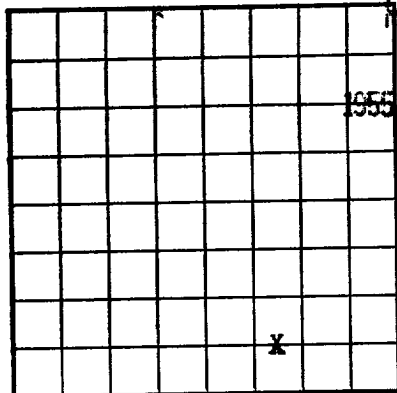


Form 9-380

U.S. LAND OFFICE Las Cruces
SERIAL NUMBER 048741
LEASE OR PERMIT TO PROSPECT



NOBBS OFFICE OCC

1955 FEB 25 PM 1:15

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Humble Oil & Refining Company Address Houston, Texas
Lessor or Tract Federal Fopeano Field Junice State New Mexico
Well No. 5 Sec. 26 T. 20S R. 36E Meridian NMPM County Lea
Location 660 ft. [N.] of S Line and 1650 ft. [E.] of E Line of Section 26 Elevation 3571
(Derriak 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 [Signature] Title District Superintendent

Date October 14, 1954

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

Commenced drilling April 23, 1938 Finished drilling May 7, 1938

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3730 to 3774 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	8	SS	16314	Same Pattern				
7-5/8	28	8	SS	16314	Halliburton guide shoe & float collar				
5-1/2	17	10	SS	37204	Halliburton guide shoe & float collar				
TUBING									
2"	4.7	10	USE	3826					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	176'4"	100	Halliburton	9.0	25 tons used in well
7-5/8	1314'	400	"	9.5	
5-1/2	3727'	150	"	10.0	

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material None Size _____

ACID TREATING ~~SHOOTING~~ RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	Halliburton Acid		1000 gal	5-9-38	3725-3855	
	Halliburton Acid		1500 gal	5-11-38	3725-3855	
	Halliburton Acid		2000 gal	5-12-38	3725-3855	

TOOLS USED

Rotary tools were used from 0 feet to 3855 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 23, 1954 Put to producing June 1, 1938
The production for the first 24 hours was 21 barrels of fluid of which 95 % was oil; _____ %
emulsion; _____ % water; and 5 % sediment. Gravity, °Bé. 33.8 at 60°
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. Tubing pressure - 20#, casing pressure - 175#.

EMPLOYEES

Sid Sprouse, Driller _____, Driller
C. H. Lambert, Driller H. R. Vanga, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	177	177	Red rock & red bed
177	767	590	Red bed & shells
767	1155	388	Red bed & red rock
1155	1280	125	Red rock
1280	1485	205	Anhydrite
1485	2750	1265	Salt & anhydrite
2750	2919	169	Anhydrite
2919	2994	75	Anhydrite & lime
2994	3010	16	Anhydrite
3010	3612	602	Line, S.
3612	3650	38	Gray line
3650	3717	67	Broken brown lime <u>Top of Queen at 3690'.</u>
3717	3825	108	Lime
3825	3842	17	Gray lime
3842	3855	13	Lime
3855	3855	0	

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

DATE AND CORRECTLY

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

Location of well { N. of line and 1/4 Sec. 36 }
 Well No. 1 Sec. 36 T. 20S. R. 20E. Meridian 4th
 County _____ State _____
 District _____
 Address _____
 Location of well _____

Completed drilling _____, 1938. Finished drilling _____, 1938. The summary on this page is for the condition of the well at above date.

Date _____, 1938.

 District Engineer

Signed _____
 District Engineer

ON OR GAS SANDS OR ZONES

(1) and (2) are not

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

IMPORTANT WATER SANDS

to No. 4, from No. 3, from

COVERING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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, 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

[illegible]

RECORDS DIVISION AND CEMENTING DIVISION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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UNITED STATES DEPARTMENT OF AGRICULTURE

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SECRET

[illegible]

TOOLS USED

... ..			
... ..			

EL FADI

[illegible]

EMPLOYERS

1. HRC	1. HRC
2. HRC	2. HRC

FORMATION RECORD

This log submitted in compliance with Order R-520 of the New Mexico Oil Conservation

TIME	GRAY TIME	TIME	3571	ELEVATION TOP OF BRICK FLOOR	TIME	3572	ELEVATION TOP OF OIL STRING HEAD:	TIME	3573	TIME	3574	TIME	3575	TIME	3576	TIME	3577	TIME	3578	TIME	3579	TIME	3580	TIME	3581	TIME	3582	TIME	3583	TIME	3584	TIME	3585	TIME	3586	TIME	3587	TIME	3588	TIME	3589	TIME	3590	TIME	3591	TIME	3592	TIME	3593	TIME	3594	TIME	3595	TIME	3596	TIME	3597	TIME	3598	TIME	3599	TIME	3600	TIME	3601	TIME	3602	TIME	3603	TIME	3604	TIME	3605	TIME	3606	TIME	3607	TIME	3608	TIME	3609	TIME	3610	TIME	3611	TIME	3612	TIME	3613	TIME	3614	TIME	3615	TIME	3616	TIME	3617	TIME	3618	TIME	3619	TIME	3620	TIME	3621	TIME	3622	TIME	3623	TIME	3624	TIME	3625	TIME	3626	TIME	3627	TIME	3628	TIME	3629	TIME	3630	TIME	3631	TIME	3632	TIME	3633	TIME	3634	TIME	3635	TIME	3636	TIME	3637	TIME	3638	TIME	3639	TIME	3640	TIME	3641	TIME	3642	TIME	3643	TIME	3644	TIME	3645	TIME	3646	TIME	3647	TIME	3648	TIME	3649	TIME	3650	TIME	3651	TIME	3652	TIME	3653	TIME	3654	TIME	3655	TIME	3656	TIME	3657	TIME	3658	TIME	3659	TIME	3660	TIME	3661	TIME	3662	TIME	3663	TIME	3664	TIME	3665	TIME	3666	TIME	3667	TIME	3668	TIME	3669	TIME	3670	TIME	3671	TIME	3672	TIME	3673	TIME	3674	TIME	3675	TIME	3676	TIME	3677	TIME	3678	TIME	3679	TIME	3680	TIME	3681	TIME	3682	TIME	3683	TIME	3684	TIME	3685	TIME	3686	TIME	3687	TIME	3688	TIME	3689	TIME	3690	TIME	3691	TIME	3692	TIME	3693	TIME	3694	TIME	3695	TIME	3696	TIME	3697	TIME	3698	TIME	3699	TIME	3700	TIME	3701	TIME	3702	TIME	3703	TIME	3704	TIME	3705	TIME	3706	TIME	3707	TIME	3708	TIME	3709	TIME	3710	TIME	3711	TIME	3712	TIME	3713	TIME	3714	TIME	3715	TIME	3716	TIME	3717	TIME	3718	TIME	3719	TIME	3720	TIME	3721	TIME	3722	TIME	3723	TIME	3724	TIME	3725	TIME	3726	TIME	3727	TIME	3728	TIME	3729	TIME	3730	TIME	3731	TIME	3732	TIME	3733	TIME	3734	TIME	3735	TIME	3736	TIME	3737	TIME	3738	TIME	3739	TIME	3740	TIME	3741	TIME	3742	TIME	3743	TIME	3744	TIME	3745	TIME	3746	TIME	3747	TIME	3748	TIME	3749	TIME	3750	TIME	3751	TIME	3752	TIME	3753	TIME	3754	TIME	3755	TIME	3756	TIME	3757	TIME	3758	TIME	3759	TIME	3760	TIME	3761	TIME	3762	TIME	3763	TIME	3764	TIME	3765	TIME	3766	TIME	3767	TIME	3768	TIME	3769	TIME	3770	TIME	3771	TIME	3772	TIME	3773	TIME	3774	TIME	3775	TIME	3776	TIME	3777	TIME	3778	TIME	3779	TIME	3780	TIME	3781	TIME	3782	TIME	3783	TIME	3784	TIME	3785	TIME	3786	TIME	3787	TIME	3788	TIME	3789	TIME	3790	TIME	3791	TIME	3792	TIME	3793	TIME	3794	TIME	3795	TIME	3796	TIME	3797	TIME	3798	TIME	3799	TIME	3800	TIME	3801	TIME	3802	TIME	3803	TIME	3804	TIME	3805	TIME	3806	TIME	3807	TIME	380
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DRILLED BY McQUEEN & CLEVELAND, CONTRACTORS

FORMATION

TOTAL FEET

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FROM—