Form 9-330

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

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 056616-B
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-04282

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Carper Drilling Co. Address Artesia, New Mexico
Lessor or Tract Gissler Field Fren State New Mexico
Well No. 4 Sec. 23 T. 17 R. 30 Meridian NMPM County Eddy
Location 1980 ft. {N. / S.} of ~~1980N~~ Line and 1980 ft. {E. / W.} of W Line of 23-17-30 Elevation 3661 (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 Title

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

Commenced drilling 3-23, 19 46 Finished drilling 4-28, 19 46

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1735 to 1750 O & G No. 4, from to
No. 2, from 1825 to 1910 " No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 435 to 450 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 thd.	2nd hand	475	Tex. Pat.				
7"	20#	8 "	Nat'l.	1753	Guide shoe				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	475	50 sax	Halliburton		10 sax aquagel
7"	1753	100 "	"		20 " "

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
5"		Nitro	340 Qts	4-25	1825-1910	

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 1946 feet, and from feet to feet

DATES

, 19 Put to producing April 30, 19 4

The production for the first 24 hours was 25 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

W. T. Martin, Driller N. C. Pennell, Driller
Dell M. Walter, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25		Surface sand
25	45		Caliche
45	65		Sand
65	310		Red beds & rock
310	355		Anhyd.
355	365		Shale
365	410		Red shale & gyp
410	454		Anhyd.
454	985		Salt
985	995		" - Rkx poly., & anhy.
995	1145		Salt
1145	1340		Anhyd.
1340	1370		" & red rock
1370	1400		"
1400	1415		" & red rock
1415	1460		"
1460	1490		" & shale
1490	1595		"
1595	1625		" & red shale
1625	1725		"
1725	1740		Brown lime
1740	1753		Anhyd.
1753	1946		Lime

(OVER)

16—43094-2

FOLD

MARK

Form 9-330

Budget Bureau No. 42-R355.5
Approval expires 12-31-60.

U. S. LAND OFFICE .....

SERIAL NUMBER .....

LEASE OR PERMIT TO PROSPECT .....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

50-015-04282

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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

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

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

Location ..... ft. $\left\{\begin{matrix}N.\\S.\end{matrix}\right\}$ of ..... Line and ..... ft. $\left\{\begin{matrix}E.\\W.\end{matrix}\right\}$ of ..... Line of ..... Elevation .....
(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 ..... Title .....

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

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

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 .....

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 From—	Perforated To—	Purpose

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 "deadhearted," 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—43004-1 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

TOOLS AND ADAPTERS

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

The production for the first 24 hours was ..... barrels of fluid of which ..... % was oil; ..... % emulsion; ..... % water; and ..... % sediment.

Gravity, °Be. .....

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

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION