

October 23, 1958

*Pan American Petroleum Company
Box 487
Farmington, New Mexico*

Attn: Mr. L. O. Speer

Gentlemen:

*You are hereby granted authority to produce Pan American #1 Houck
Gas Unit, G-6-29N-9W, between the dates of October 24 and November 14,
1958 in order to secure a State Deliverability Test.*

*Upon completion of the test the well should remain shut in until released
by the Commission.*

Yours very truly

*Emery C. Arnold
Supervisor, District #3*

ECA:ks

*cc: Mr. A. L. Porter
OCC, Santa Fe, N.M.*

*Mr. W. M. Rodgers
EPNG, Farmington, N.M.*

October 23, 1958

Pan American Petroleum Company
Box 482
Washington, New Mexico
Attn: Mr. L. O. Spear

Gentlemen:

You are hereby granted authority to produce Pan American #1 Horok
Gas Unit, G-6-SM-9K, between the dates of October 24 and November 14,
1958 in order to secure a State Reliability Test.
Upon completion of the test the well should remain shut in until released
by the Commission.

Yours very truly

Emery C. Arnold
Superintendent, District #3

EOA:ke

cc: Mr. A. L. Foster
CC, Santa Fe, N.M.
Mr. W. M. Rogers
KMO, Washington, N.M.

PAN AMERICAN PETROLEUM CORPORATION

Box 487, Farmington, New Mexico
October 21, 1958

File: B-2362-400.1

Subject: Request for Permission to
Produce Shut-In Gas Well
Houck Gas Unit No. 1

Mr. E. C. Arnold (2)
New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Astec, New Mexico

Dear Sir:

The New Mexico Oil Conservation Commission ordered Pan American Petroleum Corporation's Houck Gas Unit No. 1, Unit G-6-29-9, Blanco Mesaverde Field, shut in effective October 1, 1958, until further notice due to non-curtailment of overproduction. This was by Gas Supplement No. SF 487.

The Houck Gas Unit No. 1 has subsequently been scheduled for annual deliverability test to start the conditioning period October 24, 1958. Inasmuch as an annual test has not been obtained on this well during the current year, it is respectfully requested that permission be granted by the Commission to initiate production on the above date in order to conduct the annual deliverability test on Houck Gas Unit No. 1.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION

ORIGINAL SIGNED BY

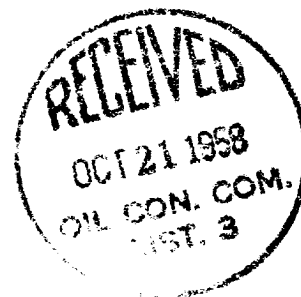
L. O. Speer, Jr.

L. O. Speer, Jr.

Field Superintendent

RMB:ep

cc: El Paso Natural Gas Company
Attention: Mr. W. M. Rodgers



COPY

PAN AMERICAN PETROLEUM CORPORATION

Box 487, Farmington, New Mexico
October 11, 1938

File: H-388-1011

Subject: Request for permission to
produce gas-in gas well
North Gas Unit No. 1

Mr. J. C. Smith (S)
New Mexico Oil Conservation Commission
1000 Rio Alamo Road
Albuquerque, New Mexico

Dear Sir:

The New Mexico Oil Conservation Commission ordered Pan
American Petroleum Corporation's North Gas Unit No. 1, Unit 0-
a-38-2, closed November 1st, and in effective October 1, 1938,
until further notice due to non-compliance of overproduction.
This was by Gas Supplement No. 38 487.

The North Gas Unit No. 1 has subsequently been scheduled
for annual deliverability test to start the conditioning period
October 24, 1938. Inasmuch as an annual test has not been obtained
on this well during the current year, it is respectfully requested
that permission be granted by the Commission to initiate production
on the above date in order to conduct the annual deliverability test
on North Gas Unit No. 1.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION

ORIGINAL FILED IN
L. O. 388-1011
L. O. 388-1011
Field Representative

WJH:ep

cc: El Paso Natural Gas Company
Attention: Mr. W. H. Rodgers



COPY

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 Houck Gas Unit

Well No. 1 Unit Letter C S 6 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 6 S 6 T 29N R 9W

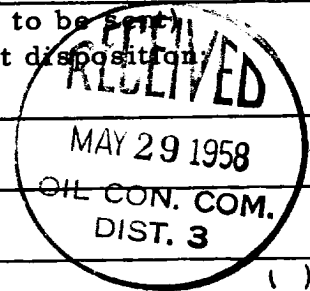
Authorized Transporter of Oil or Condensate El Paso Natural Gas Products Company
(by Contract Truck)

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 ()
Temporary Change in

Change in Ownership _____ () Other Condensate Transporter (x)
(Give explanation below)

Remarks:
Temporary change in transporter is being filed to sell 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 28th day of May 19 58

ORIGINAL SIGNED BY
D. J. SCOTT

By _____

Approved _____ 19 _____

Title Field Clerk

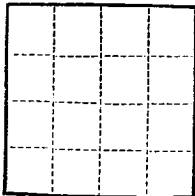
OIL CONSERVATION COMMISSION

Company Pan American Petroleum Corporation

By Original Signed Emery C. Arnold

Address Box 467, Farmington, New Mexico

Title _____



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Santa Fe
Lease No. 077092-D
Unit MOCK GAS 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 SHOOTING OR ACIDIZING.....
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 SHOOT OR ACIDIZE.....	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)

Farrington, New Mexico Dec. 7, 1956Well No. 1 is located 1670 ft. from [N] line and 1670 ft. from [E] line of sec. 6NE 1/4 of Section 6
(1/4 Sec. and Sec. No.)T-29-N
(Twp.)R-9-W
(Range)NMPN
(Meridian)Blanco-Monverde
(Field)San Juan
(County or Subdivision)New Mexico
(State or Territory)The elevation of the derrick floor above sea level is 5676 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)

On October 29, 1956, rig was moved on and workover operations began. Stuck tubing was cut in two at 3948' and fish was recovered on 11/2/56. Well was then cleaned out to total depth with gas and 5" liner set with 275 sacks cement from 4691' to 3652'. After waiting on cement for 24 hours, casing and water shut off were tested but did not hold. Top of liner was recomputed with 100 sacks pumped in under 1000 lbs. pressure. After waiting on cement another 24 hours, casing and water shut off were tested with 1000 lbs. pressure for 30 minutes with no drop in pressure. Completion operations commenced. Perforated with 2 jet shots per foot 4406-26, 4452-70, 4500-70. Attempted sand free, formation would not break down. Acidized with 1000 gallons HCl 15% acid pumped in at 2500 lbs. Well was then sand-water fracked with 60,000 lbs. sand and 49,078 gallons water; pressure broke at 2250 lbs; average injection rate 52.9 bbls. per minute. Perforated with 2 jet shots per foot 3854-64, 3874-66, 3906-22, 3940-66, 4054-70, 4188-4203. Set bridge plug at 4250' and sand-water fracked with 27,000 gallons water and 25,000 lbs. sand. Average injection rate 41 bbls. per minute. Tubing landed at 4691'. Preliminary test after workover was 1,668 MCF per day.

Company STANOLIND OIL AND GAS COMPANYAddress BOX 487FARRINGTON, NEW MEXICOORIGINAL SIGNED BY
L. O. Speer, Jr.

By

Title Field Superintendent

