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

Form 9-330

U. S. Land Office Las Cruces
Serial Number 057798
Lease or Permit to Prospect Lease

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Paton Bros. Address Artesia, N. Mex.

Lessor or Tract Magruder Field Empire State N. Mex.

Well No. 2 Sec. 35 T. 17S R. 27E Meridian NMPM County Eddy

Location 1650 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 Nov. 8, 1941 Title Secretary

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

Commenced drilling Oct. 21, 1941, 19____ Finished drilling Oct. 25, 19 41

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 484 to 497 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	426'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	426'	45	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
Acidized with 1000 gallons 15% acid from 484' to 500'						

TOOLS USED

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

Cable tools were used from 0 feet to 500 feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing Oct. 31, 1941

The production for the first 24 hours was 40 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment.

Gravity, °Bé. ____

If gas well, cu. ft. per 24 hours Slight Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

____, Driller T. L. Fulton, Driller

M. K. Clark, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Caliche
10	40	30	Red rock
41	90	50	Anhydrite and Red rock
91	185	95	Anhydrite
186	215	30	Anhydrite and Red rock
216	285	70	Red Rock
286	340	55	Anhydrite & Red rock
341	418	78	Anhydrite
419	423	5	Red rock
424	460	37	Anhydrite and lime
461	484	24	Anhydrite
485	489	5	Brown Lime (Oil)
490	493	4	Anhydrite
494	496	3	Brown Lime and anhydrite (Oil)
497		1	Anhydrite
498	500	3	Blue shale

(OVER)

FOLD | MARK

Form 9-330

Budget Bureau No. 42-R356.1.
Approval expires 11-30-49.

U. S. Land Office Las Cruces
Serial Number 057[illegible]
Lease or Permit to Prospect Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company [illegible] Address Artesia, N. Mex.
Lessor or Tract [illegible] Field [illegible] State N. Mex.
Well No. 2 Sec. 26 T. 17S R. [illegible] Meridian NMPM County Eddy
Location [illegible] ft. {N/S} of S Line and 990 ft. {E/W} of E Line of [illegible] 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 Nov. 8, 1941 Title Secretary

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

Commenced drilling Oct. [illegible], 1941, 19.... Finished drilling Oct. [illegible], 19 41

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

No. 1, from 464 to 482 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
8¼	28	8	Lonestar	426'					

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.

16—43094-1 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
8¼	426'	45	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
Acidized with [illegible] gallons [illegible] acid from 482 to [illegible]						

TOOLS USED

Rotary tools were used from ...... feet to ...... feet, and from ...... feet to ...... feet
Cable tools were used from 0 feet to 500 feet, and from ...... feet to ...... feet

DATES

......, 19...... Put to producing Oct. [illegible], 1941

The production for the first 24 hours was 40 barrels of fluid of which 100 % was oil; ...... % emulsion; ...... % water; and ...... % sediment. Gravity, °Bé. ......
If gas well, cu. ft. per 24 hours Slight Gallons gasoline per 1,000 cu. ft. of gas ......
Rock pressure, lbs. per sq. in. ......

EMPLOYEES

......, Driller C. L. Fulton, Driller
[illegible], Driller ......, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Caliche
10	40	30	Red rock
41	90	[illegible]	Anhydrite and Red rock
[illegible]	185	[illegible]	Anhydrite
185	215	[illegible]	Anhydrite and Red rock
216	285	[illegible]	Red Rock
[illegible]	380	[illegible]	Anhydrite & Red rock
[illegible]	418	[illegible]	Anhydrite
419	[illegible]	[illegible]	Red rock
[illegible]	[illegible]	[illegible]	Anhydrite and lime
[illegible]	[illegible]	[illegible]	Anhydrite
[illegible]	[illegible]	[illegible]	Brown lime (Oil)
[illegible]	486	[illegible]	Anhydrite
490	493	[illegible]	Brown lime and anhydrite (Oil)
494	496	[illegible]	Anhydrite
497	[illegible]	[illegible]	Blue shale
498	500	[illegible]	

(OVER) 16—43094-2

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION