Form 9-330

LOCATE WELL CORRECTLY

get au No. 42-R355.1.
Approves. Expires 11-30-49.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 057798
LEASE OR PERMIT TO PROSPECT Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-00635

LOG OF OIL OR GAS WELL

Company Paton Bros. Address Artesia, N. Mex.
Lessor or Tract Magruder Field Artesia State N. Mex.
Well No. 4 Sec. 35 T. 17S R. 27E Meridian NMPM County Eddy
Location 330 ft. {N.} of S Line and 990 ft. {E.} of E Line of Sec. 35 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 Dec. 26, 1941 Title Secretary

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

Commenced drilling Dec. 15, 1941 Finished drilling Dec. 23, 1941

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 480 to 502 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 None 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
8"	28	8	Lapweld	471'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	471	25	Halliburton		8 Sacks

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
Well acidized with 1000 gallons, 15%, Non-emulsifying acid. Halliburton						

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 504 feet, and from feet to feet

DATES

, 19 Put to producing Dec. 24, 1941

The production for the first 8 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

W. H. Willey, Driller A. M. Paton, Driller
M. K. Clark, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Red Bed
26	35	10	Gyp
36	60	25	Red Bed.
61	125	65	Gyp
126	190	65	Anhydrite
191	220	30	Red rock
221	235	15	Anhydrite
236	255	20	Red rock
256	270	15	Anhydrite
271	285	15	Red rock
286	310	25	Anhydrite
311	340	30	Red rock
341	420	80	Anhydrite
421	425	5	Red rock
426	455	30	Anhydrite
456	462	7	Anhydrite & Shale
463	480	18	Anhydrite
481	484	4	Brown Lime (Oil)
485	489	5	Anhydrite
490	493	4	Brown Lime (Oil)
494	495	2	Anhydrite
496	502	7	Brown Lime (Oil)
503	504	2	Anhydrite

(OVER)

FOLD | MARK

Form 9-330

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

U. S. Land Office Las Cruces
Serial Number [illegible]
Lease or Permit to Prospect [illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-00635

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company [illegible] Address Artesia, N. Mex.
Lessor or Tract [illegible] Field Artesia State N. Mex.
Well No. [illegible] Sec. 35 T. 17S R. 27E Meridian NMPM County Eddy
Location [illegible] ft. N of S Line and [illegible] ft. E of E Line of Sec. 35 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 Dec. 26, 1941 Title Secretary

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

Commenced drilling Dec. 15, 1941 Finished drilling Dec. 23, 1941

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 480 to 502 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 None 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
5½"	28	8	Lapweld	492'					

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5½	492	25	Halliburton		5 Sacks

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
Well acidized with 1000 gallons, 15% Non-emulsifying acid. Halliburton						

TOOLS USED

Rotary tools were used from .... feet to .... feet, and from .... feet to .... feet
Cable tools were used from 0 feet to 504 feet, and from .... feet to .... feet

DATES

.... 19.... Put to producing Dec. 24, 1941

The production for the first 24 hours was [illegible] barrels of fluid of which [illegible]% 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

[illegible], Driller A. L. [illegible], Driller
W. K. Clark, Driller ...., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Red Bed
[illegible]	[illegible]	[illegible]	Gyp
[illegible]	[illegible]	[illegible]	Red Bed.
[illegible]	125	[illegible]	Gyp
126	190	65	Anhydrite
191	220	30	Red rock
221	[illegible]	[illegible]	Anhydrite
[illegible]	[illegible]	[illegible]	Red rock
[illegible]	[illegible]	15	Anhydrite
[illegible]	[illegible]	15	Red rock
[illegible]	310	25	Anhydrite
[illegible]	[illegible]	30	Red rock
[illegible]	[illegible]	[illegible]	Anhydrite
[illegible]	[illegible]	[illegible]	Red rock
[illegible]	[illegible]	[illegible]	Anhydrite
[illegible]	462	[illegible]	Anhydrite & Shale
[illegible]	470	[illegible]	Anhydrite
[illegible]	484	[illegible]	Brown Lime (Oil)
[illegible]	490	[illegible]	Anhydrite
[illegible]	[illegible]	[illegible]	Brown Lime (Oil)
[illegible]	[illegible]	[illegible]	Anhydrite
[illegible]	502	[illegible]	Brown Lime (Oil)
[illegible]	504	[illegible]	Anhydrite

[OVER] 16—43094-2

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION