

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
(Revised 7/1/52)

REQUEST FOR (OIL) - (GAS) ALLOWABLE

Workover
~~Drilldown~~
~~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-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.

Farmington, New Mexico
(Place)

May 1, 1957
(Date)

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

Petroleum Corporation, Heath Gas Unit "B"
(Company or Operator)

Well No. 1, in SW $\frac{1}{4}$ NE $\frac{1}{4}$,

G

Unit Letter

Sec. 9, T. 29-N, R. 9W, NMPM., Blanco Mesaverte Pool

San Juan

County. Date Workover Started
4/13/57

Date Completed 4/28/57

Please indicate location:

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

Elevation 5751 Total Depth 4690, P.B. 4672

Top oil/gas pay 3880 Name of Prod. Form Mesaverte

Casing Perforations: See below or

Depth to Casing shoe of Prod. String 3880'

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 5100 MCFPD Preliminary Test

Size choke in inches 2" Outlet.

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

Transporter taking Oil or Gas: El Paso Natural Gas Company

Section 9

Casing and Cementing Record
Size Feet Sax

9-5/8"	261	190
7"	3892	320
5"	965'	200
2-3/8"	4652	

Remarks: Includes 965' of 5" OD 4.408" ID 15# casing liner. 4652' of 2-7/8" OD 1.995" ID 4.7# tubing. Set liner from 3717 to 4682 with 200 sacks cement perforated with 2 shots per foot 4442-54, 4464-82, 4544-74, 4582-4618, 4626-52, 4660-66 fracked with 50,000 Gallons water, 70,000# sand injection rate 50.8 BPM. Perforated with 2 shots per foot (See Reverse Side)

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

Approved MAY 6 1957, 19.

Pan American Petroleum Corporation
(Company or Operator)

By: [Signature]
(Signature)

Title Field Clerk
Send Communications regarding well to:

Name L. O. Speer, Jr.

Address Box 487, Farmington, New Mexico

OIL CONSERVATION COMMISSION

By: [Signature]
Title Supervisor Dist. # 3

3956-76, 3988-4006, 4026-42, 4056-4100, 4162-74, 4222-34, 4314-26, 4352-4406. Fracked with 40,000 gallons water and 50,000# sand. Injection rate 56 BPM. Preliminary test 5100 MCFPD.

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received	4	
DISTRIBUTION		
Owner	✓	
State	✓	
Production	✓	
State Land Office		
U. S. G. S.		
Transporter		
File	✓	✓

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Pan American Petroleum Corporation Lease Heath Gas Unit "B"

Well No. 1 Unit Letter G S 9 T29N R9W Pool Blanco-Mesaverde

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

If well produces oil or condensate, give location of tanks: Unit G S 9 T 29N R 9W

Authorized Transporter of Oil or Condensate El Paso Natural Gas Products Co. (by Contract Truck)

Address Box 1565, Farmington, New Mexico
(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 ()

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

Change in Ownership () Other Temporary Change in Condensate Transporter (X)

Remarks: _____
(Give explanation below)

Temporary change in transporter is being filed to sell approximately 80 barrels of condensate to El Paso Natural Gas Products Company because of Four States-Western Oil Company's inability to purchase condensate due to lack of storage facilities at refinery. This is a temporary arrangement and will not effect permanent agreement with Four States-Western Oil Refining Company as per Form C-110 filed March 1, 1957.

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

Executed this the 26th day of February 19 58

ORIGINAL SIGNED BY
By D. J. COFF

Approved FEB 28 1958 19 58

Title Field Clerk

OIL CONSERVATION COMMISSION

Company Pan American Petroleum Corporation

By Original Signed Emery C. Arnold

Address Box 487, Farmington, New Mexico

Title Supervisor Dist. # 3

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received <input checked="" type="checkbox"/>		
DISTRIBUTION		
Transporter		
File		

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Pan American Petroleum Corporation Lease Heath Gas Unit "B"

Well No. 1 Unit Letter G S 9 T 29N R 9W Pool Blanco Mesaverde

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

If well produces oil or condensate, give location of tanks: Unit G S 9 T 29N R 9W

Authorized Transporter of Oil or Condensate Four States Western Oil Refining Company

Address Box 1877, Farmington, New Mexico
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas _____

Address _____ Date Connected _____
(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 _____ ()

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

Change in Ownership _____ () Other _____ ()
(Give explanation below)

Remarks:

Purchaser will take delivery of condensate at well and truck to refinery effective April 1, 1960.

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

Executed this the 28th day of March 19 60

Original signed by
G. L. HIGHTON

By _____

Approved MAR 29 1960 19 _____

Title Area Clerk

OIL CONSERVATION COMMISSION

Original Signed By
By A. R. KENDRICK

Company Pan American Petroleum Corporation

Address Box 487

Title PETROLEUM ENGINEER DIST. NO. 3

Farmington, New Mexico

Attn: L. O. Speer, Jr.

OIL CONSERVATION	
PETROLEUM	
No. Copies	5
Operator	
Santa Fe	
Preparation Office	
State Land Office	
U. S. G. S.	
Transporter	
File	

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Pan American Petroleum Corporation Lease Heath Gas Unit "B"
Well No. 1 Unit Letter G S 9 T 29-N R 9-W Pool Blanco Mesaverde

County San Juan Kind of Lease (State, Fed. or Patented) Federal
If well produces oil or condensate, give location of tanks: Unit G S 9 T 29-N R 9-W
Authorized Transporter of Oil or Condensate Beeline Refining Company

Address Box 1877, Farmington, New Mexico
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas _____
Address _____ Date Connected _____
(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 ()
Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate (X)
Change in Ownership () Other (X)
Remarks: _____
(Give explanation below)

To report change in name of Four States Western Oil Refining Company to Beeline Refining Company effective June 1, 1960.

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

Executed this the 16th day of June 19 60

Approved _____ 19 _____

OIL CONSERVATION COMMISSION

By Original Name of Operator

Title _____

By _____
Title Area Clerk

Company Pan American Petroleum Corporation

Address Box 480, Farmington, New Mexico

Attn: L. O. Speer, Jr.

ORIGINAL SIGNED BY
G. L. Hamilton
JUN 24 1960
OIL CON. COM.
DIST. 3

STATE OF NEW MEXICO
OIL COMMISSION
FUEL DISTRICT OFFICE

NUMBER OF COPIES RECEIVED _____ N _____

DATE _____

FILE NO. _____

TRANSPORTATION _____

REGISTRATION _____

TOTAL _____

CHECKED BY _____

APPROVED BY _____

Eff. 2-1-71, Corp.
Pan American Petro. Corp.
has changed its name to
AMOCO PROD. CO.

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Pan American Petroleum Corporation Lease Heath Gas Unit WPA

Well No. 1 Unit Letter G S 9 T 29N R 9W Pool Blanco Mesaverte

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

If well produces oil or condensate, give location of tanks: Unit G S 9 T 29N R 9W

Authorized Transporter of Oil or Condensate Plataan, Inc.

Address Box 567, Bloomfield, New Mexico

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

Authorized Transporter of Gas El Paso Natural Gas Company

Address Box 990, Farmington, New Mexico Date Connected _____

(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:

Eff. 2-1-71, Corp.
Pan American Petro. Corp.
has changed its name to
AMOCO PROD. CO.

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

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

Change in Ownership () Other ()

Remarks: (Give explanation below)

This is to report change in transporter from Beeline Refining Company to Plataan, Inc. effective April 1, 1961.

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

Executed this the 10th day of March 19 61

ORIGINAL SIGNED BY
L. R. TURNER

By _____

Approved MAR 13 1961 19 _____

Title Administrative Clerk

OIL CONSERVATION COMMISSION

Company Pan American Petroleum Corporation

By Original Signed Emery C. Arnold

Address Box 480

Title Supervisor Dist. # 3

Farmington, New Mexico

Attn: L. O. Speer, Jr.

STATE OF TEXAS		COUNTY OF	
OIL COMPANY		NO.	
NAME OF		DATE	
NUMBER OF		5	
SANTA FE			
FILE			
U.S.G.S.			
LAND OFF.			
TRANSPORT	OIL		
	GAS		
PRODUCTION			
OPERATOR			

Current Records:

Change To:

BLANCO MESAVERDE POOL Cont:

