

DUPLICATE

NEW MEXICO
OIL CONSERVATION COMMISSION
Back Pressure Data Sheet

RECEIVED

Form C-122

OCT 29 1951

OIL CONSERVATION COMMISSION
HOBBS-OFFICE

Pool: Bunice Date: 10-21-51

Company: The Atlantic Ref. Co. Lease: State "X" Well No. 2

County: Lea Sec. 6 Twp. 21S Rge. 36E Loc. NE 1/4 of SW 1/4

4.892" ID casing set @ 3770' ; 2.441" ID tubing 2.875" OD tubing set @ 2966'

Pay zone from 2970' to 3120'; Separator gas gr. 0.700 Barometer rdg. 13.0 PSI

Reservoir temperature 573 ° Produced through: csg. _____ tbg. X

Average gas/liquid ratio during test: _____ Cu. ft. /bbl. gravity of liquid _____ ° API

Size of meter run or prover: 2" critical flow prover

OBSERVED DATA

Wellhead shut-in pressure, P_w Casing Packer Tubing 1170 PSIA

Run No.	Orifice Size	Orifice x Line	Meter Pressures		Orifice Plate Coefficient C Flg. tap _____ Pipe tap _____	Wellhead Pr.		Flowing Temp.	
			Static P_m Abs.	Diff. h_w		Casing P_{wc} Abs.	Tubing P_{wc} Abs.	Meter	Wellhead Prover
1	1/16				0.0846		1127		69
2	3/32				0.1863		1072		70
3	1/8				0.3499		1013		68
4	1/4				1.4360		633		65

DATA FOR PLOTTING CURVE $P_s^2 = 1654$

Run No.	Delivery Rate in MCF per 24 hours (Q)	$P_f^2 - P_s^2$ (thousands)
1	101	126
2	211	273
3	371	420
4	915	1167
5		

