

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 056014

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Underwood & Sanders Address Box 746, Artesia, N. M.

Lessor or Tract _____ Field Loco Hills State New Mexico

Well No. 3P Sec. 9 T. 18s R. 29E Meridian N. M. P. M. County Eddy

Location 1650 ft. $\left\{ \begin{smallmatrix} \text{N.} \\ \text{S.} \end{smallmatrix} \right\}$ of N Line and 330 ft. $\left\{ \begin{smallmatrix} \text{E.} \\ \text{W.} \end{smallmatrix} \right\}$ of E Line of Sec. 9 Elevation 3506 ft.
(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 Marvin Sanders

Date Nov. 15, 1939 Title Bookkeeper

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

Commenced drilling Oct. 10 1939 Finished drilling Nov. 14 1939

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1. from 2508 to 2530 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—	
10"	40#			285'	H				
7 1/2"	34#			256'	H				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10"	285'	50	Halib.		
7" OD	2365'	100	"		5 tons

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
		Glycerin	150 qts	11/14/39	2535	

TOOLS USED

Rotary tools were used from 0 feet to 2365 feet, and from _____ feet to _____ feet

Cable tools were used from 2365 feet to 2535 feet, and from _____ feet to _____ feet.

DATES

_____, 19_____ Put to producing _____, 19_____

The production for the first 24 hours was 15 hr. 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

R. C. Wilson, Driller

R. G. Cunningham, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	79		sand and caliche
79	232		sand and anhydrite
232	320		gyp & red rock
320	435		salt & gyp
435	625		salt, gyp & red rock
625	802		salt shells
802	902		anhydrite & shells
902	958		anhydrite
958	1016		anhydrite & gyp
1016	1070		anhydrite
1070	1264		anhydrite & gyp
1264	1875		anhydrite & gyp
1875	1910		anhydrite & red sand
1910	1995		anhydrite
1995	2038		anhydrite & gyp
2038	2053		anhydrite
2053	2088		anhydrite & gyp
2088	2105		anhydrite & lime
2105	2142		anhydrite & gyp
2142	2186		anhydrite & lime
2186	2193		grey lime
2193	2203		grey lime
2203	2241		broken lime
2241	2262		grey lime
2262	2291		broken lime

3506
 802

 42704

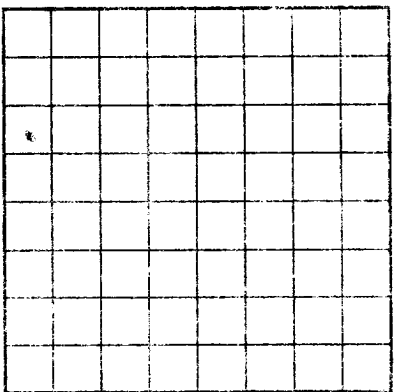
(OVER)

FORMATION RECORD—Continued

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GENERAL NUMBER
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UNITED STATES
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GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company _____
Address _____
Lessor or Tract _____
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.
Signed _____
Date _____
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

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

Size casing per foot	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Set and pulled from	Perforated	Purpose
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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 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

MUDDING AND CEMENTING RECORD

Size casing	Water used	Number sacks of cement	Method used	Mud density	Amount of mud used
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PLUGS AND ADAPTERS

Adapter—Material	Plugging plug—Material	Size	Length	Depth set
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SHOOTING RECORD

Size	Shot used	Explosive used	Quantity	Depth set	Depth of hole
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TOOLS USED

Tool	Used from	Used to
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DATES

