

Form 9-330

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **NM 013492**LEASE OR PERMIT TO PROSPECT
A. L. DuffUNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED

JUL 15 1958

U. S. GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **SKELLY OIL COMPANY** Address **Box 426, Farmington, New Mexico**
Lessor or Tract **A. L. Duff** Field **Bisti** State **New Mexico**
Well No. **11** Sec. **19** T. **26N** R. **13W** Meridian **NMPM** County **San Juan**
Location **1980** ft. **N** of **S.** Line and **1980** ft. **E.** of **E.** Line of **Section 19** Elevation **6536'**
(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 **F. E. Cosper**Date **July 14, 1958**Title **District Superintendent**

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

Commenced drilling **June 3, 1958** Finished drilling **June 15, 1958**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5320** to **5328** 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 **None** to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

OD	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	8rd	H-40	250	Cement Guide				
	5-1/2"	18	8rd	J-55	300	Guide & Plug		5320	5328	Production

MUDDING AND CEMENTING RECORD

OD	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
	10-3/4"	222'	250	Halliburton		
	5-1/2"	5406'	200	Halliburton		

Temperature Survey indicated top of cement behind 5 1/2" casing at 4660'.

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

Well was Sand-Oil Fraced

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Pumped down 5 1/2" casing thru perfs. 5320-28' w/ 20,000' sand & 20,000 gals. lse oil.						
BDP 2500%, Max. TP 2100%, Min. TP 1900%, Inj. rate 41 BPM.						

TOOLS USED

Rotary tools were used from **0** feet to **5411** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 14, 1958 Put to producing **July 10, 1958**
The production for the first 24 hours was **126** barrels of fluid of which **99.8** % was oil; **.2** % 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

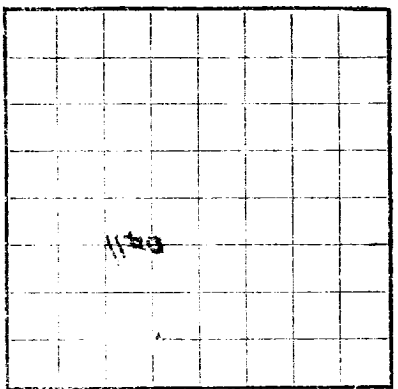
Schafer Drilling Company, Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1687	1687	Sand & Shale
1687	1780	93	Sand & Shale - Top Pictured Cliffs 1687'
1780	3150	1370	Sand & Shale - Top Lewis 1780'
3150	4115	965	Sand & Shale - Top Mesaverde 3150'
4115	4297	182	Sand & Shale - Top Point Lookout 4115'
4297	5316	1019	Sand & Shale - Top Mancos 4297'
5316	5411	95	Sand & Shale - Top Gallup "J" 5316'
TOTAL DEPTH		5411'	Tops by Schlumberger Electric Log.
PLUGGED BACK TOTAL DEPTH		5379'	

[OVER]

AT THE END OF COMPLETE DRILLERS LOG, ADD GEOLOGIC TOPS, STATE WHETHER FROM EL OR SAMPLES.



LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES

Approved for Release
Authority: 100-43064-2
Date: 10-10-1958
By: [Signature]
Special Agent in Charge
Federal Bureau of Investigation
U. S. Department of Justice

Company: _____
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: _____
Date: _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____
No. 7, from _____ to _____
No. 8, from _____ to _____
No. 9, from _____ to _____
No. 10, from _____ to _____

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 holes, or plugs or bridges were put in the well, state size and location. If any cement was used, state its position, size, and results of pumping, and location.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE: 1954-43064-2

MUDDING AND CEMENTING RECORD

Size of casing: _____
Weight per foot: _____
Number of cement: _____
Method used: _____
Mud gravity: _____
Amount of mud used: _____

SHOOTING RECORD

Size of shell used: _____
Explosive used: _____
Quantity: _____
Date: _____
Depth of shot: _____
Depth cleaned out: _____

TOOLS USED

Rotary tools were used from _____ feet to _____ feet and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet and from _____ feet to _____ feet.

DATES

Put to production: _____
The production for the first 24 hours was _____ barrels of fluid of which _____ was oil.
If gas well, cut ft. per 24 hours: _____
Rock pressure, lbs. per sq. in.: _____
Emulsion: _____% water; and _____% sediment.

