

Form 9-380

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 030467
LEASE OR PERMIT TO PROSPECT Permit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company S. C. Yingling Address Hobbs, New Mexico
Lessor or Tract Vaughan A-15 Field Jal State New Mexico
Well No. 1 Sec. 15 T. 24 R. 36 Meridian N.M.P.M. County Lea
Location 660 ft. N. of S Line and 1980 ft. E of E Line of Sec. 15 Elevation 3356
(Derriek 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 /s/ J. Johnston

Date July 23, 1936 Title Dist. Supt.

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

Commenced drilling May 13, 1936, 19... Finished drilling July 10, 1936, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3566 to 3609 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 3/4"	40.50	8	SH LW	252	TP				
7 5/8"	16.40	10	SH LW	1636	Cement shoe				
5 1/2"	8.50	10	SH LW	3490	Cement shoe				
2 1/2"	8.50								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	252	200	Halliburton		
7 5/8"	1636	400	Halliburton		
5 1/2"	3490	400	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material 252 Depth set 252
Adapters—Material 252 Depth set 252

SHOT RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

Rotary tools were used from 0 feet to 3609 feet and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3609 feet, and from _____ feet to _____ feet

DATE July 23, 1936 Put to producing July 16, 1936, 19...
The production for the first 24 hours was 642 barrels of fluid of which 100 % was oil; _____ %
emulsion _____ % water; and _____ % sediment.

If gas well, cu. ft. per 24 hours 1,000,000 Grains gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

