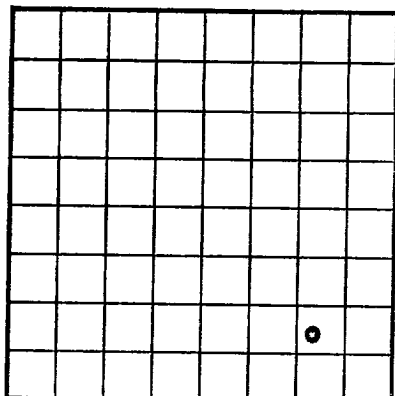




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company GREENBRIER OIL COMPANY Address 871½ Main Ave., Durango, Colorado
 Lessor or Tract Lawson-Federal Field Glade State New Mexico
 Well No. 1 Sec. 31 T. 32N R. 11W Meridian N.M. P.M. County San Juan
 Location 1040 ft. { N. } of S Line and 990 ft. { E. } of E Line of SW ¼, Sec 31 Elevation 6041 GL
 { S. } { W. }

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

Date January 6, 1952

Title Spot Production

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

Commenced drilling October 28, 1951 Finished drilling December 17, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2703' to 3092' No. 4, from 4721' to 4926'
No. 2, from 3092' to 3210' No. 5, from 4926' to 5060'
No. 3, from 3270' to 4721' No. 6, from 5370' to TD

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—	
10 3/4"	32.75		Nat'l	165'	None				Surface
7 1/2"	20 & 23	8 rd thd	Nat'l	515'	Baker				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	165'	95 Sax Ideal Reg	Halliburton		
8"	5315'	250 Sax Ideal Reg	Halliburton		

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
5"	SPECIALTY	Oilwell Explo. 100%	980 qts	12/15	5665' - 5379'	TD 5665'

TOOLS USED

Rotary tools were used from Surface feet to 535' feet, and from _____ feet to _____ feet

Cable tools were used from 5315' feet to 5665' feet, and from _____ feet to _____ feet.

DATES

12/18/51, 19 Put to producing Shut in 12/18/51, 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 3,170 Mcf Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ~~1075~~ 1075 psi

EMPLOYEES

~~Denman Drilling Co., Contractor~~, Driller _____, Driller

_____, Driller _____, Driller

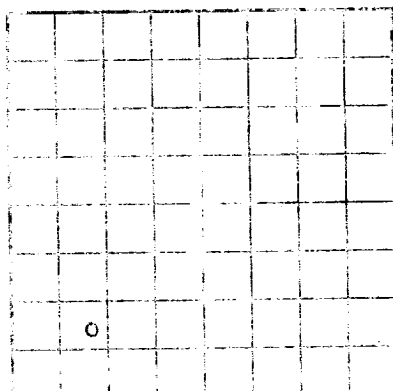
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	165	165	Surface clay and sand
165	1912	1747	Shale and sand
1912	2229	317	Shale
2229	2325	96	Shale and sand
2325	2860	535	Shale
2860	2944	84	Shale and sand
2944	3005	61	Shale and coal
3005	3110	105	Sand, shale and coal
3110	3335	225	Sand and shale
3335	3450	115	Sand and shale
3450	4223	773	Shale
4223	4597	374	Shale and sand
4597	4636	39	Shale
4636	4833	197	Sand and shale
4833	4852	19	Sand
4852	5315	363	Shale and sand
5315	5348	33	Shale and sand
5348	5365	17	Sand
5365	5375	10	Sand and shale
5375	5504	129	Sand
5504	5540	36	Sand and shale
5540	5552	12	Sand
5552	5565	13	Sand and shale
5565	5600	35	Sand

U. S. LAND OFFICE
General Number _____
License or Permit to Prospect _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company _____
Owner or Lessee _____
Well No. _____
Location _____
The information given herein is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

