	230	12:10	230
12:15	235	12:15	235
12:20	240	12:20	240
12:25	245	12:25	245
12:30	250	12:30	250
12:35	255	12:35	255
12:40	260	12:40	260
12:45	265	12:45	265
12:50	270	12:50	270
12:55	275	12:55	275
13:00	280	13:00	280
13:05	285	13:05	285
13:10	290	13:10	290
13:15	295	13:15	295
13:20	300	13:20	300
13:25	305	13:25	305
13:30	310	13:30	310
13:35	315	13:35	315
13:40	320	13:40	320
13:45	325	13:45	325
13:50	330	13:50	330
13:55	335	13:55	335
14:00	340	14:00	340
14:05	345	14:05	345
14:10	350	14:10	350
14:15	355	14:15	355
14:20	360	14:20	360
14:25	365	14:25	365
14:30	370	14:30	370
14:35	375	14:35	375
14:40	380	14:40	380
14:45	385	14:45	385
14:50	390	14:50	390
14:55	395	14:55	395
15:00	400	15:00	400
15:05	405	15:05	405
15:10	410	15:10	410
15:15	415	15:15	415
15:20	420	15:20	420
15:25	425	15:25	425
15:30	430	15:30	430
15:35	435	15:35	435
15:40	440	15:40	440
15:45	445	15:45	445
15:50	450	15:50	450
15:55	455	15:55	455
16:00	460	16:00	460
16:05	465	16:05	465
16:10	470	16:10	470
16:15	475	16:15	475
16:20	480	16:20	480
16:25	485	16:25	485
16:30	490	16:30	490
16:35	495	16:35	495
16:40	500	16:40	500
16:45	505	16:45	505
16:50	510	16:50	510
16:55	515	16:55	515
17:00	520	17:00	520
17:05	525	17:05	525
17:10	530	17:10	530
17:15	535	17:15	535
17:20	540	17:20	540
17:25	545	17:25	545
17:30	550	17:30	550
17:35	555	17:35	555
17:40	560	17:40	560
17:45	565	17:45	565
17:50	570	17:50	570
17:55	575	17:55	575
18:00	580	18:00	580
18:05	585	18:05	585
18:10	590	18:10	590
18:15	595	18:15	595
18:20	600	18:20	600
18:25	605	18:25	605
18:30	610	18:30	610
18:35	615	18:35	615
18:40	620	18:40	620
18:45	625	18:45	625
18:50	630	18:50	630
18:55	635	18:55	635
19:00	640	19:00	640
19:05	645	19:05	645
19:10	650	19:10	650
19:15	655	19:15	655
19:20	660	19:20	660
19:25	665	19:25	665
19:30	670	19:30	670
19:35	675	19:35	675
19:40	680	19:40	680
19:45	685	19:45	685
19:50	690	19:50	690
19:55	695	19:55	695
20:00	700	20:00	700
20:05	705	20:05	705
20:10	710	20:10	710
20:15	715	20:15	715
20:20	720	20:20	720
20:25	725	20:25	725
20:30	730	20:30	730
20:35	735	20:35	735
20:40	740	20:40	740
20:45	745	20:45	745
20:50	750	20:50	750
20:55	755	20:55	755
21:00	760	21:00	760
21:05	765	21:05	765
21:10	770	21:10	770
21:15	775	21:15	775
21:20	780	21:20	780
21:25	785	21:25	785
21:30	790	21:30	790
21:35	795	21:35	795
21:40	800	21:40	800
21:45	805	21:45	805
21:50	810	21:50	810
21:55	815	21:55	815
22:00	820	22:00	820
22:05	825	22:05	825
22:10	830	22:10	830
22:15	835	22:15	835
22:20	840	22:20	840
22:25	845	22:25	845
22:30	850	22:30	850
22:35	855	22:35	855
22:40	860	22:40	860
22:45	865	22:45	865
22:50	870	22:50	870
22:55	875	22:55	875
23:00	880	23:00	880
23:05	885	23:05	885
23:10	890	23:10	890
23:15	895	23:15	895
23:20	900	23:20	900
23:25	905	23:25	905
23:30	910	23:30	910
23:35	915	23:35	915
23:40	920	23:40	920
23:45	925	23:45	925
23:50	930	23:50	930
23:55	935	23:55	935
24:00	940	24:00	940
24:05	945	24:05	945
24:10	950	24:10	950
24:15	955	24:15	955
24:20	960	24:20	960
24:25	965	24:25	965
24:30	970	24:30	970
24:35	975	24:35	975
24:40	980	24:40	980
24:45	985	24:45	985
24:50	990	24:50	990
24:55	995	24:55	995
25:00	1000	25:00	1000