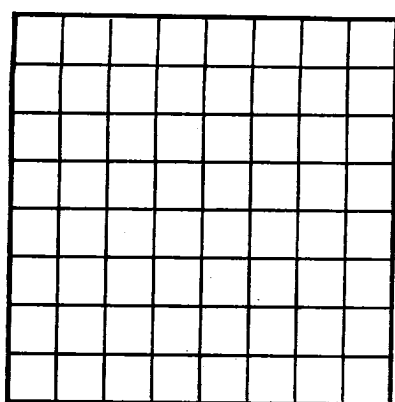


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **029410-A**
LEASE OR PERMIT TO PROSPECT **Lease**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Carper Drilling Company** Address **Artesia, N. M.**
Lessor or Tract **Simon** Field **Maljamar** State **New Mexico**
Well No. **5-A** Sec. **29** T. **17** R. **32** Meridian **NMPM** County **Lea**
Location **660 ft. {N.} of S Line and 660 ft. {E.} of W Line of 29-17-32** Elevation _____
(Denotes feet 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 _____

Date **September 22, 1941** Title _____

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

Commenced drilling **July 22**, 19**41** Finished drilling **Sept. 12**, 19**41**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3700** to **(0)** No. 4, from _____ to _____
No. 2, from **3851** to **3865 (O & G)** No. 5, from _____ to _____
No. 3, from **3888** to **3921 (O)** 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"	28#		S. H.	1050'					
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"	1050'	50	Halliburton		
7"	3546'	100	"		4 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 cleaned out
	4" & 2 1/2"	Nitro-Glycerin	297 Qs.	9-14-41	3854-3865	30Qt.
					3865-3880	15 "
					3880-3930	130 Qt.
					3930-3952	22 Qt.
					3952-3990	100 "

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **4007** feet, and from _____ feet to _____ feet

DATES

Put to producing **October 1,** 19**41**
The production for the first 24 hours was **200** barrels of fluid of which **100** % 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

Marlin Traylor, Driller **Britten Coll**, Driller
W. T. Albert, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	45		Sand and caliche
45	85		red sand
85	125		Caliche
125	400		Red bed
400	410		Anhyd.
410	435		Red bed & rock
435	700		Red rock
700	705		Sharp sand
705	730		Red rock
730	805		Red rock & shale
805	835		Anhyd.
835	840		Red rock
840	870		Anhyd. & Russell lime
870	905		Anhyd.
905	925		Gyp. & Anhyd.
925	950		Anhyd. & lime
950	990		Anhyd. & shale
990	1010		red rock
1010	1110		Polyhalite & salt
1110	1130		Anhyd.
1130	1615		Salt
1615	1650		White salt
1650	1665		Polyhalite
1665	1810		Salt
1810	1850		Anhyd
1850	1998	1017 FEET	Salt

FORMATION RECORD—Continued

THE SECRETARY OF THE ARMY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

The information given here is a summary and correct record of the work and all work not shown so far as can be determined from all available records.

Signed _____

Investigation _____ of _____ of _____
[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] [101] [102] [103] [104] [105] [106] [107] [108] [109] [110] [111] [112] [113] [114] [115] [116] [117] [118] [119] [120] [121] [122] [123] [124] [125] [126] [127] [128] [129] [130] [131] [132] [133] [134] [135] [136] [137] [138] [139] [140] [141] [142] [143] [144] [145] [146] [147] [148] [149] [150] [151] [152] [153] [154] [155] [156] [157] [158] [159] [160] [161] [162] [163] [164] [165] [166] [167] [168] [169] [170] [171] [172] [173] [174] [175] [176] [177] [178] [179] [180] [181] [182] [183] [184] [185] [186] [187] [188] [189] [190] [191] [192] [193] [194] [195] [196] [197] [198] [199] [200] [201] [202] [203] [204] [205] [206] [207] [208] [209] [210] [211] [212] [213] [214] [215] [216] [217] [218] [219] [220] [221] [222] [223] [224] [225] [226] [227] [228] [229] [230] [231] [232] [233] [234] [235] [236] [237] [238] [239] [240] [241] [242] [243] [244] [245] [246] [247] [248] [249] [250] [251] [252] [253] [254] [255] [256] [257] [258] [259] [260] [261] [262] [263] [264] [265] [266] [267] [268] [269] [270] [271] [272] [273] [274] [275] [276] [277] [278] [279] [280] [281] [282] [283] [284] [285] [286] [287] [288] [289] [290] [291] [292] [293] [294] [295] [296] [297] [298] [299] [300] [301] [302] [303] [304] [305] [306] [307] [308] [309] [310] [311] [312] [313] [314] [315] [316] [317] [318] [319] [320] [321] [322] [323] [324] [325] [326] [327] [328] [329] [330] [331] [332] [333] [334] [335] [336] [337] [338] [339] [340] [341] [342] [343] [344] [345] [346] [347] [348] [349] [350] [351] [352] [353] [354] [355] [356] [357] [358] [359] [360] [361] [362] [363] [364] [365] [366] [367] [368] [369] [370] [371] [372] [373] [374] [375] [376] [377] [378] [379] [380] [381] [382] [383] [384] [385] [386] [387] [388] [389] [390] [391] [392] [393] [394] [395] [396] [397] [398] [399] [400] [401] [402] [403] [404] [405] [406] [407] [408] [409] [410] [411] [412] [413] [414] [415] [416] [417] [418] [419] [420] [421] [422] [423] [424] [425] [426] [427] [428] [429] [430] [431] [432] [433] [434] [435] [436] [437] [438] [439] [440] [441] [442] [443] [444] [445] [446] [447] [448] [449] [450] [451] [452] [453] [454] [455] [456] [457] [458] [459] [460] [461] [462] [463] [464] [465] [466] [467] [468] [469] [470] [471] [472] [473] [474] [475] [476] [477] [478] [479] [480] [481] [482] [483] [484] [485] [486] [487] [488] [489] [490] [491] [492] [493] [494] [495] [496] [497] [498] [499] [500] [501] [502] [503] [504] [505] [506] [507] [508] [509] [510] [511] [512] [513] [514] [515] [516] [517] [518] [519] [520] [521] [522] [523] [524] [525] [526] [527] [528] [529] [530] [531] [532] [533] [534] [535] [536] [537] [538] [539] [540] [541] [542] [543] [544] [545] [546] [547] [548] [549] [550] [551] [552] [553] [554] [555] [556] [557] [558] [559] [560] [561] [562] [563] [564] [565] [566] [567] [568] [569] [570] [571] [572] [573] [574] [575] [576] [577] [578] [579] [580] [581] [582] [583] [584] [585] [586] [587] [588] [589] [590] [591] [592] [593] [594] [595] [596] [597] [598] [599] [600] [601] [602] [603] [604] [605] [606] [607] [608] [609] [610] [611] [612] [613] [614] [615] [616] [617] [618] [619] [620] [621] [622] [623] [624] [625] [626] [627] [628] [629] [630] [631] [632] [633] [634] [635] [636] [637] [638] [639] [640] [641] [642] [643] [644] [645] [646] [647] [648] [649] [650] [651] [652] [653] [654] [655] [656] [657] [658] [659] [660] [661] [662] [663] [664] [665] [666] [667] [668] [669] [670] [671] [672] [673] [674] [675] [676] [677] [678] [679] [680] [681] [682] [683] [684] [685] [686] [687] [688] [689] [690] [691] [692] [693] [694] [695] [696] [697] [698] [699] [700] [701] [702] [703] [704] [705] [706] [707] [708] [709] [710] [711] [712] [713] [714] [715] [716] [717] [718] [719] [720] [721] [722] [723] [724] [725] [726] [727] [728] [729] [730] [731] [732] [733] [734] [735] [736] [737] [738] [739] [740] [741] [742] [743] [744] [745] [746] [747] [748] [749] [750] [751] [752] [753] [754] [755] [756] [757] [758] [759] [760] [761] [762] [763] [764] [765] [766] [767] [768] [769] [770] [771] [772] [773] [774] [775] [776] [777] [778] [779] [780] [781] [782] [783] [784] [785] [786] [787] [788] [789] [790] [791] [792] [793] [794] [795] [796] [797] [798] [799] [800] [801] [802] [803] [804] [805] [806] [807] [808] [809] [810] [811] [812] [813] [814] [815] [816] [817] [818] [819] [820] [821] [822] [823] [824] [825] [826] [827] [828] [829] [830] [831] [

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

Comment on drilling activity during period covered by this report

Date _____ Title _____

Oil or Gas Sands or Shales

(1) 1st June 2015

No. 1 from	No. 4 from
No. 2 from	No. 5 from
No. 3 from	No. 6 from

IMPORTANT WATER SANDS

1987-1988 1988-1989	month 6.0% month 4.0%	month 1.0% month 2.0%
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090024Z APR63

State	Weight	Age	Sex	Weight	Age	Sex
Alabama	100	100	100	100	100	100
Alaska	100	100	100	100	100	100
Arizona	100	100	100	100	100	100
Arkansas	100	100	100	100	100	100
California	100	100	100	100	100	100
Colorado	100	100	100	100	100	100
Connecticut	100	100	100	100	100	100
Delaware	100	100	100	100	100	100
District of Columbia	100	100	100	100	100	100
Florida	100	100	100	100	100	100
Georgia	100	100	100	100	100	100
Hawaii	100	100	100	100	100	100
Idaho	100	100	100	100	100	100
Illinois	100	100	100	100	100	100
Indiana	100	100	100	100	100	100
Iowa	100	100	100	100	100	100
Kansas	100	100	100	100	100	100
Kentucky	100	100	100	100	100	100
Louisiana	100	100	100	100	100	100
Maine	100	100	100	100	100	100
Maryland	100	100	100	100	100	100
Massachusetts	100	100	100	100	100	100
Michigan	100	100	100	100	100	100
Minnesota	100	100	100	100	100	100
Mississippi	100	100	100	100	100	100
Missouri	100	100	100	100	100	100
Montana	100	100	100	100	100	100
Nebraska	100	100	100	100	100	100
Nevada	100	100	100	100	100	100
New Hampshire	100	100	100	100	100	100
New Jersey	100	100	100	100	100	100
New Mexico	100	100	100	100	100	100
New York	100	100	100	100	100	100
North Carolina	100	100	100	100	100	100
North Dakota	100	100	100	100	100	100
Ohio	100	100	100	100	100	100
Oklahoma	100	100	100	100	100	100
Oregon	100	100	100	100	100	100
Pennsylvania	100	100	100	100	100	100
Rhode Island	100	100	100	100	100	100
South Carolina	100	100	100	100	100	100
South Dakota	100	100	100	100	100	100
Tennessee	100	100	100	100	100	100
Texas	100	100	100	100	100	100
Utah	100	100	100	100	100	100
Vermont	100	100	100	100	100	100
Virginia	100	100	100	100	100	100
Washington	100	100	100	100	100	100
West Virginia	100	100	100	100	100	100
Wisconsin	100	100	100	100	100	100
Wyoming	100	100	100	100	100	100

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 "undracked" 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 piers 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

16-5004-1 U. S. GOVERNMENT PRINTING OFFICE

FORMATION	TOTAL FEET	FORMATION	TOTAL FEET
Anyd.	2025	Anyd.	2025
Salt, shale & anyd.	2050	Anyd.	2050
Anyd.	2190	Anyd.	2190
Br. shale	2225	Anyd.	2225
Anyd. & shale	2250	Anyd.	2250
Anyd.	2265	Anyd.	2265
Anyd. & shale	2340	Anyd.	2340
Anyd.	2380	Anyd.	2380
Sandy shale	2405	Anyd.	2405
Anyd.	2470	Anyd.	2470
Lime shells	2500	Anyd.	2500
Shale	2530	Anyd.	2530
Anyd.	2545	Anyd.	2545
Anyd.	2580	Anyd.	2580
Lime	2595	Anyd.	2595
Anyd.	2625	Anyd.	2625
Anyd. & lime	2680	Anyd.	2680
Anyd.	2685	Anyd.	2685
Anyd.	2710	Anyd.	2710
Anyd.	2720	Anyd.	2720
Bentonite	2750	Anyd.	2750
Anyd.	2920	Anyd.	2920
Anyd.	2945	Anyd.	2945
Anyd. & red rock	3070	Anyd.	3070
Anyd.	3100	Anyd.	3100
Anyd. & shale	3160	Anyd.	3160
Red sand	3185	Anyd.	3185
Anyd. & lime shells	3225	Anyd.	3225
Anyd. & lime	3250	Anyd.	3250
FORMATION RECORD		FORMATION RECORD	
Anyd. & lime	3270	Anyd. & lime	3270
Anyd. & lime	3325	Anyd. & lime	3325
Sandy shale	3330	Sandy shale	3330
Anyd. & Br. lime	3348	Anyd. & Br. lime	3348
Anyd. & lime	3367	Anyd. & lime	3367
Gray lime	3390	Gray lime	3390
Lime & red rock	3404	Lime & red rock	3404
Anyd. & lime	3495	Anyd. & lime	3495
Anyd. & lime	3588	Anyd. & lime	3588
Anyd.	3621	Anyd.	3621
Anyd.	3659	Anyd.	3659
Anyd.	3959	Anyd.	3959
Anyd.	4007	Anyd.	4007