

RECEIVED

Budget Bureau No. 42-B355.
Approval expires 11-30-46.U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **029438-B**

LEASE OR PERMIT TO PROSPECT

APR 1 1946

U. S. GEOLOGICAL SURVEY
Denver, Colorado

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
RECEIVED
APR 1 1946

ROSWELL, NEW MEXICO

RECEIVED

MAR 10 1977

O. C. C.

ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Carper Drilling Company** Address **Artesia, New Mexico**
Lessor or Tract **Johnson** Field **Square Lake** State **New Mexico**
Well No. **5-B** Sec. **34** T. **16** R. **31** Meridian **NMPM** County **Eddy**
Location **1980** ft. (N.) of **S** Line and **1980** ft. (E.) of **N** Line of **34-16-31** Elevation _____
(Deriv. from 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.

Date **March 26, 1946** Signed **Stanley Carper** Title **Partner**

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

Commenced drilling **January 5, 1946**, 19____ Finished drilling **March 23**, 19**46**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3450'** to **3480' O & G** No. 4, from _____ to _____
No. 2, from **3505'** to **3525' O & G** No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **2860'** 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 1/2"	28.5	8	Halliburton	50 sacks	Guide shoe	3450'			
7"	24.5	8	Halliburton	Mudded with Aquagel	Guide shoe	3480'			
5 1/2"	14.5	8	Halliburton	100 sacks	Guide shoe	3505'			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/2"	810'	50 sacks	Halliburton		
7"	2895'	Mudded with Aquagel			40 sacks Aquagel
5 1/2"	3473'	100 sacks	Halliburton		25 sacks Aquagel

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
3 1/2"		Nitro Glycerin	60 qts.	3/16/46	3450'-80'	
2 1/2"		"	25 "	"	3480'-3505'	
3 1/2"		"	40 "	"	3505'-3525'	3537'

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **3537'** feet, and from _____ feet to _____ feet

DATES

March 26, 19**46** Put to producing **March 23**, 19**46**

The production for the first 24 hours was **135** 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

