

SERIAL NUMBER 03990

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

8. GEOLOGICAL SURVEY
SANTA FE, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico

Lessor or Tract Federal Field Civilian P.O. State New Mexico

Well No. 34-C Sec. 34 T. 25 R. 24 Meridian 14-24 County Big Horn

Location 1450 ft. N of 1 Line and 1110 ft. E of 4 Line of Section 34 Elevation 7258

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.

Date June 6, 1961 Title Petroleum Engineer

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

Commenced drilling	19	Finished drilling	19
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OIL OR GAS SANDS OR ZONES

No. 1, from 376 to 389 (8) No. 4, from 390 to 403 (14)

No. 2; from _____ to _____ No. 3; from _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____

No. 2, from _____ to _____ No. 4, from _____ to _____

LEASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	92	50	Circulated		
5 1/2	3454	100	Single Stage		

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 _____ feet to _____ feet, and from _____ feet to _____ feet.

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

DATES

....., 19..... Put to producing 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3088	3088	Tan to gry cr-grn ss interbedded w/gry sh.
3088	3269	181	Ojo Alamo ss. White cr-grn s.
3269	3376	107	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3376	3429	53	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3429	3455	26	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

(OVER)

16-48704-1

1. Get 25 sacks cement plug across perforations 3396-3426.
2. Shot 5 1/2" casing off at 1350' and pulled.
3. Get 25 sacks cement plug on casing shoe.
4. Get 25 sacks cement plug at surface.
5. Get 4" x 4" pipe as permanent marker.

On 5-7-51 test depth 3455'.
This well was plugged and abandoned in the following manner:
12-12-56 squeezed 3392-3426 w/100 sacks. No port. w/ 1/4 SPT 3396-3426. Sand
flow. w/36,000 gal. water and 50,000 sand. MB 9504. I.R. 50 MB.
5-29-56 port. 3392-3426. w/ 1/4 SPT, sealed w/500 gal. mud acid. Sand
flow. w/54,600 gallons water and 40,000 sand. MB 15004. I.R. 57.5 MB.

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 "side-tracked" 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.

