

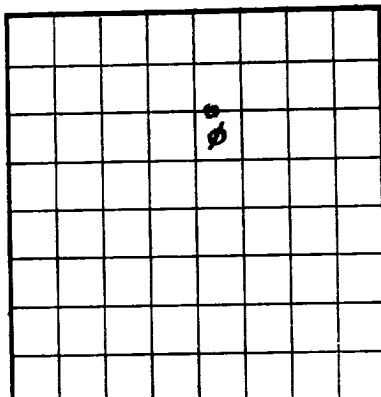
Las Cruces

Form 9-380

U. S. LAND OFFICE, C. 062254-A

SERIAL NUMBER 1aa

LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Geo. D. Riggs

Box 30, Carlsbad, New Mex.

Company Thomas M. Mayfield Address Wilcox New Mexico

Lessor or Tract 33 205 28 E Field N.M.P.M. State New Mexico

Well No. 1650 Sec. 33 T. 205 E. Meridian 33, 205 E. County 3201

Location 1650 ft. [S.] of Line and 1650 ft. [E.] of Line of 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.

Date June 5, 1956 Signed operator Title

The summary on this page is for the condition of the well at above date. May 22, 56
Commenced drilling May 6, 19 Finished drilling none, 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 153 to 180 amounts No. 3, from to
No. 2, from 387 to 390 gyp water 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	24	8	used	366	reg	200 feet			water shut-off
5 1/2	17	11 1/2	used	702	reg	702			water 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	366		dump	heavy	hole full
5 1/2	702		dump	heavy	hole full

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 748 feet, and from feet to feet

DATES

P & A May 24, 1956 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. G. Wilson, Driller Karl Cruse, Driller
W. E. Runyon, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
surface	40	40	red shale
40	74	34	red sand
74	88	14	red shale
88	98	10	red sand & shale
98	130	32	red clay & gyp
130	150	20	red clay
150	188	38	red sand water at 158
188	260	72	red clay & gyp
260	275	15	red sand, fine
275	380	105	red beds
380	392	12	fine red sand, water
392	515	123	salt
515	540	25	anhydrite
540	587	47	dolo, brown & lite
587	595	8	sandy shale
595	636	41	dolo & anhy.
636	647	11	dolo & fine sand
647	684	37	dolo and anhydrite
684	700	16	dolo, brown, hard
700	702	2	sand & white anhyd
702	711	9	anhyd & sand
711	748	37	sand Sulphur water 746 to 748, T.D.

FROM—

TO—

TOTAL FEET

FORMATION

(OVER)

