

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

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 oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Astec, New Mexico 3/11/53  
(Place) (Date)

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

Pubco Development, Inc. Gage Federal, Well No. 1, in NE  $\frac{1}{4}$  N  $\frac{1}{4}$ ,  
(Company or Operator) (Lease)  
33, Sec. 33, T. 30N, R. 10W, NMPM., Astec FC Pool  
(Unit)  
San Juan County. Date Spudded 10/1/52, Date Completed 11/5/52

Please indicate location:

|  |   |  |  |
|--|---|--|--|
|  | X |  |  |
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|  |   |  |  |

Elevation 6116 Total Depth 2662, P.B. ....

Top ~~oil~~ gas pay 2550 Prod. Form Pictured Cliff

Casing Perforations: ..... or

Depth to Casing shoe of Prod. String 1" 2631

Natural Prod. Test..... BOPD

based on..... bbls. Oil in..... Hrs..... Mins.

Test after acid or shot..... BOPD

Based on..... bbls. Oil in..... Hrs..... Mins.

Gas Well Potential 658 MCP 3 hr. test

Size choke in inches.....

Date first oil run to tanks or gas to Transmission system:.....

Transporter taking Oil or Gas: El Paso Natural Gas Co.

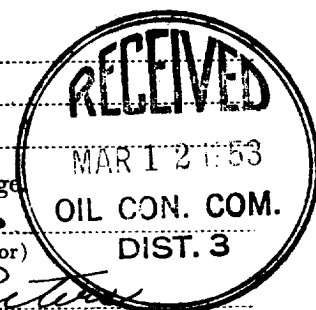
Casing and Cementing Record

Size Feet Sax

|               |             |            |
|---------------|-------------|------------|
| <u>10 3/4</u> | <u>117</u>  | <u>100</u> |
| <u>7"</u>     | <u>2534</u> | <u>125</u> |
| <u>1"</u>     | <u>2631</u> |            |
|               |             |            |

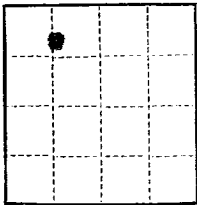
Remarks: Request 100% Gas allowable

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Approved 3-12, 1953 Pubco Development, Inc. OIL CON. COM.  
(Company or Operator) DIST. 3



OIL CONSERVATION COMMISSION  
By: Ernest C Arnold  
Title Oil and Gas Inspector Dist. #3.

By: Charles S. Peterson  
Charles S. Peterson  
Title Geologist  
Send Communications regarding well to:  
Name Pubco Development, Inc.  
Address Box 344, Astec, New Mexico



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Alamogordo  
Lease No. 28 02000  
Unit \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS

|  |  |
|--|--|
| NOTICE OF INTENTION TO DRILL _____   | SUBSEQUENT REPORT OF WATER SHUT-OFF _____  |
| NOTICE OF INTENTION TO CHANGE PLANS _____  | SUBSEQUENT REPORT OF <del>SHOOTING OR COLLAPSE</del> <u>Frac</u> <input checked="" type="checkbox"/> |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____   | SUBSEQUENT REPORT OF ALTERING CASING _____   |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL _____   | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR _____   |
| NOTICE OF INTENTION TO <del>ABANDON WELL</del> <u>Frac</u> <input checked="" type="checkbox"/> | SUBSEQUENT REPORT OF ABANDONMENT _____   |
| NOTICE OF INTENTION TO PULL OR ALTER CASING _____  | SUPPLEMENTARY WELL HISTORY _____   |
| NOTICE OF INTENTION TO ABANDON WELL _____  |  |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 22, 1955

Gage Federal  
Well No. 1 is located 900 ft. from N line and 1600 ft. from E line of sec. 22

NE 1/4 Sec. 22  
(Sec. and Sec. No.)

T1N  
(Twp.)

10W  
(Range)

N.M.P.M.  
(Meridian)

Astec FC  
(Field)

San Juan  
(County or Subdivision)

New Mexico  
(State or Territory)

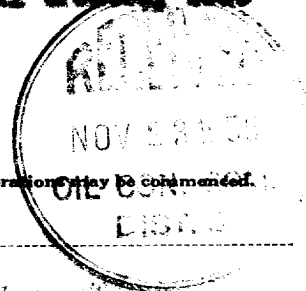
The elevation of the derrick floor above sea level is 6110 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

**FRAC SCHEDULE: October 25, 1955.**

Moved in cable tool rig. Tubing stuck. Pulled tubing apart 2 Jts from surface. Fished and recovered balance of tubing string. Cleaned out to 2000'. Fraced w/ 15000 gal of 30° API crude. 17000 gal sand, using 4 heavy trucks. Injection rate 44.4 BPM. Elapsed 1200 min. Injection pressure, 600 psi. Reran 125 Jts of 1" tubing to 2000' from EB and recompleted well. Well on production after frac, 11-5-M. Production before frac, 88 MCFD. Production on November 16, 1955, 12 days after frac, 475 MCFD. Interval treated, 2000' to 2022'.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company FUSCO DEVELOPMENT, INC.

Address 107 West Chase

Astec, New Mexico

By H. E. Maxwell, Jr.

Title Supt. Prod. Dept.

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

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 oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Artec, N.M.

12-28-55

(Place)

(Date)

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

PUBCO DEVELOPMENT INC.

Gas Fed.

Well No. 1

in N.E. 1/4

SW 1/4

(Company or Operator)

(Lease)

C

Sec. 55

T. 50 N

R. 19 W

NMPM, Artec Pictured Cliffs

Pool

(Unit)

San Juan

County. Date Spudded 10-1-52

Date Completed 11-5-52

Please indicate location:

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Elevation 6116 Total Depth 2662 P.B.

Top ~~oil~~ gas pay 2550 Name of Prod. Form Pictured Cliff

Casing Perforations: or

Depth to Casing shoe of Prod. String 7" set at 2534

Natural Prod. Test BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot BOPD

Based on bbls. Oil in Hrs. Mins.

Initial Potential original completion 658 MCFD

Gas Well Potential 487 Deliverability to line after workover

Size choke in inches 2" open

Date first oil run to tanks or gas to Transmission system: July 31-55

Transporter taking Oil or Gas: El Paso Natural Gas

Casing and Cementing Record

Size Feet Sax

|        |      |      |
|--------|------|------|
| 10 3/4 | 117  | 100  |
| 7"     | 2534 | 125  |
| 1"     | 2589 | K.B. |
|        |      |      |

Remarks: Frac Workover Oct. 26, 1955. Frac w/15900 gal. 35° API gravity crude. 17,000 sand. 4 Hovos trucks injection rate 42.4 BPM Breakdown 1200%. Injecting pressure 800%. Well on production after frac 11-3-55. Ave. Prod. before frac 52 MCFD. New deliverability shows 487 MCFD. Form C-122A submitted 12-24-55.

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

Approved DEC 29 1955, 19

PUBCO DEVELOPMENT INC. (Company or Operator)

By: N. E. Maxwell Jr. (Signature)

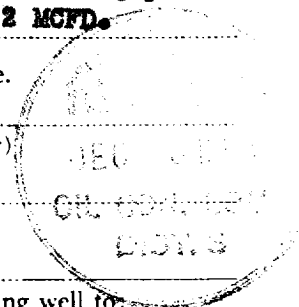
Title: Supt. Prod. Dept. Send Communications regarding well to:

Name: Pubco 207 W. Chaco Artec N.M.

Address

OIL CONSERVATION COMMISSION

By: A. R. Kendrick  
Title: PETROLEUM ENGINEER DIST. NO. 3



OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies Received 4

DISTRIBUTION

|                   | NO.<br>FURNISHED |   |
|-------------------|------------------|---|
| Operator          | 4                |   |
| Santa Fe          | 1                |   |
| Proration Office  | 1                |   |
| State Land Office |                  |   |
| U. S. G. S.       |                  |   |
| Transporter       |                  |   |
| File              | 1                | ✓ |