

DECEIVED

AUG 23 1957

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
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 QUADRUPPLICATE to the same District Office to which Form C-101 was sent. 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.

Hobbs, New Mexico 8-19-57
(Place) (Date)

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

THE OHIO OIL COMPANY Federal Johnson "A" Well No. 3, in NE $\frac{1}{4}$ SE $\frac{1}{4}$,
(Company or Operator) (Lease)

J Sec. 10, T. 18S, R. 31E, NMPM., North Shugart Pool
Unit Letter

Eddy County. Date Spudded 7-14-57 Date Drilling Completed 8-7-57

Please indicate location:

Elevation 3728' KDB Total Depth 4175' PBSD 4141'

Top Oil/Gas Pay 3324' Name of Prod. Form. Queen

PRODUCING INTERVAL -

Perforations 3324-50' with 1 1/2 jets/ft. Halliburton N/G-R meas.

Open Hole - Depth - Casing Shoe 4115' Depth - Tubing 3356'

OIL WELL TEST -

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

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 50.43 bbls. oil, - bbls water in 7 hrs, 15 min. Choke Size 16/64"

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 gals mud acid & 10,000 gals 1#/gal sand/oil

Casing Tubing - Date first new -

Press. 1000# Press. 450# oil run to tanks 8-18-57

Oil Transporter Texas-New Mexico Pipe Line Company

Gas Transporter None

Subbing, Casing and Cementing Record

| Size | Feet | Size |
|---------------|-------------------|---------------|
| <u>9-5/8"</u> | <u>Set @ 819'</u> | <u>525-34</u> |
| <u>5-1/2"</u> | <u>4115'</u> | <u>100</u> |
| <u>2"</u> | <u>3356'</u> | <u>Tbg.</u> |

Remarks: Request top allowable 38 BOPD effective 8-18-57.

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

Approved AUG 23 1957, 1957

THE OHIO OIL COMPANY
(Company or Operator)

By: SIGNED BY: R. G. HOWARD
(Signature)

OIL CONSERVATION COMMISSION

By: M. L. Armstrong
Title OIL AND GAS INSPECTOR

Title Assistant Superintendent
Send Communications regarding well to:

Name The Ohio Oil Company

Address Box 2107, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

RECEIVED
Form O-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office) AUG 23 1957

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION Cons. Comm.
TO TRANSPORT OIL AND NATURAL GAS ARTESIA OFFICE

Company or Operator THE OHIO OIL COMPANY Lease Federal Johnson "A"

Well No. 3 Unit Letter J S 10 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 M S 10 T 18S R 31E

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

Address P. O. Box 1510, Midland, Texas
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas None

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:

No pipe line connection; gas will be vented.

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 19th day of August 19 57

By ORIGINAL
SIGNED BY: E. G. HOWARD

Approved AUG 23 1957 19

Title Assistant Superintendent

OIL CONSERVATION COMMISSION

Company The Ohio Oil Company

By M L Armstrong

Address Box 2107, Hobbs, New Mexico

Title OIL AND GAS INSPECTOR

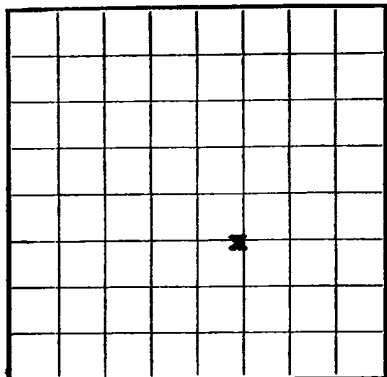
A. J. A. Grimes
Mr. L. H. Shearer
Mr. H. J. Brant
Mr. T. A. Steele
Mr. T. O. Webb

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

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029388 (s)
LEASE OR PERMIT TO PROSPECT

Form 9-890

C. T. J. R.



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-05517

LOG OF OIL OR GAS WELL

Company THE OHIO OIL COMPANY Address P. O. Box 2107, Hobbs, New Mexico
Lessor or Tract Federal Johnson "A" Field North Smugart State New Mexico
Well No. 3 Sec. 10 T. 18S R. 31E Meridian County Eddy
Location 1980 ft. ^{N.} of S Line and 1980 ft. ^{W.} of E Line of Sec. 10 Elevation 3727 ^(Derrick floor relative to M.S.L.) **DF**

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 ORIGINAL
SEED W. A. E. HOWARD

Date 8-19-57 Title Assistant Superintendent

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

Commenced drilling 7-11-57, 19... Finished drilling 8-7-57, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

Core No. 1, from 3939 to 3989 Core No. 4, from 4118 to 4168
" No. 2, from 4000 to 4051 No. 5, from ... to ...
" No. 3, from 4067 to 4118 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- | |
| <u>9-5/8</u> | <u>32.3</u> | <u>8rd</u> | <u>Spring</u> | <u>819</u> | <u>Oride</u> | | | | <u>Surface</u> |
| <u>5-1/2</u> | <u>15.7</u> | <u>8rd</u> | <u>Spring</u> | <u>4118</u> | <u>Oride</u> | | | | <u>Oil stringer</u> |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|--------------|-------------|----------------------------|---------------|-------------|--------------------|
| <u>9-5/8</u> | <u>819</u> | <u>525 sx with 3/8 gal</u> | <u>2 plug</u> | <u>-</u> | <u>-</u> |
| <u>5-1/2</u> | <u>4118</u> | <u>400 sx reg. Incon</u> | <u>-</u> | <u>-</u> | <u>-</u> |

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 4175 feet, and from ... feet to ... feet
Cable tools were used from ... feet to ... feet, and from ... feet to ... feet

DATES

Put to producing 8-18-57, 19...
The production for the first 24 hours was 50.43 barrels of fluid of which 99.8 % was oil; ... %
emulsion; ... % water; and 0.2 % sediment. Gravity, °Bé. 37.7° API @ 60° F.
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 Howard P. Holmes Drilling Co., Contractor
Driller ... Driller ...

FORMATION RECORD

| FROM- | TO- | TOTAL FEET | FORMATION |
|-------|-----------------|------------|----------------------|
| 0 | 779 | 779 | Red Bed |
| 779 | 825 | 46 | Red Bed - shells |
| 825 | 1307 | 482 | Anhy-Red Bed |
| 1307 | 1703 | 396 | Salt |
| 1703 | 2136 | 433 | Salt-Anhy. |
| 2136 | 2353 | 217 | Anhy-Gyp |
| 2353 | 2436 | 83 | Anhy-Sd. |
| 2436 | 3006 | 570 | " Gyp |
| 3006 | 3100 | 94 | " - Dolo |
| 3100 | 4175 | 1075 | Dolo-Sand w/tr anhy. |
| | <u>4175' TO</u> | | |

TOPS BY HALLIBURTON M/G-R meas.

| | |
|---------------|-------|
| Top Anhydrite | 720' |
| Top Salt | 840' |
| Base Salt | 1898' |
| Top Yates | 2120' |
| Top 7 Rivers | 2595' |
| Top Queen | 3300' |
| Top Penrose | 3540' |
| Top Grayburg | 3708' |

