

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 060409
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-05267

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Mizel & Randel Address Artesia, New Mexico
Lessor or Tract Mizel & Randel Field Wildcat State New Mexico
Well No. 1 Sec. 19 T. 17S R. 31E Meridian N14PM County _____
Location 2310 ft. N of S Line and 1650 ft. E of E Line of Section 19 Elevation 3609
(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.

so far as can be determined from an available record.

Date April 15, 1942 Signed Sam Mizel
Title Partner

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

Commenced drilling Sept. 15, 1941, 1941 Finished drilling December 22, 1941, 1941

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from	1895	to	1905	No. 4, from	2852	to	2862
No. 2, from	1923	to	1928	No. 5, from		to	
No. 3, from	2812	to	2820	No. 6, from		to	

IMPORTANT WATER SANDS

No. 1, from 3455 to 465 No. 3, from to
No. 2, from 355 to No. 4, from to

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/4	465	50	Halliburton		
7	2719	100	"		5 tons

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleared out
		Acid	1000g	1-30-42	3350-3444	
		"	3000g	2-11-42	3350-3444	
4"		Nitro Gly	2000g	3-12-42	2807-2867	

TOOLS USED

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

DATES

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. _____

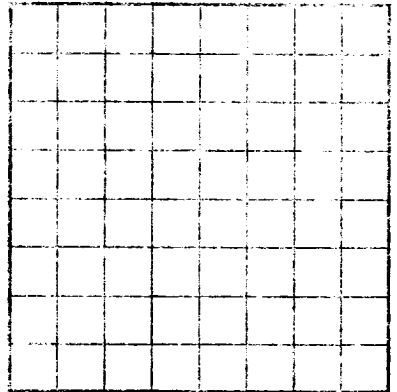
EMPLOYEES

EMPLOYEES	
Al Davis	J. H. Garland
C. H. Mahres	

FORMATION RECORD

FORMATION RECORD			
FROM-	TO-	TOTAL FEET	FORMATION
0	50		Soil
50	135		sand
135	185		sandy shale
185	250		sand & gravel
250	310		hard red beds
310	365		red shale
365	390		anhy
390	500		red beds
500	645		salt
645	740		salt & anhy
740	885		salt
885	950		salt & anhy
950	995		salt
995	1030		salt & anhy
1030	1080		salt
1080	1135		salt & red beds
1135	1185		salt
1185	1325		anhy
1325	1355		lime & anhy
1355	1490		anhy & reds
1490	1520		anhy
1520	1550		anhy & lime
1550	1580		anhy & broken shale
1580	1632		anhy
1632	1670		anhy & gray shale
1670	1725		anhy & lime
1725	1840		anhy

FORM 7-1101 SECOND-COMPL-11-1993



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30-010-024

Depth feet	Weight per foot	Grain per bushel	Moisture per cent	Make	Amount	Kind of material
3251	3258	3265	3273	3278	3283	Gray lime
3252	3259	3266	3274	3279	3284	Brown lime
3253	3260	3267	3275	3280	3285	Gray lime
3254	3261	3268	3276	3281	3286	Gray lime
3255	3262	3269	3277	3282	3287	Gray lime
3256	3263	3270	3278	3283	3288	Gray lime
3257	3264	3271	3279	3284	3289	Gray lime
3258	3265	3272	3280	3285	3290	Gray lime
3259	3266	3273	3281	3286	3291	Gray lime
3260	3267	3274	3282	3287	3292	Gray lime
3261	3268	3275	3283	3288	3293	Gray lime
3262	3269	3276	3284	3289	3294	Gray lime
3263	3270	3277	3285	3290	3295	Gray lime
3264	3271	3278	3286	3291	3296	Gray lime
3265	3272	3279	3287	3292	3297	Gray lime
3266	3273	3280	3288	3293	3298	Gray lime
3267	3274	3281	3289	3294	3299	Gray lime
3268	3275	3282	3290	3295	3300	Gray lime
3269	3276	3283	3291	3296	3301	Gray lime
3270	3277	3284	3292	3297	3302	Gray lime
3271	3278	3285	3293	3298	3303	Gray lime
3272	3279	3286	3294	3299	3304	Gray lime
3273	3280	3287	3295	3300	3305	Gray lime
3274	3281	3288	3296	3301	3306	Gray lime
3275	3282	3289	3297	3302	3307	Gray lime
3276	3283	3290	3298	3303	3308	Gray lime
3277	3284	3291	3299	3304	3309	Gray lime
3278	3285	3292	3300	3305	3310	Gray lime
3279	3286	3293	3301	3306	3311	Gray lime
3280	3287	3294	3302	3307	3312	Gray lime
3281	3288	3295	3303	3308	3313	Gray lime
3282	3289	3296	3304	3309	3314	Gray lime
3283	3290	3297	3305	3310	3315	Gray lime
3284	3291	3298	3306	3311	3316	Gray lime
3285	3292	3299	3307	3312	3317	Gray lime
3286	3293	3300	3308	3313	3318	Gray lime
3287	3294	3301	3309	3314	3319	Gray lime
3288	3295	3302	3310	3315	3320	Gray lime
3289	3296	3303	3311	3316	3321	Gray lime
3290	3297	3304	3312	3317	3322	Gray lime
3291	3298	3305	3313	3318	3323	Gray lime
3292	3299	3306	3314	3319	3324	Gray lime
3293	3300	3307	3315	3320	3325	Gray lime
3294	3301	3308	3316	3321	3326	Gray lime
3295	3302	3309	3317	3322	3327	Gray lime
3296	3303	3310	3318	3323	3328	Gray lime
3297	3304	3311	3319	3324	3329	Gray lime
3298	3305	3312	3320	3325	3330	Gray lime
3299	3306	3313	3321	3326	3331	Gray lime
3300	3307	3314	3322	3327	3332	Gray lime
3301	3308	3315	3323	3328	3333	Gray lime
3302	3309	3316	3324	3329	3334	Gray lime
3303	3310	3317	3325	3330	3335	Gray lime
3304	3311					

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of 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 "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.

HISTORY OF OIL OR GAS WELL

16-43094-1 U. S. GOVERNMENT PRINTING OFFICE

FORMATION	TO	TOTAL FEET	FORMATION
any & lime	1895		
any	1915		
any	1928		
lime	1940		
any	1993		
any & lime	2013		
any	2035		
any	2061		
any & red beds	2080		
any & lime	2087		
red sand	2100		
any	2107		
red shale	2110		
any & red shale	2158		
any	2163		
blue shale	2210		
any & shale	2235		
any	2237		
any	2257		
broken lime	2275		
lime & broken red beds	2283		
any	2292		
gray shale	2300		
any	2310		
blue shale	2324		
gray lime	2333		
red beds	2351		
red sand	2392		
any	2406		
any & shale	2435		
lime	2455		
lime & broken blue shale	2475		
lime & any	2490		
EMPLOYERS	2505		
red sand	2508		
any	2520		
any & lime	2545		
lime & brown shale	2560		
shale red sand & lime	2575		
sand & any	2600		
lime & broken shale	2612		
red sand	2624		
red sand	2630		
lime	2659		
broken red bed	2700		
lime & shale	2726		
gray lime	2735		
lime	2747		
gray lime	2760		
lime	2774		
gray lime	2777		
broken lime & shale	2777		
SHOOTING RECORD			
lime	2807		
gray lime	2858		
lime	2862		
sandy lime	2871		
lime	2871		
gray lime	2879		
lime	2895		
gray lime	2998		
lime	3198		
gray lime	3219		
lime	3224		
lime	3230		
lime	3251		
any & lime	1895		

FORMATION RECORD—Continued