Date	Remarks
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EMPLOYEES

Name	Position
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FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	70		sand and shale
70	118		sand and shale
118	120		oil and shale
120	125		oil and shale
125	128		oil and shale
128	130		oil and shale
130	132		oil and shale
132	135		oil and shale
135	138		oil and shale
138	140		oil and shale
140	142		oil and shale
142	145		oil and shale
145	148		oil and shale
148	150		oil and shale
150	152		oil and shale
152	155		oil and shale
155	158		oil and shale
158	160		oil and shale
160	162		oil and shale
162	165		oil and shale
165	168		oil and shale
168	170		oil and shale
170	172		oil and shale
172	175		oil and shale
175	178		oil and shale
178	180		oil and shale
180	182		oil and shale
182	185		oil and shale
185	188		oil and shale
188	190		oil and shale
190	192		oil and shale
192	195		oil and shale
195	198		oil and shale
198	200		oil and shale
200	202		oil and shale
202	205		oil and shale
205	208		oil and shale
208	210		oil and shale
210	212		oil and shale
212	215		oil and shale
215	218		oil and shale
218	220		oil and shale
220	222		oil and shale
222	225		oil and shale
225	228		oil and shale
228	230		oil and shale
230	232		oil and shale
232	235		oil and shale
235	238		oil and shale
238	240		oil and shale
240	242		oil and shale
242	245		oil and shale
245	248		oil and shale
248	250		oil and shale
250	252		oil and shale
252	255		oil and shale
255	258		oil and shale
258	260		oil and shale
260	262		oil and shale
262	265		oil and shale
265	268		oil and shale
268	270		oil and shale
270	272		oil and shale
272	275		oil and shale
275	278		oil and shale
278	280		oil and shale
280	282		oil and shale
282	285		oil and shale
285	288		oil and shale
288	290		oil and shale
290	292		oil and shale
292	295		oil and shale
295	298		oil and shale
298	300		oil and shale
300	302		oil and shale
302	305		oil and shale
305	308		oil and shale
308	310		oil and shale
310	312		oil and shale
312	315		oil and shale
315	318		oil and shale
318	320		oil and shale
320	322		oil and shale
322	325		oil and shale
325	328		oil and shale
328	330		oil and shale
330	332		oil and shale
332	335		oil and shale
335	338		oil and shale
338	340		oil and shale
340	342		oil and shale
342	345		oil and shale
345	348		oil and shale
348	350		oil and shale
350	352		oil and shale
352	355		oil and shale
355	358		oil and shale
358	360		oil and shale
360	362		oil and shale
362	365		oil and shale
365	368		oil and shale
368	370		oil and shale
370	372		oil and shale
372	375		oil and shale
375	378		oil and shale
378	380		oil and shale
380	382		oil and shale
382	385		oil and shale
385	388		oil and shale
388	390		oil and shale
390	392		oil and shale
392	395		oil and shale
395	398		oil and shale
398	400		oil and shale
400	402		oil and shale
402	405		oil and shale
405	408		oil and shale
408	410		oil and shale
410	412		oil and shale
412	415		oil and shale
415	418		oil and shale
418	420		oil and shale
420	422		oil and shale
422	425		oil and shale
425	428		oil and shale
428	430		oil and shale
430	432		oil and shale
432	435		oil and shale
435	438		oil and shale
438	440		oil and shale
440	442		oil and shale
442	445		oil and shale
445	448		oil and shale
448	450		oil and shale
450	452		oil and shale
452	455		oil and shale
455	458		oil and shale
458	460		oil and shale
460	462		oil and shale
462	465		oil and shale
465	468		oil and shale
468	470		oil and shale
470	472		oil and shale
472	475		oil and shale
475	478		oil and shale
478	480		oil and shale
480	482		oil and shale
482	485		oil and shale
485	488		oil and shale
488	490		oil and shale
490	492		oil and shale
492	495		oil and shale
495	498		oil and shale
498	500		oil and shale
500	502		oil and shale
502	505		oil and shale
505	508		oil and shale
508	510		oil and shale
510	512		oil and shale
512	515		oil and shale
515	518		oil and shale
518	520		oil and shale
520	522		oil and shale
522	525		oil and shale
525	528		oil and shale
528	530		oil and shale
530	532		oil and shale
532	535		oil and shale
535	538		oil and shale
538	540		oil and shale
540	542		oil and shale
542	545		oil and shale
545	548		oil and shale
548	550		oil and shale
550	552		oil and shale
552	555		oil and shale
555	558		oil and shale
558	560		oil and shale
560	562		oil and shale
562	565		oil and shale
565	568		oil and shale
568	570		oil and shale
570	572		oil and shale
572	575		oil and shale
575	578		oil and shale
578	580		oil and shale
580	582		oil and shale
582	585		oil and shale
585	588		oil and shale
588	590		oil and shale
590	592		oil and shale
592	595		oil and shale
595	598		oil and shale
598	600		oil and shale
600	602		oil and shale
602	605		oil and shale
605	608		oil and shale
608	610		oil and shale
610	612		oil and shale
612	615		oil and shale
615	618		oil and shale
618	620		oil and shale
620	622		oil and shale
622	625		oil and shale
625	628		oil and shale
628	630		oil and shale
630	632		oil and shale
632	635		oil and shale
635	638		oil and shale
638	640		oil and shale
640	642		oil and shale
642	645		oil and shale
645	648		oil and shale
648	650		oil and shale
650	652		oil and shale
652	655		oil and shale
655	658		oil and shale
658	660		oil and shale
660	662		oil and shale
662	665		oil and shale
665	668		oil and shale
668	670		oil and shale
670	672		oil and shale
672	675		oil and shale
675	678		oil and shale
678	680		oil and shale
680	682		oil and shale
682	685		oil and shale
685	688		oil and shale
688	690		oil and shale
690	692		oil and shale
692	695		oil and shale
695	698		oil and shale
698	700		oil and shale
700	702		oil and shale
702	705		oil and shale
705	708		oil and shale
708	710		oil and shale
710	712		oil and shale
712	715		oil and shale
715	718		oil and shale
718	720		oil and shale
720	722		oil and shale
722	725		oil and shale
725	728		oil and shale
728	730		oil and shale
730	732		oil and shale
732	735		oil and shale
735	738		oil and shale
738	740		oil and shale
740	742		oil and shale
742	745		oil and shale
745	748		oil and shale
748	750		oil and shale
750	752		oil and shale
752	755		oil and shale
755	758		oil and shale
758	760		oil and shale
760	762		oil and shale
762	765		oil and shale
765	768		oil and shale
768	770		oil and shale
770	772		oil and shale
772	775		oil and shale
775	778		oil and shale
778	780		oil and shale
780	782		oil and shale
782	785		oil and shale
785	788		oil and shale
788	790		oil and shale
790	792		oil and shale
792	795		oil and shale
795	798		oil and shale
798	800		oil and shale
800	802		oil and shale
802	805		oil and shale
805	808		oil and shale
808	810		oil and shale
810	812		oil and shale
812	815		oil and shale
815	818		oil and shale
818	820		oil and shale
820	822		oil and shale
822	825		oil and shale
825	828		oil and shale
828	830		oil and shale
830	832		oil and shale
832	835		oil and shale
835	838		oil and shale
838	840		oil and shale
840	842		oil and shale
842	845		oil and shale
845	848		oil and shale
848	850		oil and shale
850	852		oil and shale
852	855		oil and shale
855	858		oil and shale
858	860		oil and shale
860	862		oil and shale
862	865		oil and shale
865	868		oil and shale
868	870		oil and shale
870	872		oil and shale
872	875		oil and shale
875	878		oil and shale
878	880		oil and shale
880	882		oil and shale
882	885		oil and shale
885	888		oil and shale
888	890		oil and shale
890	892		oil and shale
892	895		oil and shale
895	898		oil and shale
898	900		oil and shale
900	902		oil and shale
902	905		oil and shale
905	908		oil and shale
908	910		oil and shale
910	912		oil and shale
912	915		oil and shale
915	918		oil and shale
918	920		oil and shale
920	922		oil and shale
922	925		oil and shale
925	928		oil and shale
928	930		oil and shale
930	932		oil and shale
932	935		oil and shale
935	938		oil and shale
938	940		oil and shale
940	942		oil and shale
942	945		oil and shale
945	948		oil and shale
948	950		oil and shale
950	952		oil and shale
952	955		oil and shale