

COPY

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Stanolind Oil and Gas Company Address Philcade Bldg., Tulsa, Oklahoma
Lessor or Tract P. J. Langlie Field Langlie State New Mexico
Well No. B-3 Sec. 14 T. 25S R. 37E Meridian N. M. P. M. County Lea
Location 660 ft. [N.] of S. Line and 660 ft. [E.] of W. Line of Section 14 Elevation 3095
(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 s/T. A. KeeferDate September 9, 1937Title Field Superintendent

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

Commenced drilling July 30, 1937 Finished drilling August 29, 1937

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3086 to 3208 G 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—	
8-5/8	28#	8	Rep.	1247'	Larkin				
5-1/2	17#	8	Rep.	2957'	Larkin				
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1262	400	Halliburton	10# Mud	Circulated ahead of Cement
5-1/2	2971	460	Halliburton	12# Mud	Circulated ahead of Cement

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 0 feet to 3375 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 30, 1937 Put to producing Shut In, 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 14,250,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1375

EMPLOYEES

A. L. Wilson, Driller Louis Theoux, Driller
Jim Arnick-Ernest Edwards, Driller W. P. Coats, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	36	36	Caliche and Hard Clay
36	248	208	Caliche Red Bed and Shells
248	880	632	Red Beds
880	965	85	Red Beds, Lime Shells and Sand
965	1033	68	Red Beds, and Lime Shells
1033	1170	37	Anhydrite and Red Beds
1170	1275	105	Anhydrite and Salt-Set 8-5/8"-1262'
1275	1296	26	Anhydrite
1296	1474	178	Anhydrite, salt and shells
1474	1700	326	Salt
1700	1992	192	Anhydrite and Salt
1992	2100	112	Salt
2100	2193	93	Anhydrite and Salt
2193	2245	52	Salt
2245	2325	80	Anhydrite and Salt
2325	2400	75	Anhydrite
2400	2444	44	Anhydrite and Lime
2444	2540	96	Brown Lime and Anhydrite
2540	2594	54	Brown Lime
2594	2628	34	Anhydrite and Lime
2628	2695	67	Grey Lime and Anhydrite
2695	2779	84	Lime
2779	2810	31	Lime and Sand
2810	2841	31	Anhydrite and Lime
2841	2845	4	Grey Lime

ELEVATION

TO—

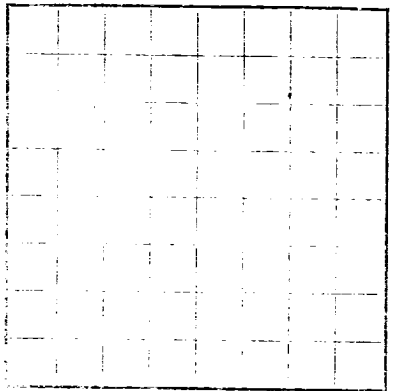
TOTAL FEET

(OVER)

FORMATION

16-43004-2

FORMATION RECORD—CONTINUED



LOCATE WELL CORRECTLY

COPY

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR

UNITED STATES

Company, Standard Oil and Gas Company, Address, Phillips, Texas, Oklahoma
Lessor or Trust, F. J. Langille
Well No. B-3
Location, 17.1 miles N. of Phillips, Oklahoma
The information given hereon is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed, A. A. Kasper
Date Sept. 20, 1937
Title, Field Superintendent

The summary on this page is for the condition of the well at above date.
Commenced drilling, August 22, 1937

OIL OR GAS SANDS OR ROCKS

No. 1, from 3286 to 3291
No. 2, from 3291 to 3296
No. 3, from 3296 to 3301

IMPORTANT WATER SAMPLES

No. 1, from 3291 to 3296
No. 2, from 3296 to 3301

CASING 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 its 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, 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.
10-43004-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
3284	3285	1	Brown and Gray Lime
3285	3286	1	Time and Anhydrite
3286	3287	1	Time and Anhydrite
3287	3288	1	Sandy Lime - Show Gas
3288	3289	1	Time and Lime
3289	3290	1	Sandy Lime
3290	3291	1	Time and Lime
3291	3292	1	Time and Lime
3292	3293	1	Time and Lime
3293	3294	1	Time and Lime
3294	3295	1	Time and Lime
3295	3296	1	Time and Lime
3296	3297	1	Time and Lime
3297	3298	1	Time and Lime
3298	3299	1	Time and Lime
3299	3300	1	Time and Lime
3300	3301	1	Time and Lime
3301	3302	1	Time and Lime
3302	3303	1	Time and Lime
3303	3304	1	Time and Lime
3304	3305	1	Time and Lime
3305	3306	1	Time and Lime
3306	3307	1	Time and Lime
3307	3308	1	Time and Lime
3308	3309	1	Time and Lime
3309	3310	1	Time and Lime
3310	3311	1	Time and Lime
3311	3312	1	Time and Lime
3312	3313	1	Time and Lime
3313	3314	1	Time and Lime
3314	3315	1	Time and Lime
3315	3316	1	Time and Lime
3316	3317	1	Time and Lime
3317	3318	1	Time and Lime
3318	3319	1	Time and Lime
3319	3320	1	Time and Lime
3320	3321	1	Time and Lime
3321	3322	1	Time and Lime
3322	3323	1	Time and Lime
3323	3324	1	Time and Lime
3324	3325	1	Time and Lime
3325	3326	1	Time and Lime
3326	3327	1	Time and Lime
3327	3328	1	Time and Lime
3328	3329	1	Time and Lime
3329	3330	1	Time and Lime
3330	3331	1	Time and Lime
3331	3332	1	Time and Lime
3332	3333	1	Time and Lime
3333	3334	1	Time and Lime
3334	3335	1	Time and Lime
3335	3336	1	Time and Lime
3336	3337	1	Time and Lime
3337	3338	1	Time and Lime
3338	3339	1	Time and Lime
3339	3340	1	Time and Lime
3340	3341	1	Time and Lime
3341	3342	1	Time and Lime
3342	3343	1	Time and Lime
3343	3344	1	Time and Lime
3344	3345	1	Time and Lime
3345	3346	1	Time and Lime
3346	3347	1	Time and Lime
3347	3348	1	Time and Lime
3348	3349	1	Time and Lime
3349	3350	1	Time and Lime
3350	3351	1	Time and Lime
3351	3352	1	Time and Lime
3352	3353	1	Time and Lime
3353	3354	1	Time and Lime
3354	3355	1	Time and Lime
3355	3356	1	Time and Lime
3356	3357	1	Time and Lime
3357	3358	1	Time and Lime
3358	3359	1	Time and Lime
3359	3360	1	Time and Lime
3360	3361	1	Time and Lime
3361	3362	1	Time and Lime
3362	3363	1	Time and Lime
3363	3364	1	Time and Lime
3364	3365	1	Time and Lime
3365	3366	1	Time and Lime
3366	3367	1	Time and Lime
3367	3368	1	Time and Lime
3368	3369	1	Time and Lime
3369	3370	1	Time and Lime
3370	3371	1	Time and Lime
3371	3372	1	Time and Lime
3372	3373	1	Time and Lime
3373	3374	1	Time and Lime
3374	3375	1	Time and Lime
3375	3376	1	Time and Lime
3376	3377	1	Time and Lime
3377	3378	1	Time and Lime
3378	3379	1	Time and Lime
3379	3380	1	Time and Lime
3380	3381	1	Time and Lime
3381	3382	1	Time and Lime
3382	3383	1	Time and Lime
3383	3384	1	Time and Lime
3384	3385	1	Time and Lime
3385	3386	1	Time and Lime
3386	3387	1	Time and Lime
3387	3388	1	Time and Lime
3388	3389	1	Time and Lime
3389	3390	1	Time and Lime
3390	3391	1	Time and Lime
3391	3392	1	Time and Lime
3392	3393	1	Time and Lime
3393	3394	1	Time and Lime
3394	3395	1	Time and Lime
3395	3396	1	Time and Lime
3396	3397	1	Time and Lime
3397	3398	1	Time and Lime
3398	3399	1	Time and Lime
3399	3400	1	Time and Lime
3400	3401	1	Time and Lime
3401	3402	1	Time and Lime
3402	3403	1	Time and Lime
3403	3404	1	Time and Lime
3404	3405	1	Time and Lime
3405	3406	1	Time and Lime
3406	3407	1	Time and Lime
3407	3408	1	Time and Lime
3408	3409	1	Time and Lime
3409	3410	1	Time and Lime
3410	3411	1	Time and Lime
3411	3412	1	Time and Lime
3412	3413	1	Time and Lime
3413	3414	1	Time and Lime
3414	3415	1	Time and Lime
3415	3416	1	Time and Lime
3416	3417	1	Time and Lime
3417	3418	1	Time and Lime
3418	3419	1	Time and Lime
3419	3420	1	Time and Lime
3420	3421	1	Time and Lime
3421	3422	1	Time and Lime