HISTORY OF OIL OR GAS WELL			
FROM-	TO-	TOTAL FEET	FORMATION
3454	3452	2	W/2500 to 2500 ft. as shown.
3450	3448	2	W/2500 to 2500 ft. as shown.
3446	3444	2	W/2500 to 2500 ft. as shown.
3442	3440	2	W/2500 to 2500 ft. as shown.
3438	3436	2	W/2500 to 2500 ft. as shown.
3434	3432	2	W/2500 to 2500 ft. as shown.
3430	3428	2	W/2500 to 2500 ft. as shown.
3426	3424	2	W/2500 to 2500 ft. as shown.
3422	3420	2	W/2500 to 2500 ft. as shown.
3418	3416	2	W/2500 to 2500 ft. as shown.
3414	3412	2	W/2500 to 2500 ft. as shown.
3410	3408	2	W/2500 to 2500 ft. as shown.
3406	3404	2	W/2500 to 2500 ft. as shown.
3402	3400	2	W/2500 to 2500 ft. as shown.
3398	3396	2	W/2500 to 2500 ft. as shown.
3394	3392	2	W/2500 to 2500 ft. as shown.
3390	3388	2	W/2500 to 2500 ft. as shown.
3386	3384	2	W/2500 to 2500 ft. as shown.
3382	3380	2	W/2500 to 2500 ft. as shown.
3378	3376	2	W/2500 to 2500 ft. as shown.
3374	3372	2	W/2500 to 2500 ft. as shown.
3370	3368	2	W/2500 to 2500 ft. as shown.
3366	3364	2	W/2500 to 2500 ft. as shown.
3362	3360	2	W/2500 to 2500 ft. as shown.
3358	3356	2	W/2500 to 2500 ft. as shown.
3354	3352	2	W/2500 to 2500 ft. as shown.
3350	3348	2	W/2500 to 2500 ft. as shown.
3346	3344	2	W/2500 to 2500 ft. as shown.
3342	3340	2	W/2500 to 2500 ft. as shown.
3338	3336	2	W/2500 to 2500 ft. as shown.
3334	3332	2	W/2500 to 2500 ft. as shown.
3330	3328	2	W/2500 to 2500 ft. as shown.
3326	3324	2	W/2500 to 2500 ft. as shown.
3322	3320	2	W/2500 to 2500 ft. as shown.
3318	3316	2	W/2500 to 2500 ft. as shown.
3314	3312	2	W/2500 to 2500 ft. as shown.
3310	3308	2	W/2500 to 2500 ft. as shown.
3306	3304	2	W/2500 to 2500 ft. as shown.
3302	3300	2	W/2500 to 2500 ft. as shown.
3298	3296	2	W/2500 to 2500 ft. as shown.
3294	3292	2	W/2500 to 2500 ft. as shown.
3290	3288	2	W/2500 to 2500 ft. as shown.
3286	3284	2	W/2500 to 2500 ft. as shown.
3282	3280	2	W/2500 to 2500 ft. as shown.
3278	3276	2	W/2500 to 2500 ft. as shown.
3274	3272	2	W/2500 to 2500 ft. as shown.
3270	3268	2	W/2500 to 2500 ft. as shown.
3266	3264	2	W/2500 to 2500 ft. as shown.
3262	3260	2	W/2500 to 2500 ft. as shown.
3258	3256	2	W/2500 to 2500 ft. as shown.
3254	3252	2	W/2500 to 2500 ft. as shown.
3250	3248	2	W/2500 to 2500 ft. as shown.
3246	3244	2	W/2500 to 2500 ft. as shown.
3242	3240	2	W/2500 to 2500 ft. as shown.
3238	3236	2	W/2500 to 2500 ft. as shown.
3234	3232	2	W/2500 to 2500 ft. as shown.
3230	3228	2	W/2500 to 2500 ft. as shown.
3226	3224	2	W/2500 to 2500 ft. as shown.
3222	3220	2	W/2500 to 2500 ft. as shown.
3218	3216	2	W/2500 to 2500 ft. as shown.
3214	3212	2	W/2500 to 2500 ft. as shown.
3210	3208	2	W/2500 to 2500 ft. as shown.
3206	3204	2	W/2500 to 2500 ft. as shown.
3202	3200	2	W/2500 to 2500 ft. as shown.
3198	3196	2	W/2500 to 2500 ft. as shown.
3194	3192	2	W/2500 to 2500 ft. as shown.
3190	3188	2	W/2500 to 2500 ft. as shown.
3186	3184	2	W/2500 to 2500 ft. as shown.
3182	3180	2	W/2500 to 2500 ft. as shown.
3178	3176	2	W/2500 to 2500 ft. as shown.
3174	3172	2	W/2500 to 2500 ft. as shown.
3170	3168	2	W/2500 to 2500 ft. as shown.
3166	3164	2	W/2500 to 2500 ft. as shown.
3162	3160	2	W/2500 to 2500 ft. as shown.
3158	3156	2	W/2500 to 2500 ft. as shown.
3154	3152	2	W/2500 to 2500 ft. as shown.
3150	3148	2	W/2500 to 2500 ft. as shown.
3146	3144	2	W/2500 to 2500 ft. as shown.
3142	3140	2	W/2500 to 2500 ft. as shown.
3138	3136	2	W/2500 to 2500 ft. as shown.
3134	3132	2	W/2500 to 2500 ft. as shown.
3130	3128	2	W/2500 to 2500 ft. as shown.
3126	3124	2	W/2500 to 2500 ft. as shown.
3122	3120	2	W/2500 to 2500 ft. as shown.
3118	3116	2	W/2500 to 2500 ft. as shown.
3114	3112	2	W/2500 to 2500 ft. as shown.