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

OIL OR GAS SANDS OR ZONES

(Indicate feet by 0)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____

INFORMATION FROM SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____

TESTING 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 the 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, 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
400	402	2	Shale and shale
402	405	3	Shale and shale
405	408	3	Shale and shale
408	410	2	Shale and shale
410	412	2	Shale and shale
412	415	3	Shale and shale
415	418	3	Shale and shale
418	420	2	Shale and shale
420	422	2	Shale and shale
422	425	3	Shale and shale
425	428	3	Shale and shale
428	430	2	Shale and shale
430	432	2	Shale and shale
432	435	3	Shale and shale
435	438	3	Shale and shale
438	440	2	Shale and shale
440	442	2	Shale and shale
442	445	3	Shale and shale
445	448	3	Shale and shale
448	450	2	Shale and shale
450	452	2	Shale and shale
452	455	3	Shale and shale
455	458	3	Shale and shale
458	460	2	Shale and shale
460	462	2	Shale and shale
462	465	3	Shale and shale
465	468	3	Shale and shale
468	470	2	Shale and shale
470	472	2	Shale and shale
472	475	3	Shale and shale
475	478	3	Shale and shale
478	480	2	Shale and shale
480	482	2	Shale and shale
482	485	3	Shale and shale
485	488	3	Shale and shale
488	490	2	Shale and shale
490	492	2	Shale and shale
492	495	3	Shale and shale
495	498	3	Shale and shale
498	500	2	Shale and shale
500	502	2	Shale and shale
502	505	3	Shale and shale
505	508	3	Shale and shale
508	510	2	Shale and shale
510	512	2	Shale and shale
512	515	3	Shale and shale
515	518	3	Shale and shale
518	520	2	Shale and shale
520	522	2	Shale and shale
522	525	3	Shale and shale
525	528	3	Shale and shale
528	530	2	Shale and shale
530	532	2	Shale and shale
532	535	3	Shale and shale
535	538	3	Shale and shale
538	540	2	Shale and shale
540	542	2	Shale and shale
542	545	3	Shale and shale
545	548	3	Shale and shale
548	550	2	Shale and shale
550	552	2	Shale and shale
552	555	3	Shale and shale
555	558	3	Shale and shale
558	560	2	Shale and shale
560	562	2	Shale and shale
562	565	3	Shale and shale
565	568	3	Shale and shale
568	570	2	Shale and shale
570	572	2	Shale and shale
572	575	3	Shale and shale
575	578	3	Shale and shale
578	580	2	Shale and shale
580	582	2	Shale and shale
582	585	3	Shale and shale
585	588	3	Shale and shale
588	590	2	Shale and shale
590	592	2	Shale and shale
592	595	3	Shale and shale
595	598	3	Shale and shale
598	600	2	Shale and shale
600	602	2	Shale and shale
602	605	3	Shale and shale
605	608	3	Shale and shale
608	610	2	Shale and shale
610	612	2	Shale and shale
612	615	3	Shale and shale
615	618	3	Shale and shale
618	620	2	Shale and shale
620	622	2	Shale and shale
622	625	3	Shale and shale
625	628	3	Shale and shale
628	630	2	Shale and shale
630	632	2	Shale and shale
632	635	3	Shale and shale
635	638	3	Shale and shale
638	640	2	Shale and shale
640	642	2	Shale and shale
642	645	3	Shale and shale
645	648	3	Shale and shale
648	650	2	Shale and shale
650	652	2	Shale and shale
652	655	3	Shale and shale
655	658	3	Shale and shale
658	660	2	Shale and shale
660	662	2	Shale and shale
662	665	3	Shale and shale
665	668	3	Shale and shale
668	670	2	Shale and shale
670	672	2	Shale and shale
672	675	3	Shale and shale
675	678	3	Shale and shale
678	680	2	Shale and shale