EMPLOYEES

Driller: _____
Driller: _____

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
2310	2315	5	Top of formation - 2310
2315	2320	5	Sand & shale - top of zone 2315
2320	2325	5	Sand & shale - top of zone 2320
2325	2330	5	Sand & shale - top of zone 2325
2330	2335	5	Sand & shale - top of zone 2330
2335	2340	5	Sand & shale - top of zone 2335
2340	2345	5	Sand & shale - top of zone 2340
2345	2350	5	Sand & shale - top of zone 2345
2350	2355	5	Sand & shale - top of zone 2350
2355	2360	5	Sand & shale - top of zone 2355
2360	2365	5	Sand & shale - top of zone 2360
2365	2370	5	Sand & shale - top of zone 2365
2370	2375	5	Sand & shale - top of zone 2370
2375	2380	5	Sand & shale - top of zone 2375
2380	2385	5	Sand & shale - top of zone 2380
2385	2390	5	Sand & shale - top of zone 2385
2390	2395	5	Sand & shale - top of zone 2390
2395	2400	5	Sand & shale - top of zone 2395
2400	2405	5	Sand & shale - top of zone 2400
2405	2410	5	Sand & shale - top of zone 2405
2410	2415	5	Sand & shale - top of zone 2410
2415	2420	5	Sand & shale - top of zone 2415
2420	2425	5	Sand & shale - top of zone 2420
2425	2430	5	Sand & shale - top of zone 2425
2430	2435	5	Sand & shale - top of zone 2430
2435	2440	5	Sand & shale - top of zone 2435
2440	2445	5	Sand & shale - top of zone 2440
2445	2450	5	Sand & shale - top of zone 2445
2450	2455	5	Sand & shale - top of zone 2450
2455	2460	5	Sand & shale - top of zone 2455
2460	2465	5	Sand & shale - top of zone 2460
2465	2470	5	Sand & shale - top of zone 2465
2470	2475	5	Sand & shale - top of zone 2470
2475	2480	5	Sand & shale - top of zone 2475
2480	2485	5	Sand & shale - top of zone 2480
2485	2490	5	Sand & shale - top of zone 2485
2490	2495	5	Sand & shale - top of zone 2490
2495	2500	5	Sand & shale - top of zone 2495
2500	2505	5	Sand & shale - top of zone 2500
2505	2510	5	Sand & shale - top of zone 2505
2510	2515	5	Sand & shale - top of zone 2510
2515	2520	5	Sand & shale - top of zone 2515
2520	2525	5	Sand & shale - top of zone 2520
2525	2530	5	Sand & shale - top of zone 2525
2530	2535	5	Sand & shale - top of zone 2530
2535	2540	5	Sand & shale - top of zone 2535
2540	2545	5	Sand & shale - top of zone 2540
2545	2550	5	Sand & shale - top of zone 2545
2550	2555	5	Sand & shale - top of zone 2550
2555	2560	5	Sand & shale - top of zone 2555
2560	2565	5	Sand & shale - top of zone 2560
2565	2570	5	Sand & shale - top of zone 2565
2570	2575	5	Sand & shale - top of zone 2570
2575	2580	5	Sand & shale - top of zone 2575
2580	2585	5	Sand & shale - top of zone 2580
2585	2590	5	Sand & shale - top of zone 2585
2590	2595	5	Sand & shale - top of zone 2590
2595	2600	5	Sand & shale - top of zone 2595
2600	2605	5	Sand & shale - top of zone 2600
2605	2610	5	Sand & shale - top of zone 2605
2610	2615	5	Sand & shale - top of zone 2610
2615	2620	5	Sand & shale - top of zone 2615
2620	2625	5	Sand & shale - top of zone 2620
2625	2630	5	Sand & shale - top of zone 2625
2630	2635	5	Sand & shale - top of zone 2630
2635	2640	5	Sand & shale - top of zone 2635
2640	2645	5	Sand & shale - top of zone 2640
2645	2650	5	Sand & shale - top of zone 2645
2650	2655	5	Sand & shale - top of zone 2650
2655	2660	5	Sand & shale - top of zone 2655
2660	2665	5	Sand & shale - top of zone 2660
2665	2670	5	Sand & shale - top of zone 2665
2670	2675	5	Sand & shale - top of zone 2670
2675	2680	5	Sand & shale - top of zone 2675
2680	2685	5	Sand & shale - top of zone 2680
2685	2690	5	Sand & shale - top of zone 2685
2690	2695	5	Sand & shale - top of zone 2690
2695	2700	5	Sand & shale - top of zone 2695
2700	2705	5	Sand & shale - top of zone 2700
2705	2710	5	Sand & shale - top of zone 2705
2710	2715	5	Sand & shale - top of zone 2710
2715	2720	5	Sand & shale - top of zone 2715
2720	2725	5	Sand & shale - top of zone 2720
2725	2730	5	Sand & shale - top of zone 2725
2730	2735	5	Sand & shale - top of zone 2730
2735	2740	5	Sand & shale - top of zone 2735
2740	2745	5	Sand & shale - top of zone 2740
2745	2750	5	Sand & shale - top of zone 2745
2750	2755	5	Sand & shale - top of zone 2750
2755	2760	5	Sand & shale - top of zone 2755
2760	2765	5	Sand & shale - top of zone 2760
2765	2770	5	Sand & shale - top of zone 2765
2770	2775	5	Sand & shale - top of zone 2770
2775	2780	5	Sand & shale - top of zone 2775
2780	2785	5	Sand & shale - top of zone 2780
2785	2790	5	Sand & shale - top of zone 2785
2790	2795	5	Sand & shale - top of zone 2790
2795	2800	5	Sand & shale - top of zone 2795
2800	2805	5	Sand & shale - top of zone 2800
2805	2810	5	Sand & shale - top of zone 2805
2810	2815	5	Sand & shale - top of zone 2810
2815	2820	5	Sand & shale - top of zone 2815
2820	2825	5	Sand & shale - top of zone 2820
2825	2830	5	Sand & shale - top of zone 2825
2830	2835	5	Sand & shale - top of zone 2830
2835	2840	5	Sand & shale - top of zone 2835
2840	2845	5	Sand & shale - top of zone 2840
2845	2850	5	Sand & shale - top of zone 2845
2850	2855	5	Sand & shale - top of zone 2850
2855	2860	5	Sand & shale - top of zone 2855
2860	2865	5	Sand & shale - top of zone 2860
2865	2870	5	Sand & shale - top of zone 2865
2870	2875	5	Sand & shale - top of zone 2870
2875	2880	5	Sand & shale - top of zone 2875
2880	2885	5	Sand & shale - top of zone 2880
2885	2890	5	Sand & shale - top of zone 2885
2890	2895	5	Sand & shale - top of zone 2890
2895	2900	5	Sand & shale - top of zone 2895
2900	2905	5	Sand & shale - top of zone 2900
2905	2910	5	Sand & shale - top of zone 2905
2910	2915	5	Sand & shale - top of zone 2910
2915	2920	5	Sand & shale - top of zone 2915
2920	2925	5	Sand & shale - top of zone 2920
2925	2930	5	Sand & shale - top of zone 2925
2930	2935	5	Sand & shale - top of zone 2930
2935	2940	5	Sand & shale - top of zone 2935
2940	2945	5	Sand & shale - top of zone 2940
2945	2950	5	Sand & shale - top of zone 2945
2950	2955	5	Sand & shale - top of zone 2950
2955	2960	5	Sand & shale - top of zone 2955
2960	2965	5	Sand & shale - top of zone 2960
2965	2970	5	Sand & shale - top of zone 2965
2970	2975	5	Sand & shale - top of zone 2970
2975	2980	5	Sand & shale - top of zone 2975
2980	2985	5	Sand & shale - top of zone 2980
2985	2990	5	Sand & shale - top of zone 2985
2990	2995	5	Sand & shale - top of zone 2990
2995	3000	5	Sand & shale - top of zone 2995
3000	3005	5	Sand & shale - top of zone 3000
3005	3010	5	Sand & shale - top of zone 3005
3010	3015	5	Sand & shale - top of zone 3010
3015	3020	5	Sand & shale - top of zone 3015
3020	3025	5	Sand & shale - top of zone 3020
3025	3030	5	Sand & shale - top of zone 3025
3030	3035	5	Sand & shale - top of zone 3030
3035	3040	5	Sand & shale - top of zone 3035
3040	3045	5	Sand & shale - top of zone 3040
3045	3050	5	Sand & shale - top of zone 3045
3050	3055	5	Sand & shale - top of zone 3050
3055	3060	5	Sand & shale - top of zone 3055
3060	3065	5	Sand & shale - top of zone 3060
3065	3070	5	Sand & shale - top of zone 3065
3070	3075	5	Sand & shale - top of zone 3070