3422	3423	1	Time and Lime
3423	3424	1	Time and Lime
3424	3425	1	Time and Lime
3425	3426	1	Time and Lime
3426	3427	1	Time and Lime
3427	3428	1	Time and Lime
3428	3429	1	Time and Lime
3429	3430	1	Time and Lime
3430	3431	1	Time and Lime
3431	3432	1	Time and Lime
3432	3433	1	Time and Lime
3433	3434	1	Time and Lime
3434	3435	1	Time and Lime
3435	3436	1	Time and Lime
3436	3437	1	Time and Lime
3437	3438	1	Time and Lime
3438	3439	1	Time and Lime
3439	3440	1	Time and Lime
3440	3441	1	Time and Lime
3441	3442	1	Time and Lime
3442	3443	1	Time and Lime
3443	3444	1	Time and Lime
3444	3445	1	Time and Lime
3445	3446	1	Time and Lime
3446	3447	1	Time and Lime
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3448	3449	1	Time and Lime
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3450	3451	1	Time and Lime
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3452	3453	1	Time and Lime
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3455	3456	1	Time and Lime
3456	3457	1	Time and Lime
3457	3458	1	Time and Lime
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3459	3460	1	Time and Lime
3460	3461	1	Time and Lime
3461	3462	1	Time and Lime
3462	3463	1	Time and Lime
3463	3464	1	Time and Lime
3464	3465	1	Time and Lime
3465	3466	1	Time and Lime
3466	3467	1	Time and Lime
3467	3468	1	Time and Lime
3468	3469	1	Time and Lime
3469	3470	1	Time and Lime
3470	3471	1	Time and Lime
3471	3472	1	Time and Lime
3472	3473	1	Time and Lime
3473	3474	1	Time and Lime
3474	3475	1	Time and Lime
3475	3476	1	Time and Lime
3476	3477	1	Time and Lime
3477	3478	1	Time and Lime
3478	3479	1	Time and Lime
3479	3480	1	Time and Lime
3480	3481	1	Time and Lime
3481	3482	1	Time and Lime
3482	3483	1	Time and Lime
3483	3484	1	Time and Lime
3484	3485	1	Time and Lime
3485	3486	1	Time and Lime
3486	3487	1	Time and Lime
3487	3488	1	Time and Lime
3488	3489	1	Time and Lime
3489	3490	1	Time and Lime
3490	3491	1	Time and Lime
3491	3492	1	Time and Lime
3492	3493	1	Time and Lime
3493	3494	1	Time and Lime
3494	3495	1	Time and Lime
3495	3496	1	Time and Lime
3496	3497	1	Time and Lime
3497	3498	1	Time and Lime
3498	3499	1	Time and Lime
3499	3500	1	Time and Lime
3500	3501	1	Time and Lime
3501	3502	1	Time and Lime
3502	3503	1	Time and Lime
3503	3504	1	Time and Lime
3504	3505	1	Time and Lime
3505	3506	1	Time and Lime
3506	3507	1	Time and Lime
3507	3508	1	Time and Lime
3508	3509	1	Time and Lime
3509	3510	1	Time and Lime
3510	3511	1	Time and Lime
3511	3512	1	Time and Lime
3512	3513	1	Time and Lime
3513	3514	1	Time and Lime
3514	3515	1	Time and Lime
3515	3516	1	Time and Lime
3516	3517	1	Time and Lime
3517	3518	1	Time and Lime
3518	3519	1	Time and Lime
3519	3520	1	Time and Lime
3520	3521	1	Time and Lime
3521	3522	1	Time and Lime
3522	3523	1	Time and Lime
3523	3524	1	Time and Lime
3524	3525	1	Time and Lime
3525	3526	1	Time and Lime
3526	3527	1	Time and Lime
3527	3528	1	Time and Lime
3528	3529	1	Time and Lime
3529	3530	1	Time and Lime
3530	3531	1	Time and Lime
3531	3532	1	Time and Lime
3532	3533	1	Time and Lime
3533	3534	1	Time and Lime
3534	3535	1	Time and Lime
3535	3536	1	Time and Lime
3536	3537	1	Time and Lime
3537	3538	1	Time and Lime
3538	3539	1	Time and Lime
3539	3540	1	Time and Lime
3540	3541	1	Time and Lime
3541	3542	1	Time and Lime
3542	3543	1	Time and Lime
3543	3544	1	Time and Lime
3544	3545	1	Time and Lime
3545	3546	1	Time and Lime
3546	3547	1	Time and Lime
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3548	3549	1	Time and Lime
3549	3550	1	Time and Lime
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3552	3553	1	Time and Lime
3553	3554	1	Time and Lime
3554	3555	1	Time and Lime
3555	3556	1	Time and Lime
3556	3557	1	Time and Lime
3557	3558	1	Time and Lime
3558	3559	1	Time and Lime
3559	3560	1	Time and Lime
3560	3561	1	Time and Lime
3561	3562	1	Time and Lime
3562	3563	1	Time and Lime
3563	3564	1	Time and Lime
3564	3565	1	Time and Lime
3565	3566	1	Time and Lime
3566	3567	1	Time and Lime
3567	3568	1	Time and Lime
3568	3569	1	Time and Lime
3569	3570	1	Time and Lime
3570	3571	1	Time and Lime
3571	3572	1	Time and Lime
3572	3573	1	