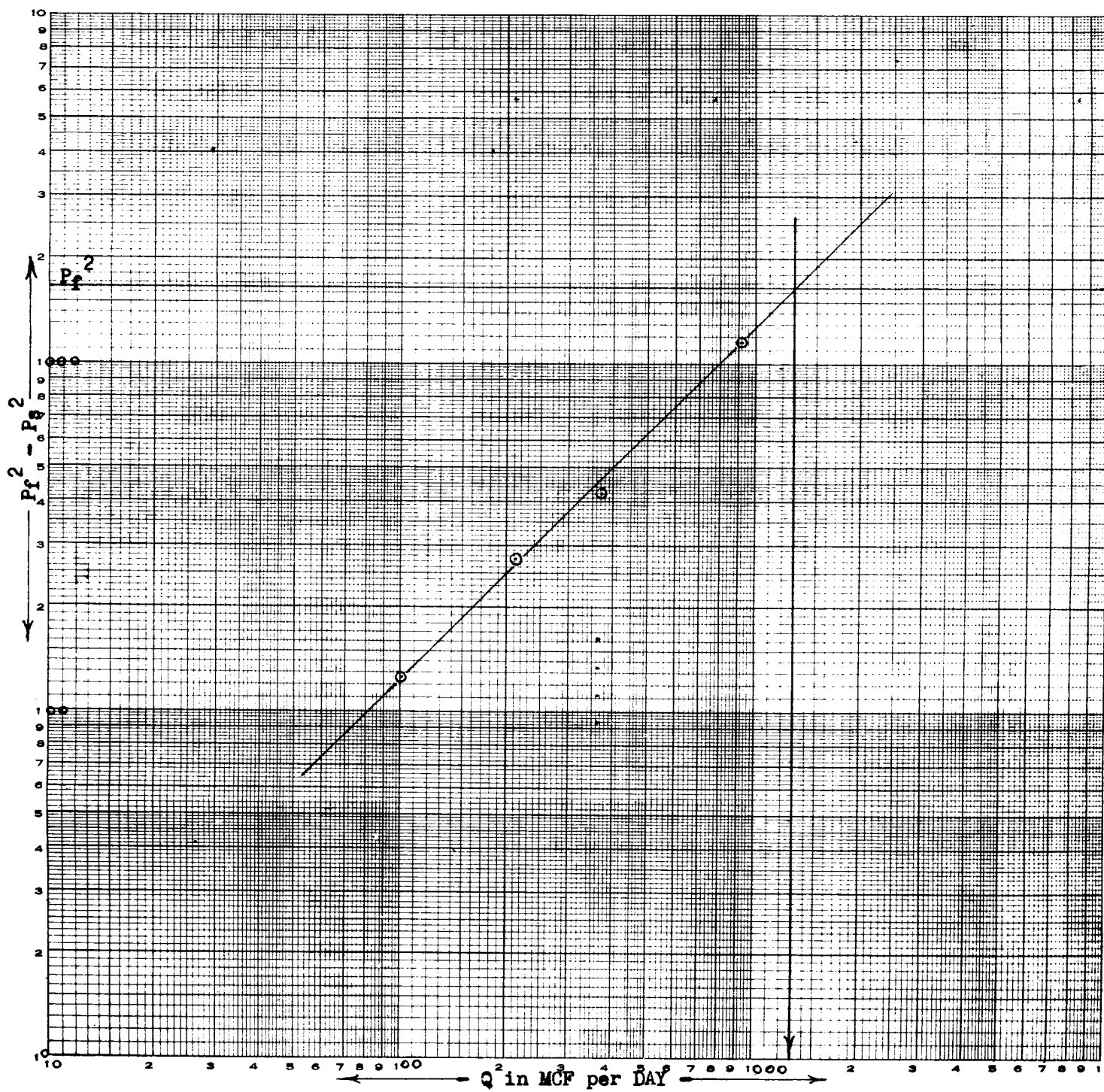
Absolute Open Flow 1,300 MCF

CERTIFICATION: I hereby swear or affirm that, to the best of my knowledge, the information given above is true and correct.

Name: L. C. Hudry Position: District Engineer

Company: The Atlantic Refining Co. Address: Box 1038, Denver City, Texas

Please plot curve on back



It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed oil or gas well.

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND GAS

RECEIVED
NOV - 1 1951
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

Company or Operator The Atlantic Refining Company Lease State "K"
Address Box 1000, Denver City, Texas P. O. Box 2010, Dallas 1, Texas
(Local or Field Office) (Principal Place of Business)
Unit 8 Wells No. 2 Sec. 6 T. 21-S R. 36-E Pool Eunice County Leon
Kind of Lease State Land Location of Tanks 1200' FWL & 1000' FWL of Sec. 8
Transporter Phillips Petroleum Company Address of Transporter Box 6000, Odessa, Texas
(Local or Field Office)
Partlowville, Oklahoma Percent of oil to be transported 100 Other transporters authorized
(Principal Place of Business)
to transport oil from this unit are None %

REMARKS:

This C-110 is filed for the transporting of Natural Gas. Connection is at well-head and not at tank battery.

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 31st day of October, 1951

THE ATLANTIC REFINING COMPANY

(Company or Operator)

By

District Superintendent

Title

Approved: Nov - 1 -, 1951

OIL CONSERVATION COMMISSION

By

Oil & Gas Inspector

(See Instructions on Reverse Side)

Gentlemen:

Following is a notice of intention to do certain work as described below at the The Atlantic Refining Company State K Well No. 2 in SE/4 of Sec. 8, T. 21-S, R. 36-E, N. M. P. M., Eunice Monument Field. County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

This well was completed July 2, 1936 at a total depth of 3856' in the Grayburg. In Sept., 1940 the well was plugged back to 3846' and in June, 1947 the well was plugged back to 3807'. It is proposed to set a retainer in the casing at 3600' and recompleat as a Yates gas well in the approximate interval 2900'-3250'.

INSTRUCTIONS

Form C-110

This form shall be executed and filed in quadruplicate with the District Office of the Oil Conservation Commission, covering each unit from which oil or gas is produced. A separate certificate shall be filed for each transporter authorized to transport oil or gas from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one proration period, the operator shall in lieu of filing a new certificate, notify the Oil Conservation Commission District Office, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil or gas to be moved by the transporter temporarily moving oil or gas from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil or gas than the estimated amount shown in said notice.

This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil or gas from the property named therein and shall remain in full force and effect until

- (a) Operating ownership changes
- (b) The transporter is changed or
- (c) The permit is cancelled by the Commission.

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil or gas,

previ

separate r
Con

g unit