Form 9-330

Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029438-B
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Carper Drilling Company Address Artesia, New Mexico
Lessor or Tract Johnson 1-B Field Robinson State New Mexico
Well No. 1-B Sec. 34 T. 16 R. 31 Meridian NMPM County Eddy
Location 1980 ft. {N.} of S Line and 660 ft. {E.} of E Line of 34-16-31 Elevation
{S.} {W.} (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
Date Jan. 16, 1945 Title

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

Commenced drilling Oct. 7, 1944 Finished drilling December 31, 1944

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3565 to 3585 No. 4, from to
No. 2, from 3625 to 3655 No. 5, from to
No. 3, from 3748 to 3770 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 2935 to 2950 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 From—	Perforated To—	Purpose
8"	28#	8	S.H.	880	Tex. Pat.				
7"	20#	8	New	2970	"	Pulled			
5½"	14#	8	New	3454	"				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	880'	50	Balance method		
7"	2970'	Mudded	Halliburton	Pulled	
5½"	3454'	100 & mudded	Halliburton		

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"		Nitro glycerin	320 Qts.	1-3-45	3565-85 3625-55 3748-70 3585-3625 3655-3748	3772

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 3855 feet, and from feet to feet

DATES

Put to producing Jan. 13, 1945

The production for the first 24 hours was 120 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

N. C. Pennell, Driller Earle McDorman, Driller
Troy Scott, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	660		Red bed & rock
660	700		Anhyd.
700	707		Red bed
707	795		Anhyd.
795	845		" & shale breaks
845	875		Br. shale
875	1825		Salt - Poly.
1825	1860		Anhyd.
1860	1870		Salt
1870	2005		Anhyd.
2005	2055		" & Br. Shale
2055	2065		Br. shale & red rock
2065	2085		Anhyd.
2085	2115		Anhyd. & br. shale
2115	2510		"
2510	2880		" & lime
2880	2930		"
2930	2945		Red sand
2945	2950		Br. lime
2950	2960		Gray sand
2960	2980		White lime
2980	2985		Anhyd. & lime
2985	3000		Lime
3000	3010		Anhyd.
3010	3025		Br. lime
3025	3150		Anhyd.

(OVER)

16—43094-2

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
3150	3175		Anhy. & shale breaks
3175	3230		
3230	3290		& shale breaks
3290	3325		
3325	3855		Lime

HISTORY OF OIL OR GAS WELL

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 shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	PERFORATED		Purpose
							From—	To—	

No. 1, from ..... to ..... No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to .....

IMPORTANT WATER SANDS

No. 1, from ..... to ..... No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

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

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ..... to ..... No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

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

Commenced drilling ..... 19.. Finished drilling ..... 19..

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

Date ..... Title .....

Signed .....

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The information given herewith is a complete and correct record of the well and all work done thereon

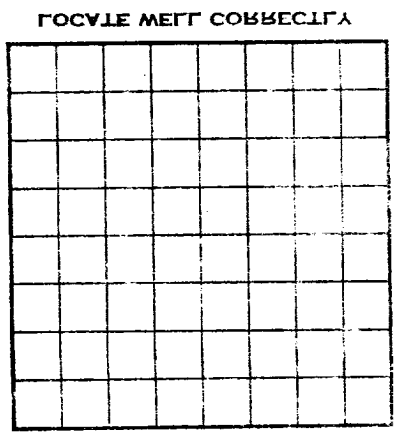
Location ..... ft. {N. / S.} of ..... Line and ..... ft. {E. / W.} of ..... Line of ..... Elevation .....

Well No. ..... Sec. ..... T. ..... R. ..... Meridian ..... County .....

Lessor or Tract ..... Field ..... State .....

Company ..... Address .....

LOCATE WELL CORRECTLY



FORM 9-330

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Land Office .....

Serial Number .....

Lease or Permit to Prospect .....