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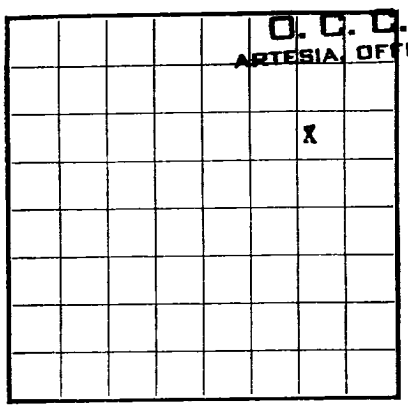
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

LAND OFFICE New Mexico
SERIAL NUMBER LC 069041
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PLUGGED & ABANDONED

LOG OF OIL OR GAS WELL

Company Carper Drilling Company, Inc. Address Artesia, New Mexico

Lessor or Tract Welch Field Shugart State New Mexico

Well No. 5 Sec. 4 T. 19S R. 31E Meridian NMP County Eddy

Location 1710 ft. {N. / S.} of N Line and 990 ft. {E. / W.} of E Line of Section 4 Elevation 3591' (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 [signature]

Date June 2, 1961 Title Vice President

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

Commenced drilling March 18, 1961 Finished drilling May 24, 1961

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 2880 to 2890 No. 3, from ____ to ____

No. 2, from 3368 to 3421 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 5/8"	24	8	New	946	Regular	946			Surface
5 1/2"	14&15.5	8	New	3358	Regular	2550			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	918	50	Pump & plug		
5 1/2"	3360	125	Pump & plug		

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

TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

Cable tools were used from 0 feet to 3421 feet, and from ____ feet to ____ feet

DATES

____, 19____ 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

____, Driller ____, Driller

C. W. Hammond, Driller Walters, Driller

Berentz

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	565	565	Red Beds
565	815	250	Anhyd & Red Beds
815	2220	1405	Salt
2220	2420	200	Anhydrite with occasional sand & dolomite.
2420	2738	318	Anhydrite & SS with interbedded shale.
2738	3368	630	Dolomite with occasional SS.
3368	3421	54	Sandstone

Tops From Samples:
Anhydrite 565
Top Salt 815
Base Salt 2220
Yates 2420
Queen 3368

THE END OF COMPILED GEOLOGIC RECORDS

(OVER)

16—42094-4