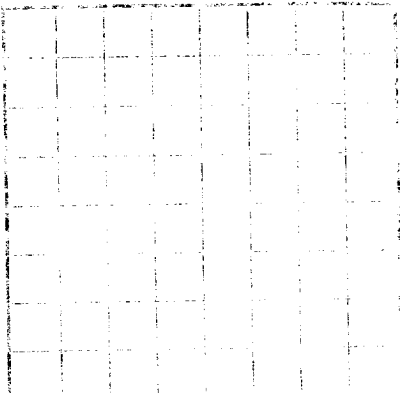
EMPLOYEES
L. E. Hardman, Driller
High Saunders, Driller
O. C. Fuller, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
3525	3327		
3518	3525		
3511	3518		
3504	3511		
3497	3504		
3490	3497		
3483	3490		
3476	3483		
3469	3476		
3462	3469		
3455	3462		
3448	3455		
3441	3448		
3434	3441		
3427	3434		
3420	3427		
3413	3420		
3406	3413		
3399	3406		
3392	3399		
3385	3392		
3378	3385		
3371	3378		
3364	3371		
3357	3364		
3350	3357		
3343	3350		
3336	3343		
3329	3336		
3322	3329		
3315	3322		
3308	3315		
3301	3308		
3294	3301		
3287	3294		
3280	3287		
3273	3280		
3266	3273		
3259	3266		
3252	3259		
3245	3252		
3238	3245		
3231	3238		
3224	3231		
3217	3224		
3210	3217		
3203	3210		
3196	3203		
3189	3196		
3182	3189		
3175	3182		
3168	3175		
3161	3168		
3154	3161		
3147	3154		
3140	3147		
3133	3140		
3126	3133		
3119	3126		
3112	3119		
3105	3112		
3098	3105		
3091	3098		
3084	3091		
3077	3084		
3070	3077		
3063	3070		
3056	3063		
3049	3056		
3042	3049		
3035	3042		
3028	3035		
3021	3028		
3014	3021		
3007	3014		
3000	3007		
2993	3000		
2986	2993		
2979	2986		
2972	2979		
2965	2972		
2958	2965		
2951	2958		
2944	2951		
2937	2944		
2930	2937		
2923	2930		
2916	2923		
2909	2916		
2902	2909		
2895	2902		
2888	2895		
2881	2888		
2874	2881		
2867	2874		
2860	2867		
2853	2860		
2846	2853		
2839	2846		
2832	2839		
2825	2832		
2818	2825		
2811	2818		
2804	2811		
2797	2804		
2790	2797		
2783	2790		
2776	2783		
2769	2776		
2762	2769		
2755	2762		
2748	2755		
2741	2748		
2734	2741		
2727	2734		
2720	2727		
2713	2720		
2706	2713		
2699	2706		
2692	2699		
2685	2692		
2678	2685		
2671	2678		
2664	2671		
2657	2664		
2650	2657		
2643	2650		
2636	2643		
2629	2636		
2622	2629		
2615	2622		
2608	2615		
2601	2608		
2594	2601		
2587	2594		
2580	2587		
2573	2580		
2566	2573		
2559	2566		
2552	2559		
2545	2552		
2538	2545		
2531	2538		
2524	2531		
2517	2524		
2510	2517		
2503	2510		
2496	2503		
2489	2496		
2482	2489		
2475	2482		
2468	2475		
2461	2468		
2454	2461		
2447	2454		
2440	2447		
2433	2440		
2426	2433		
2419	2426		
2412	2419		
2405	2412		
2398	2405		
2391	2398		
2384	2391		
2377	2384		
2370	2377		
2363	2370		
2356	2363		
2349	2356		
2342	2349		
2335	2342		
2328	2335		
2321	2328		
2314	2321		
2307	2314		
2300	2307		
2293	2300		
2286	2293		
2279	2286		
2272	2279		
2265	2272		
2258	2265		
2251	2258		
2244	2251		
2237	2244		
2230	2237		
2223	2230		
2216	2223		
2209	2216		
2202	2209		
2195	2202		
2188	2195		
2181	2188		
2174	2181		
2167	2174		
2160	2167		
2153	2160		
2146	2153		
2139	2146		
2132	2139		
2125	2132		
2118	2125		
2111	2118		
2104	2111		
2097	2104		
2090	2097		
2083	2090		
2076	2083		
2069	2076		
2062	2069		
2055	2062		
2048	2055		
2041	2048		
2034	2041		
2027	2034		
2020	2027		
2013	2020		
2006	2013		
1999	2006		
1992	1999		
1985	1992		
1978	1985		
1971	1978		
1964	1971		
1957	1964		
1950	1957		
1943	1950		
1936	1943		
1929	1936		
1922	1929		
1915	1922		
1908	1915		
1901	1908		
1894	1901		
1887	1894		
1880	1887		
1873	1880		
1866	1873		
1859	1866		
1852	1859		
1845	1852		
1838	1845		
1831	1838		
1824	1831		
1817	1824		
1810	1817		
1803	1810		
1796	1803		
1789	1796		
1782	1789		
1775	1782		
1768	1775		
1761	1768		
1754	1761		
1747	1754		
1740	1747		
1733	1740		
1726	1733		
1719	1726		
1712	1719		
1705	1712		
1698	1705		
1691	1698		
1684	1691		
1677	1684		
1670	1677		
1663	1670		
1656	1663		
1649	1656		
1642	1649		
1635	1642		
1628	1635		
1621	1628		
1614	1621		
1607	1614		
1600	1607		
1593	1600		
1586	1593		
1579	1586		
1572	1579		
1565	1572		
1558	1565		
1551	1558		
1544	1551		
1537	1544		
1530	1537		
1523	1530		
1516	1523		
1509	1516		
1502	1509		
1495	1502		
1488	1495		
1481	1488		
1474	1481		
1467	1474		
1460	1467		
1453	1460		
1446	1453		
1439	1446		
1432	1439		
1425	1432		
1418	1425		
1411	1418		
1404	1411		
1397	1404		
1390	1397		
1383	1390		
1376	1383		
1369	1376		
1362	1369		
1355	1362		
1348	1355		
1341	1348		
1334	1341		
1327	1334		
1320	1327		
1313	1320		
1306	1313		
1299	1306		

U.S. GEOLOGICAL SURVEY
Geological Survey
Washington, D.C.
1900

LOG OF OIL OR GAS WELL



Company, S. C. Yungling
Location or Name, Vaughan A-12
Field, 1st
County, Las Cruces
State, New Mexico
Address, Hobbs, New Mexico
Elevation, 3350
Date of Drilling, July 13, 1936
Finished Drilling, July 10, 1936
Title, Dist. Supt.
Signature, J. Johnston

