

REQUEST FOR (OIL) - ~~LEASE~~ ALLOWABLE AUG 4 1957 New Well X
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-104 was submitted. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Fort Worth, Texas July 30, 1957
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Hudson & Hudson, Inc. Shugart "B" Well No. 5, in SE/4 NE 1/4,
(Company or Operator) (Lease)
"H" Sec. 15, T. 18S, R. 31E, NMPM., North Shugart Pool
Unit Letter

Eddy

County. Date Spudded July 12, 1957 Date Drilling Completed July 27, 1957

Please indicate location:

| | | | |
|---|---|---|---|
| D | C | B | A |
| E | F | G | H |
| L | K | J | I |
| M | N | O | P |

Elevation 3711 Total Depth 4145 BPTD 3430

Top Oil/Gas Pay 3384 Name of Prod. Form. Queen

PRODUCING INTERVAL -

Perforations 3384 to 3396

Open Hole Depth 4145 Casing Shoe Depth 3352 Tubing

OIL WELL TEST -

Natural Prod. Test: bbls. oil, bbls water in hrs, min. Size Choke

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 259.73 bbls. oil, 0 bbls water in 24 hrs, 0 min. Size 3/4"

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Day; Hours flowed

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 500 gal. mud; 10,000# sand and 10,000 gals. oil

Casing Tubing Date first new Press. 1800 Tubing Press. 1800 oil run to tanks July 31, 1957

Oil Transporter Texas-New Mexico Pipe Line Company

Gas Transporter

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved AUG 5 1957, 19

Hudson & Hudson, Inc.

(Company or Operator)

By: L. W. O'Neil
(Signature)

Title Vice-President

Send Communications regarding well to:

Name Edward R. Hudson

1810 Electric Building

Address Fort Worth, Texas

OIL CONSERVATION COMMISSION

By: M. L. Armstrong

Title OIL AND GAS INSPECTOR

| | | |
|-----------------------------|------------------|--|
| OIL CONSERVATION COMMISSION | | |
| ARTESIA DISTRICT OFFICE | | |
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| File | | |

Revised 7/1/55

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

(File the original and 4 copies with the appropriate district office)

AUG 4 1957

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Oil Cons. Comm:
ARTESIA OFFICE

Company or Operator Hudson & Hudson, Inc. Lease Shugart "B"

Well No. 5 Unit Letter H S 15 T 18S R 31E Pool North Shugart

County Eddy Kind of Lease (State, Fed. or Patented) Federal

If well produces oil or condensate, give location of tanks: Unit H S 15 T 18S R 31E

Authorized Transporter of Oil or Condensate Texas-New Mexico Pipe Line Company

Address P. O. Box 2332, Houston, Texas

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas -

Address -

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Reasons for Filing: (Please check proper box) New Well (X)

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership () Other ()

Remarks: (Give explanation below)

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 30th day of July 19 57

Approved _____ 19 _____

OIL CONSERVATION COMMISSION

By M. L. Armstrong

Title OIL AND GAS INSPECTOR

By L. W. O'Neil

Title Vice-President

Company Hudson & Hudson, Inc.

Address 1810 Electric Building

Fort Worth, Texas

AUG 5 1957

OIL CONSERVATION COMMISSION
ARTESIA DISTRICT OFFICE

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| File | | ✓ |

RECEIVED

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

AUG 4 1957

U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **062052**

Oil Cons. Comm.

LEASE OR PERMIT TO PROSPECT

ARTESIAN OFFICE

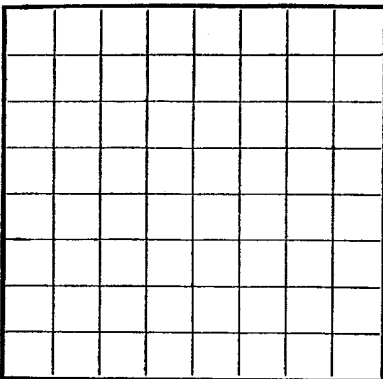
UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

AUG 5 1957

ARIZONA, NEW MEXICO



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **Hudson & Hudson, Inc.** Address **1810 Electric Building Fort Worth, Texas**
Lessor or Tract **Shugart "B"** Field **North Shugart** State **New Mexico**
Well No. **5** Sec. **15** T18S R. 31E Meridian **NMPM** County **Eddy**
Location **1980** ft. **from** Line and **660** ft. **from** Line of **Sec. 15** Elevation **3711**
(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 *J. W. O'Neil*Date **July 30th, 1957** Title **Vice-President**

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

Commenced drilling **July 12th, 1957**, 19... Finished drilling **July 27th**, 1957.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2595** to **2610** No. 4, from **4123** to **4140**
No. 2, from **3384** to **3396** No. 5, from _____ to _____
No. 3, from **4047** to **4062** 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 | | Purpose |
|-------------|-----------------|------------------|------|--------|--------------|---------------------|------------|-----|---------|
| | | | | | | | From— | To— | |
| 8 5/8" | 24 | 8 | OD | 767.79 | | | | | |
| 5 1/2" | 15.50 | 8 | OD | 414.97 | | | | | |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 5/8" | 783 | 200 | Halliburton | | |
| 5 1/2" | 4144.07 | 1200 | Halliburton | | |

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Bottom Bridging Plug in 5 1/2" Size _____

SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|----------------------------------------------------------------------------------------|------------|----------------|----------|------|------------|-------------------|
| Treated with 500 gallons acid, 10,000 gallons frac oil and 10,000# sand from 3384-3396 | | | | | | |

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **1** feet to **4145** feet, and from _____ feet to _____ feet

DATES

Put to producing **July 28th**, 19**57**

The production for the first 24 hours was _____ barrels of fluid of which **259.73** % was oil; **0** %
emulsion; **0** % water; and **0** % 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. E. Pierce, Driller **J. H. Looney**, Driller
W. D. Yaws

FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|----------------------|---------|------------|---------------------|
| 0 | 37 | 37 | Surface Rock |
| 37 | 415 | 378 | Surface & Red Bed |
| 415 | 657 | 242 | Red Bed |
| 657 | 788 | 131 | Red Bed & Anhydrite |
| 788 | 2050 | 1262 | Salt & Anhydrite |
| 2050 | 2182 | 132 | Anhydrite & Lime |
| 2182 | 2248 | 66 | Anhydrite |
| 2248 | 2471 | 223 | Anhydrite & Lime |
| 2471 | 2555 | 84 | Anhydrite |
| 2555 | 2727 | 172 | Anhydrite & Lime |
| 2727 | 2826 | 99 | Anhydrite |
| 2826 | 2983 | 157 | Anhydrite & Lime |
| 2983 | 3054 | 71 | Anhydrite |
| 3054 | 4087 | 1033 | Anhydrite & Lime |
| 4087 | 4145 TD | 58 | Lime |
| Top of the Anhydrite | | 730 | |
| Base of the Salt | | 2000 | |
| Top of the Yates | | 2310 | |
| Top of the Queen | | 3354 | |

