Form 9-330

N. M. O. C. C. COPY

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

U. S. LAND OFFICE Artesia
SERIAL NUMBER LC 068840-A
LEASE OR PERMIT TO PROSPECT

RECEIVED
SEP 29 1960
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
OCT 3 1960
O. C. C.
ARTESIA, NEW MEXICO

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company J. M. C. Ritchie Address Box 953, Midland, Texas
Lessor or Tract Welch Unit Field Welch (Delaware) State New Mexico
Well No. 9 Sec. 17 T. 26S R. 27E Meridian NMPM County Eddy
Location 330 ft. {N.} of S Line and 330 ft. {E.} of E Line of Sec. 17 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 [signature]

Date September 27, 1960 Title Agent

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

Commenced drilling August 28, 1960 Finished drilling September 23, 1960

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from None to
No. 2, from to
No. 3, from to
No. 4, from to
No. 5, from to
No. 6, from to

IMPORTANT WATER SANDS

No. 1, from None to
No. 2, from to
No. 3, 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

MUDDING AND CEMENTING RECORD

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

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 2230 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
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	200	200	Surface sand & lime
200	400	200	Lime
400	1387	997	Anhy.
1397	1511	114	Salt
1511	1600	88	Anhy.
1600	1904	304	Salt
1904	2085	181	Anhy.
2085	2121	36	Lime
221	2230	109	Sand

FOLD | MARK

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD

Dallas ..... Dallas

Dallas ..... Dallas

EMPLOYES

Rock Pressure per sq. in. ..... Gallons Resolve per 1,000 cu. ft. of gas .....

If gas well, cu. ft. per 24 hours .....

Date Production for the first 24 hours was ..... barrels of fluid of which ..... % was oil; ..... % emulsion; ..... % water and ..... % sediment. Gravity, °Be.

DATES

Completed wells used from ..... feet to ..... feet; hole filled from ..... feet to ..... feet.

Anchor tools were used from ..... feet to ..... feet; hole filled from ..... feet to ..... feet.

TOOLS USED

Size	Hole bored	Explosives used	Quantity	Date	Depth shot	Depth cleaned out

SHOOTING RECORD

Dynamite—Alphonal ..... Size .....

Nitroglycerin—Alphonal ..... Strength ..... Depth set .....

PLUGS AND ADAPTERS

Size	Material	Depth set	Length	Depth shot	Depth cleaned out

WELL STATUS

Date	Well flowed, bbls.	Hours flowed	Choke	Rock pressure	Oil	Gas	Water

WRECKING AND CEMENTING RECORD

Size	Where left	Number sacks of cement	Method	Results

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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.

Size	Weight	Depth	Make	Amount	How secured	Shoe or bridge from	Perforated from—	To—	Purpose

CASING RECORD

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

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

(Denote by +)

OIL OR GAS SANDS OR ZONES

Commenced drilling ..... 19..... Completed drilling ..... 19.....

The information given on this page is for the condition of the well to above date.

Date ..... Signed .....

Title .....

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.

Signature .....

Date .....

Company .....

Address .....

Date ..... 19.....

Signature .....

Title .....

Representing the .....

Company .....

Address .....

State .....

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

County .....

Location ..... ft. ..... of ..... Line and ..... ft. ..... of ..... Line of ..... Section .....

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.

Signature .....

Date .....

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR

UNITED STATES

GEOLOGICAL SURVEY

O. P. Fitz Gerald, Director

Form 9-329

Form 9-329
Bureau of Mines
Bureau of Land Management
Form approved.
Budget Bureau No. 42-R355.5.