3110	3108	2	W/2500 to 2500 ft. as shown.
3106	3104	2	W/2500 to 2500 ft. as shown.
3102	3100	2	W/2500 to 2500 ft. as shown.
3098	3096	2	W/2500 to 2500 ft. as shown.
3094	3092	2	W/2500 to 2500 ft. as shown.
3090	3088	2	W/2500 to 2500 ft. as shown.
3086	3084	2	W/2500 to 2500 ft. as shown.
3082	3080	2	W/2500 to 2500 ft. as shown.
3078	3076	2	W/2500 to 2500 ft. as shown.
3074	3072	2	W/2500 to 2500 ft. as shown.
3070	3068	2	W/2500 to 2500 ft. as shown.
3066	3064	2	W/2500 to 2500 ft. as shown.
3062	3060	2	W/2500 to 2500 ft. as shown.
3058	3056	2	W/2500 to 2500 ft. as shown.
3054	3052	2	W/2500 to 2500 ft. as shown.
3050	3048	2	W/2500 to 2500 ft. as shown.
3046	3044	2	W/2500 to 2500 ft. as shown.
3042	3040	2	W/2500 to 2500 ft. as shown.
3038	3036	2	W/2500 to 2500 ft. as shown.
3034	3032	2	W/2500 to 2500 ft. as shown.
3030	3028	2	W/2500 to 2500 ft. as shown.
3026	3024	2	W/2500 to 2500 ft. as shown.
3022	3020	2	W/2500 to 2500 ft. as shown.
3018	3016	2	W/2500 to 2500 ft. as shown.
3014	3012	2	W/2500 to 2500 ft. as shown.
3010	3008	2	W/2500 to 2500 ft. as shown.
3006	3004	2	W/2500 to 2500 ft. as shown.
3002	3000	2	W/2500 to 2500 ft. as shown.
2998	2996	2	W/2500 to 2500 ft. as shown.
2994	2992	2	W/2500 to 2500 ft. as shown.
2990	2988	2	W/2500 to 2500 ft. as shown.
2986	2984	2	W/2500 to 2500 ft. as shown.
2982	2980	2	W/2500 to 2500 ft. as shown.
2978	2976	2	W/2500 to 2500 ft. as shown.
2974	2972	2	W/2500 to 2500 ft. as shown.
2970	2968	2	W/2500 to 2500 ft. as shown.
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2962	2960	2	W/2500 to 2500 ft. as shown.
2958	2956	2	W/2500 to 2500 ft. as shown.
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2922	2920	2	W/2500 to 2500 ft. as shown.
2918	2916	2	W/2500 to 2500 ft. as shown.
2914	2912	2	W/2500 to 2500 ft. as shown.
2910	2908	2	W/2500 to 2500 ft. as shown.
2906	2904	2	W/2500 to 2500 ft. as shown.
2902	2900	2	W/2500 to 2500 ft. as shown.
2898	2896	2	W/2500 to 2500 ft. as shown.
2894	2892	2	W/2500 to 2500 ft. as shown.
2890	2888	2	W/2500 to 2500 ft. as shown.
2886	2884	2	W/2500 to 2500 ft. as shown.
2882	2880	2	W/2500 to 2500 ft. as shown.
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2818	2816	2	W/2500 to 2500 ft. as shown.
2814	2812	2	W/2500 to 2500 ft. as shown.
2810	2808	2	W/2500 to 2500 ft. as shown.
2806	2804	2	W/2500 to 2500 ft. as shown.
2802	2800	2	W/2500 to 2500 ft. as shown.
2798	2796	2	W/2500 to 2500 ft. as shown.
2794	2792	2	W/2500 to 2500 ft. as shown.
2790	2788	2	W/2500 to 2500 ft. as shown.
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2714	2712	2	W/2500 to 2500 ft. as shown.
2710	2708	2	W/2500 to 2500 ft. as shown.
2706	2704	2	W/2500 to 2500 ft. as shown.
2702	2700	2	W/2500 to 2500 ft. as shown.
2698	2696	2	W/2500 to 2500 ft. as shown.
2694	2692	2	W/2500 to 2500 ft. as shown.
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2658	2656	2	W/2500 to 2500 ft. as shown.
2654	2652	2	W/2500 to 2500 ft. as shown.
2650	2648	2	W/2500 to 2500 ft. as shown.
2646	2644	2	W/2500 to 2500 ft. as shown.
2642	2640	2	W/2500 to 2500 ft. as shown.
2638	2636	2	W/2500 to 2500 ft. as shown.
2634	2632	2	W/2500 to 2500 ft. as shown.
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2610	2608	2	W/2500 to 2500 ft. as shown.
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2602	2600	2	W/2500 to 2500 ft. as shown.
2598	2596	2	W/2500 to 2500 ft. as shown.
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2518	2516	2	W/2500 to 2500 ft. as shown.
2514	2512	2	W/2500 to 2500 ft. as shown.
2510	2508	2	W/2500 to 2500 ft. as shown.
2506	2504	2	W/2500 to 250