3075	3080	5	Sand & shale - top of zone 3075
3080	3085	5	Sand & shale - top of zone 3080
3085	3090	5	Sand & shale - top of zone 3085
3090	3095	5	Sand & shale - top of zone 3090
3095	3100	5	Sand & shale - top of zone 3095
3100	3105	5	Sand & shale - top of zone 3100
3105	3110	5	Sand & shale - top of zone 3105
3110	3115	5	Sand & shale - top of zone 3110
3115	3120	5	Sand & shale - top of zone 3115
3120	3125	5	Sand & shale - top of zone 3120
3125	3130	5	Sand & shale - top of zone 3125
3130	3135	5	Sand & shale - top of zone 3130
3135	3140	5	Sand & shale - top of zone 3135
3140	3145	5	Sand & shale - top of zone 3140
3145	3150	5	Sand & shale - top of zone 3145
3150	3155	5	Sand & shale - top of zone 3150
3155	3160	5	Sand & shale - top of zone 3155
3160	3165	5	Sand & shale - top of zone 3160
3165	3170	5	Sand & shale - top of zone 3165
3170	3175	5	Sand & shale - top of zone 3170
3175	3180	5	Sand & shale - top of zone 3175
3180	3185	5	Sand & shale - top of zone 3180
3185	3190	5	Sand & shale - top of zone 3185
3190	3195	5	Sand & shale - top of zone 3190
3195	3200	5	Sand & shale - top of zone 3195
3200	3205	5	Sand & shale - top of zone 3200
3205	3210	5	Sand & shale - top of zone 3205
3210	3215	5	Sand & shale - top of zone 3210
3215	3220	5	Sand & shale - top of zone 3215
3220	3225	5	Sand & shale - top of zone 3220
3225	3230	5	Sand & shale - top of zone 3225
3230	3235	5	Sand & shale - top of zone 3230
3235	3240	5	Sand & shale - top of zone 3235
3240	3245	5	Sand & shale - top of zone 3240
3245	3250	5	Sand & shale - top of zone 3245
3250	3255	5	Sand & shale - top of zone 3250
3255	3260	5	Sand & shale - top of zone 3255
3260	3265	5	Sand & shale - top of zone 3260
3265	3270	5	Sand & shale - top of zone 3265
3270	3275	5	Sand & shale - top of zone 3270
3275	3280	5	Sand & shale - top of zone 3275
3280	3285	5	Sand & shale - top of zone 3280
3285	3290	5	Sand & shale - top of zone 3285
3290	3295	5	Sand & shale - top of zone 3290
3295	3300	5	Sand & shale - top of zone 3295
3300	3305	5	Sand & shale - top of zone 3300
3305	3310	5	Sand & shale - top of zone 3305
3310	3315	5	Sand & shale - top of zone 3310
3315	3320	5	Sand & shale - top of zone 3315
3320	3325	5	Sand & shale - top of zone 3320
3325	3330	5	Sand & shale - top of zone 3325
3330	3335	5	Sand & shale - top of zone 3330
3335	3340	5	Sand & shale - top of zone 3335
3340	3345	5	Sand & shale - top of zone 3340
3345	3350	5	Sand & shale - top of zone 3345
3350	3355	5	Sand & shale - top of zone 3350
3355	3360	5	Sand & shale - top of zone 3355
3360	3365	5	Sand & shale - top of zone 3360
3365	3370	5	Sand & shale - top of zone 3365
3370	3375	5	Sand & shale - top of zone 3370
3375	3380	5	Sand & shale - top of zone 3375
3380	3385	5	Sand & shale - top of zone 3380
3385	3390	5	Sand & shale - top of zone 3385
3390	3395	5	Sand & shale - top of zone 3390
3395	3400	5	Sand & shale - top of zone 3395
3400	3405	5	Sand & shale - top of zone 3400
3405	3410	5	Sand & shale - top of zone 3405
3410	3415	5	Sand & shale - top of zone 3410
3415	3420	5	Sand & shale - top of zone 3415
3420	3425	5	Sand & shale - top of zone 3420
3425	3430	5	Sand & shale - top of zone 3425
3430	3435	5	Sand & shale - top of zone 3430
3435	3440	5	Sand & shale - top of zone 3435
3440	3445	5	Sand & shale - top of zone 3440
3445	3450	5	Sand & shale - top of zone 3445
3450	3455	5	Sand & shale - top of zone 3450
3455	3460	5	Sand & shale - top of zone 3455
3460			