680	682	2	Shale and shale
682	685	3	Shale and shale
685	688	3	Shale and shale
688	690	2	Shale and shale
690	692	2	Shale and shale
692	695	3	Shale and shale
695	698	3	Shale and shale
698	700	2	Shale and shale
700	702	2	Shale and shale
702	705	3	Shale and shale
705	708	3	Shale and shale
708	710	2	Shale and shale
710	712	2	Shale and shale
712	715	3	Shale and shale
715	718	3	Shale and shale
718	720	2	Shale and shale
720	722	2	Shale and shale
722	725	3	Shale and shale
725	728	3	Shale and shale
728	730	2	Shale and shale
730	732	2	Shale and shale
732	735	3	Shale and shale
735	738	3	Shale and shale
738	740	2	Shale and shale
740	742	2	Shale and shale
742	745	3	Shale and shale
745	748	3	Shale and shale
748	750	2	Shale and shale
750	752	2	Shale and shale
752	755	3	Shale and shale
755	758	3	Shale and shale
758	760	2	Shale and shale
760	762	2	Shale and shale
762	765	3	Shale and shale
765	768	3	Shale and shale
768	770	2	Shale and shale
770	772	2	Shale and shale
772	775	3	Shale and shale
775	778	3	Shale and shale
778	780	2	Shale and shale
780	782	2	Shale and shale
782	785	3	Shale and shale
785	788	3	Shale and shale
788	790	2	Shale and shale
790	792	2	Shale and shale
792	795	3	Shale and shale
795	798	3	Shale and shale
798	800	2	Shale and shale
800	802	2	Shale and shale
802	805	3	Shale and shale
805	808	3	Shale and shale
808	810	2	Shale and shale
810	812	2	Shale and shale
812	815	3	Shale and shale
815	818	3	Shale and shale
818	820	2	Shale and shale
820	822	2	Shale and shale
822	825	3	Shale and shale
825	828	3	Shale and shale
828	830	2	Shale and shale
830	832	2	Shale and shale
832	835	3	Shale and shale
835	838	3	Shale and shale
838	840	2	Shale and shale
840	842	2	Shale and shale
842	845	3	Shale and shale
845	848	3	Shale and shale
848	850	2	Shale and shale
850	852	2	Shale and shale
852	855	3	Shale and shale
855	858	3	Shale and shale
858	860	2	Shale and shale
860	862	2	Shale and shale
862	865	3	Shale and shale
865	868	3	Shale and shale
868	870	2	Shale and shale
870	872	2	Shale and shale
872	875	3	Shale and shale
875	878	3	Shale and shale
878	880	2	Shale and shale
880	882	2	Shale and shale
882	885	3	Shale and shale
885	888	3	Shale and shale
888	890	2	Shale and shale
890	892	2	Shale and shale
892	895	3	Shale and shale
895	898	3	Shale and shale
898	900	2	Shale and shale
900	902	2	Shale and shale
902	905	3	Shale and shale
905	908	3	Shale and shale
908	910	2	Shale and shale
910	912	2	Shale and shale
912	915	3	Shale and shale
915	918	3	Shale and shale
918	920	2	Shale and shale
920	922	2	Shale and shale
922	925	3	Shale and shale
925	928	3	Shale and shale
928	930	2	Shale and shale
930	932	2	Shale and shale
932	935	3	Shale and shale
935	938	3	Shale and shale
938	940	2	Shale and shale
940	942	2	Shale and shale
942	945	3	Shale and shale
945	948	3	Shale and shale
948	950	2	Shale and shale
950	952	2	Shale and shale
952	955	3	Shale and shale
955	958	3	Shale and shale
958	960	2	Shale and shale
960	962	2	Shale and shale
962	965	3	Shale and shale
965	968	3	Shale and shale
968	970	2	Shale and shale
970	972	2	Shale and shale
972	975	3	Shale and shale
975	978	3	Shale and shale
978	980	2	Shale and shale
980	982	2	Shale and shale
982	985	3	Shale and shale
985	988	3	Shale and shale
988	990	2	Shale and shale
990	992	2	Shale and shale
992	995	3	Shale and shale
995	998	3	Shale and shale
998	1000	2	Shale and shale