16-43094-2

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
10	15	5	Gravelly sand
15	20	5	Sand
20	25	5	Sand
25	30	5	Sand
30	35	5	Sand
35	40	5	Sand
40	45	5	Sand
45	50	5	Sand
50	55	5	Sand
55	60	5	Sand
60	65	5	Sand
65	70	5	Sand
70	75	5	Sand
75	80	5	Sand
80	85	5	Sand
85	90	5	Sand
90	95	5	Sand
95	100	5	Sand
100	105	5	Sand
105	110	5	Sand
110	115	5	Sand
115	120	5	Sand
120	125	5	Sand
125	130	5	Sand
130	135	5	Sand
135	140	5	Sand
140	145	5	Sand
145	150	5	Sand
150	155	5	Sand
155	160	5	Sand
160	165	5	Sand
165	170	5	Sand
170	175	5	Sand
175	180	5	Sand
180	185	5	Sand
185	190	5	Sand
190	195	5	Sand
195	200	5	Sand
200	205	5	Sand
205	210	5	Sand
210	215	5	Sand
215	220	5	Sand
220	225	5	Sand
225	230	5	Sand
230	235	5	Sand
235	240	5	Sand
240	245	5	Sand
245	250	5	Sand
250	255	5	Sand
255	260	5	Sand
260	265	5	Sand
265	270	5	Sand
270	275	5	Sand
275	280	5	Sand
280	285	5	Sand
285	290	5	Sand
290	295	5	Sand
295	300	5	Sand
300	305	5	Sand
305	310	5	Sand
310	315	5	Sand
315	320	5	Sand
320	325	5	Sand
325	330	5	Sand
330	335	5	Sand
335	340	5	Sand
340	345	5	Sand
345	350	5	Sand
350	355	5	Sand
355	360	5	Sand
360	365	5	Sand
365	370	5	Sand
370	375	5	Sand
375	380	5	Sand
380	385	5	Sand
385	390	5	Sand
390	395	5	Sand
395	400	5	Sand
400	405	5	Sand
405	410	5	Sand
410	415	5	Sand
415	420	5	Sand
420	425	5	Sand
425	430	5	Sand
430	435	5	Sand
435	440	5	Sand
440	445	5	Sand
445	450	5	Sand
450	455	5	Sand
455	460	5	Sand
460	465	5	Sand
465	470	5	Sand
470	475	5	Sand
475	480	5	Sand
480	485	5	Sand
485	490	5	Sand
490	495	5	Sand
495	500	5	Sand
500	505	5	Sand
505	510	5	Sand
510	515	5	Sand
515	520	5	Sand
520	525	5	Sand
525	530	5	Sand
530	535	5	Sand
535	540	5	Sand
540	545	5	Sand
545	550	5	Sand
550	555	5	Sand
555	560	5	Sand
560	565	5	Sand
565	570	5	Sand
570	575	5	Sand
575	580	5	Sand
580	585	5	Sand
585	590	5	Sand
590	595	5	Sand
595	600	5	Sand
600	605	5	Sand
605	610	5	Sand
610	615	5	Sand
615	620	5	Sand
620	625	5	Sand
625	630	5	Sand
630	635	5	Sand
635	640	5	Sand
640	645	5	Sand
645	650	5	Sand
650	655	5	Sand
655	660	5	Sand
660	665	5	Sand
665	670	5	Sand
670	675	5	Sand
675	680	5	Sand
680	685	5	Sand
685	690	5	Sand
690	695	5	Sand
695	700	5	Sand
700	705	5	Sand
705	710	5	Sand
710	715	5	Sand
715	720	5	Sand
720	725	5	Sand
725	730	5	Sand
730	735	5	Sand
735	740	5	Sand
740	745	5	Sand
745	750	5	Sand
750	755	5	Sand
755	760	5	Sand
760	765	5	Sand
765	770	5	Sand
770	775	5	Sand
775	780	5	Sand
780	785	5	Sand
785	790	5	Sand
790	795	5	Sand
795	800	5	Sand
800	805	5	Sand
805	810	5	Sand
810	815	5	Sand
815	820	5	Sand
820	825	5	Sand
825	830	5	Sand
830	835	5	Sand
835	840	5	Sand
840	845	5	Sand
845	850	5	Sand
850	855	5	Sand
855	860	5	Sand
860	865	5	Sand
865	870	5	Sand
870	875	5	Sand
875	880	5	Sand
880	885	5	Sand
885	890	5	Sand
890	895	5	Sand
895	900	5	Sand
900	905	5	Sand
905	910	5	Sand
910	915	5	Sand
915	920	5	Sand
920	925	5	Sand
925	930	5	Sand
930	935	5	Sand
935	940	5	Sand
940	945	5	Sand
945	950	5	Sand
950	955	5	Sand
955	960	5	Sand
960	965	5	Sand
965	970	5	Sand
970	975	5	Sand
975	980	5	Sand
980	985	5	Sand
985	990	5	Sand
990	995	5	Sand
995	1000	5	Sand

EMPLOYEES

Driller
Driller

FORMATION RECORD

DATES

Put to production
The production for the first 24 hours was
If gas well, give the pressure, the pressure
emission: % water and % sediment
Gallons gasoline per 1000 cu. ft. of gas
Gravity: Bx
% was oil: %
19

TOOLS USED

feet, and from
feet, and from
feet, and from

SHOOTING RECORD

Depth set
Depth cleaned out

PLUGS AND ADAPTERS

Heavy plug—Material
Adapters—Material

MUDDING AND CEMENTING RECORD

Amount of mud used
Method used

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE
16-40064-1

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 "struck" 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.

CASING RECORD

Location
To—
From—

IMPORTANT WATER SAMPLES

No. 1 from
No. 2 from

OIL OR GAS SANDS OR SOLES

No. 1 from
No. 2 from

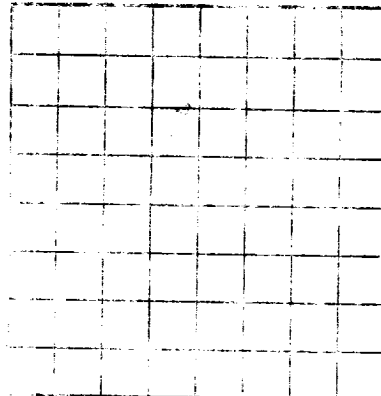
Comments during drilling
The summary of this well is given in the following table. This table is to be filled in by the driller or the person in charge of the well. It should be filled in as the well is drilled, and should be filled in as the well is completed. The information given here is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date
Signed

Location
The information given here is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Well No.
Dress of Tract
Company

LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Form 9-228