M. A. Mapes, Driller **W. T. Martin**, Driller
Mart Murphy, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Sand
10	25	15	Gyp
25	55	30	Red Rock
55	65	10	Gray Shale
65	90	25	Br. Shale & Gyp
90	105	15	Gray Shale
105	130	25	Red Shale
130	155	25	Red Shale
155	225	70	Gray Shale
225	240	15	Red Shale
240	260	20	Gray Shale
260	275	15	Red Shale
275	300	25	Gray Shale
300	325	25	Red Shale
325	340	15	Gray Shale
340	350	10	Red Shale
350	365	15	Gray Shale
365	380	15	Red Shale
380	400	20	Gray Shale
400	420	20	Red Shale
420	440	20	Gray Shale
440	460	20	Red Shale
460	480	20	Gray Shale
480	500	20	Red Shale
500	520	20	Gray Shale
520	540	20	Red Shale
540	560	20	Gray Shale
560	580	20	Red Shale
580	600	20	Gray Shale
600	620	20	Red Shale
620	640	20	Gray Shale
640	660	20	Red Shale
660	680	20	Gray Shale
680	700	20	Red Shale
700	720	20	Gray Shale
720	740	20	Red Shale
740	760	20	Gray Shale
760	780	20	Red Shale
780	800	20	Gray Shale
800	820	20	Red Shale
820	840	20	Gray Shale
840	860	20	Red Shale
860	880	20	Gray Shale
880	900	20	Red Shale
900	920	20	Gray Shale
920	940	20	Red Shale
940	960	20	Gray Shale
960	980	20	Red Shale
980	1000	20	Gray Shale
1000	1020	20	Red Shale
1020	1040	20	Gray Shale
1040	1060	20	Red Shale
1060	1080	20	Gray Shale
1080	1100	20	Red Shale
1100	1120	20	Gray Shale
1120	1140	20	Red Shale
1140	1160	20	Gray Shale
1160	1180	20	Red Shale
1180	1200	20	Gray Shale
1200	1220	20	Red Shale
1220	1240	20	Gray Shale
1240	1260	20	Red Shale
1260	1280	20	Gray Shale
1280	1300	20	Red Shale
1300	1320	20	Gray Shale
1320	1340	20	Red Shale
1340	1360	20	Gray Shale
1360	1380	20	Red Shale
1380	1400	20	Gray Shale
1400	1420	20	Red Shale
1420	1440	20	Gray Shale
1440	1460	20	Red Shale
1460	1480	20	Gray Shale
1480	1500	20	Red Shale
1500	1520	20	Gray Shale
1520	1540	20	Red Shale
1540	1560	20	Gray Shale
1560	1580	20	Red Shale
1580	1600	20	Gray Shale
1600	1620	20	Red Shale
1620	1640	20	Gray Shale
1640	1660	20	Red Shale
1660	1680	20	Gray Shale
1680	1700	20	Red Shale
1700	1720	20	Gray Shale
1720	1740	20	Red Shale
1740	1760	20	Gray Shale
1760	1780	20	Red Shale
1780	1800	20	Gray Shale
1800	1820	20	Red Shale
1820	1840	20	Gray Shale
1840	1860	20	Red Shale
1860	1880	20	Gray Shale
1880	1900	20	Red Shale
1900	1920	20	Gray Shale
1920	1940	20	Red Shale
1940	1960	20	Gray Shale
1960	1980	20	Red Shale
1980	2000	20	Gray Shale
2000	2020	20	Red Shale
2020	2040	20	Gray Shale
2040	2060	20	Red Shale
2060	2080	20	Gray Shale
2080	2100	20	Red Shale
2100	2120	20	Gray Shale
2120	2140	20	Red Shale
2140	2160	20	Gray Shale
2160	2180	20	Red Shale
2180	2200	20	Gray Shale
2200	2220	20	Red Shale
2220	2240	20	Gray Shale
2240	2260	20	Red Shale
2260	2280	20	Gray Shale
2280	2300	20	Red Shale
2300	2320	20	Gray Shale
2320	2340	20	Red Shale
2340	2360	20	Gray Shale
2360	2380	20	Red Shale
2380	2400	20	Gray Shale
2400	2420	20	Red Shale
2420	2440	20	Gray Shale
2440	2460	20	Red Shale
2460	2480	20	Gray Shale
2480	2500	20	Red Shale
2500	2520	20	Gray Shale
2520	2540	20	Red Shale
2540	2560	20	Gray Shale
2560	2580	20	Red Shale
2580	2600	20	Gray Shale
2600	2620	20	Red Shale
2620	2640	20	Gray Shale
2640	2660	20	Red Shale
2660	2680	20	Gray Shale
2680	2700	20	Red Shale
2700	2720	20	Gray Shale
2720	2740	20	Red Shale
2740	2760	20	Gray Shale
2760	2780	20	Red Shale
2780	2800	20	Gray Shale
2800	2820	20	Red Shale
2820	2840	20	Gray Shale
2840	2860	20	Red Shale
2860	2880	20	Gray Shale
2880	2900	20	Red Shale
2900	2920	20	Gray Shale
2920	2940	20	Red Shale
2940	2960	20	Gray Shale
2960	2980	20	Red Shale
2980	3000	20	Gray Shale
3000	3020	20	Red Shale
3020	3040	20	Gray Shale
3040	3060	20	Red Shale
3060	3080	20	Gray Shale
3080	3100	20	Red Shale
3100	3120	20	Gray Shale
3120	3140	20	Red Shale
3140	3160	20	Gray Shale
3160	3180	20	Red Shale
3180	3200	20	Gray Shale
3200	3220	20	Red Shale
3220	3240	20	Gray Shale
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3760	3780	20	Red Shale
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3960	3980	20	Red Shale
3980	4000	20	Gray Shale
4000	4020	20	Red Shale
4020	4040	20	Gray Shale
4040	4060	20	Red Shale
4060	4080	20	Gray Shale
4080	4100	20	Red Shale
4100	4120	20	Gray Shale
4120	4140	20	Red Shale
4140	4160	20	Gray Shale
4160	4180	20	Red Shale
4180	4200	20	Gray Shale
4200	4220	20	Red Shale
4220	4240	20	Gray Shale
4240	4260	20	Red Shale
4260	4280	20	Gray Shale
4280	4300	20	Red Shale
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4340	4360	20	Gray Shale
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5980	6000	20	Gray Shale
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6720	6740	20	Red Shale
6740	6760	20	

RECEIVED

House, Bureau 7-1333
Approved copies 7-1333-10U. S. Land Office
Serial Number
Please see Permit to Prospect

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

UNITED STATES

Company _____

Lessor or Trust _____

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 _____

1946

OIL OR GAS SANDS OR ZONES

(Denote by G)

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

CASING RECORD

Casing _____

Weight _____

Threads per _____

Make _____

Amount _____

Kind of shoe _____

Cut and pulled from _____

Perforated _____

Purpose _____

HISTORY OF OIL OR GAS WELL

10-43004-1 U. S. GOVERNMENT PRINTING OFFICE

MUDGING AND CEMENTING RECORD

Mud _____

Amount of mud used _____

TOOLS USED

Rotary tools were used from _____

Cable tools were used from _____

DATES

Put to producing _____

The production for the first 24 hours was _____

If gas well, oil, per 24 hours _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Driller _____

Driller _____

FORMATION RECORD

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