The summary on this page is for the condition of the well at above date.
Commenced drilling, May 13, 1936
Finished drilling, July 10, 1936
OIL OR GAS SANDS OR ZONES
(Devote space to (b))
No. 1, from 3500 to 3600
No. 2, from 3600 to 3700
No. 3, from 3700 to 3800
IMPORTANT WATER SANDS
No. 1, from 3800 to 3900
No. 2, from 3900 to 4000

CASING RECORD

Casing size	Weight per foot	Length	Through hole	Make	Amount	Kind of shoe	Cut and galled from	Perforated	Purpose
10 3/4"	10.50	8	SH IW	255	TP				

MUDGING AND CEMENTING RECORD

Cement size	Weight per foot	Length	Through hole	Make	Amount	Kind of shoe	Cut and galled from	Perforated	Purpose
10 3/4"	10.50	8	SH IW	255	TP				

FORMATION RECORD

Formation	Depth	Remarks
Andersite	3010	
Silt and sandstone	3020	
Silt and sandstone	3030	
Silt and sandstone	3040	
Silt and sandstone	3050	
Silt and sandstone	3060	
Silt and sandstone	3070	
Silt and sandstone	3080	
Silt and sandstone	3090	
Silt and sandstone	3100	
Silt and sandstone	3110	
Silt and sandstone	3120	
Silt and sandstone	3130	
Silt and sandstone	3140	
Silt and sandstone	3150	
Silt and sandstone	3160	
Silt and sandstone	3170	
Silt and sandstone	3180	
Silt and sandstone	3190	
Silt and sandstone	3200	
Silt and sandstone	3210	
Silt and sandstone	3220	
Silt and sandstone	3230	
Silt and sandstone	3240	
Silt and sandstone	3250	
Silt and sandstone	3260	
Silt and sandstone	3270	
Silt and sandstone	3280	
Silt and sandstone	3290	
Silt and sandstone	3300	
Silt and sandstone	3310	
Silt and sandstone	3320	
Silt and sandstone	3330	
Silt and sandstone	3340	
Silt and sandstone	3350	
Silt and sandstone	3360	
Silt and sandstone	3370	
Silt and sandstone	3380	
Silt and sandstone	3390	
Silt and sandstone	3400	
Silt and sandstone	3410	
Silt and sandstone	3420	
Silt and sandstone	3430	
Silt and sandstone	3440	
Silt and sandstone	3450	
Silt and sandstone	3460	
Silt and sandstone	3470	
Silt and sandstone	3480	
Silt and sandstone	3490	
Silt and sandstone	3500	
Silt and sandstone	3510	
Silt and sandstone	3520	
Silt and sandstone	3530	
Silt and sandstone	3540	
Silt and sandstone	3550	
Silt and sandstone	3560	
Silt and sandstone	3570	
Silt and sandstone	3580	
Silt and sandstone	3590	
Silt and sandstone	3600	
Silt and sandstone	3610	
Silt and sandstone	3620	
Silt and sandstone	3630	
Silt and sandstone	3640	
Silt and sandstone	3650	
Silt and sandstone	3660	
Silt and sandstone	3670	
Silt and sandstone	3680	
Silt and sandstone	3690	
Silt and sandstone	3700	
Silt and sandstone	3710	
Silt and sandstone	3720	
Silt and sandstone	3730	
Silt and sandstone	3740	
Silt and sandstone	3750	
Silt and sandstone	3760	
Silt and sandstone	3770	
Silt and sandstone	3780	
Silt and sandstone	3790	
Silt and sandstone	3800	
Silt and sandstone	3810	
Silt and sandstone	3820	
Silt and sandstone	3830	
Silt and sandstone	3840	
Silt and sandstone	3850	
Silt and sandstone	3860	
Silt and sandstone	3870	
Silt and sandstone	3880	
Silt and sandstone	3890	
Silt and sandstone	3900	
Silt and sandstone	3910	
Silt and sandstone	3920	
Silt and sandstone	3930	
Silt and sandstone	3940	
Silt and sandstone	3950	
Silt and sandstone	3960	
Silt and sandstone	3970	
Silt and sandstone	3980	
Silt and sandstone	3990	
Silt and sandstone	4000	