Cole Gas Unit A #1	K-15-29-9	Cole Gas Com A #1
Ealum Gas Unit #1	H-33-32-10	Ealum Gas Com #1
Elliott Gas Unit A #1	D-14-29-9	Elliott Gas Com A #1
Elliott Gas Unit B #1	K-13-29-9	Elliott Gas Com B #1
Elliott Gas Unit C #1	G-9-30-9	Elliott Gas Com C #1
Elliott Gas Unit D #1	N-9-30-9	Elliott Gas Com D #1
Elliott Gas Unit E #1	A-34-30-9	Elliott Gas Com E #1
Elliott Gas Unit F #1	A-33-30-9	Elliott Gas Com F #1
Elliott Gas Unit G #1	N-33-30-9	Elliott Gas Com G #1
Elliott Gas Unit H #1	B-26-30-9	Elliott Gas Com H #1
Federal Gas Unit 1 #1	H-20-32-12	Federal Gas Com 1 #1
Gerk Gas Unit #1	B-30-29-9	Gerk Gas Com #1
Gutierrez Gas Unit #1	B-4-29-9	Gutierrez Gas Com #1
Heath Gas Unit B #1	G-9-29-9	Heath Gas Com B #1
Heath Gas Unit C #1	L-30-39-9	Heath Gas Com C #1
Heath Gas Unit D #1	G-8-29-9	Heath Gas Com D #1
Heath Gas Unit E #1	N-8-29-9	Heath Gas Com E #1
Holmberg Gas Unit #1	B-28-32-10	Holmberg Gas Com #1
Houck Gas Unit A #1	G-6-29-9	Houck Gas Com A #1
Jaquez Gas Unit A #1	G-5-29-9	Jaquez Gas Com A #1
Jaquez Gas Unit B #1	K-4-29-9	Jaquez Gas Com B #1
Jaquez Gas Unit C #1	O-6-29-9	Jaquez Gas Com C #1
Keys Gas Unit A #1	K-27-32-10	Keys Gas Com A #1
Leeper Gas Unit #1	L-34-32-10	Leeper Gas Com #1
Likins Gas Unit A #1	M-34-30-9	Likins Gas Com A #1
Lobato Gas Unit A #1	K-3-29-9	Lobato Gas Com A #1
Marcotte Gas Unit #1	H-5-31-10	Marcotte Gas Com #1
McCoy Gas Unit A #1	H-18-31-10	McCoy Gas Com A #1
McEwen Gas Unit #1	N-5-31-10	McEwen Gas Com #1
Navajo Allotted Gas Unit A #1	B-25-28-9	Navajo Allotted Gas Com A #1
Navajo Allotted Gas Unit B #1	H-36-28-9	Navajo Allotted Gas Com B #1
Nye Gas Unit #1	H-7-29-9	Nye Gas Com #1
Ridenour Gas Unit #1	H-13-31-11	Ridenour Gas Com #1
Sammons Gas Unit A #1	B-6-31-10	Sammons Gas Com A #1
Sammons Gas Unit B #1	A-18-29-9	Sammons Gas Com B #1
Sandoval Gas Unit A #1	B-35-30-9	Sandoval Gas Com A #1
Schneider Gas Unit #1	L-28-32-10	Schneider Gas Com #1
Shane Gas Unit #1	J-14-29-9	Shane Gas Com #1
Shaw Gas Unit #1	B-14-30-9	Shaw Gas Com #1
Snyder Gas Unit #1	G-19-29-9	Snyder Gas Com #1
Sullivan Gas Unit #1	M-22-32-10	Sullivan Gas Com #1
Sullivan Gas Unit B #1	B-21-32-10	Sullivan Gas Com B #1
Ulibarri Gas Unit #1	N-35-30-9	Ulibarri Gas Com #1
Uptegrove Gas Unit #1	L-33-32-10	Uptegrove Gas Com #1
USA Stanolind A #1	A-29-31-12	Stanolind A #1
Usselman Gas Unit #1	B-4-31-10	Usselman Gas Com #1
Valencia Gas Unit #1	J-18-29-9	Valencia Gas Com #1
Wallace Gas Unit #1	H-35-31-11	Wallace Gas Com #1

FULCHER KUTZ PICTURED CLIFFS POOL:

Hubbell Gas Unit #1	K-29-28-10	Hubbell Gas Com #1
Pipkin #1	A-36-28-11	E.H. Pipkin #1
Pipkin #3	I-12-27-11	E.H. Pipkin #3
Pipkin #4	A-1-27-11	E.H. Pipkin #4

AZTEC FRUITLAND POOL:

Abrams Gas Unit D #1	I-29-29-10	Abrams Gas Com D #1
Gonzales Gas Unit A #1	I-20-29-10	Gonzales Gas Com A #1
Keys Gas Unit C #1	N-29-29-10	Keys Gas Com C #1

cc:

OCC - Santa Fe
FileU.S.G.S.
Operator

El Paso Nat'l Gas Co.
Southern Union Gas Co.
Southern Union Gathering
Pan American Pipeline Co.
Plateau, Inc.
Shell Oil Company
Four Corners Pipeline
Graves Oil Company
Basin Pipeline Co.
Transwestern Tankers

APPROVED PAN AMERICAN PETROLEUM CORPORATION
Effective March 1, 1966

BY

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COMES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.A.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator
Amoco Production Company

Address
501 Airport Drive Farmington, NM 87401

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	Other (Please explain)
<input type="checkbox"/> Recombination	<input type="checkbox"/> Oil	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Costinghead Gas	<input checked="" type="checkbox"/> Condensate

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Heath Gas Com. B</u>	Well No. <u>1</u>	Pool Name, including Formation <u>Blanco Mesaverde</u>	Kind of Lease State, Federal or Fee <u>Federal</u>	Lease No. <u>91001902</u>
Location Unit Letter <u>G</u> : <u>1650</u> Feet From The <u>North</u> Line and <u>1650</u> Feet From The <u>East</u>				
Line of Section <u>9</u> Township <u>29N</u> Range <u>9W</u> , NMPL: <u>San Juan</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Permian Corp. Permian (Eff. 9/1/87)</u>	<u>P. O. Box 1702 Farmington, NM 87499</u>
Name of Authorized Transporter of Costinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>El Paso Natural Gas Company</u>	<u>P. O. Box 990 Farmington, NM 87401</u>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit <u>G</u> Sec. <u>9</u> Twp. <u>29N</u> Rge. <u>9W</u>	

If this production is commingled with that from any other lease or pool, give commingling order number: _____

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

(Signature)
B.D. Shaw
Admin. Supervisor

(Title)
1-2-85

(Date)

OIL CONSERVATION DIVISION

APPROVED

BY

TITLE

Charles Shotton
DEPUTY OIL & GAS REG. COORD. DIST. #3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.