

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

(Form C-104)  
Revised 7/1/57

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

**Farmington, New Mexico September 9, 1959**

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS: **Pan American Petroleum Corporation USA Hargrave "H"**, Well No. **1**, in **NW NE** 1/4, 1/4,

(Company or Operator)

(Lease)

**B**, Sec **9**, T. **27N**, R. **10W**, NMPM., **Angels Peak Dakota** Pool  
Unit Letter  
**San Juan**

County. Date Spudded **8-13-59** Date Drilling Completed **8-25-59**  
Elevation **6080 (GL)** Total Depth **6600** FBTD **6564**

Please indicate location:

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

Top ~~Gas~~ Pay **6457** Name of Prod. Form. **Dakota**

PRODUCING INTERVAL -

Perforations **Two shots per foot 6461-6499**

Open Hole **---** Depth **6600** Depth **6445**  
Casing Shoe **---** Tubing

OIL WELL TEST -

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

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): \_\_\_\_\_ bbls. oil, \_\_\_\_\_ bbls water in \_\_\_\_\_ hrs, \_\_\_\_\_ min. Size \_\_\_\_\_ Choke

GAS WELL TEST -

Natural Prod. Test: \_\_\_\_\_ MCF/Day; Hours flowed \_\_\_\_\_ Choke Size \_\_\_\_\_

**Tubing, Casing and Cementing Record**

Size	Feet	Sax
8-5/8"	355	225
4-1/2"	6623	750
2-3/8"	6467	

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: **4261** MCF/Day; Hours flowed **4-1/2 hours**

Choke Size **2"** Method of Testing: **Pitot Tube Measurement**

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): **50,000 gallons water, 50,000 pounds sand (250 gallons MCA)**

Casing \_\_\_\_\_ Tubing \_\_\_\_\_ Date first new \_\_\_\_\_  
Press. \_\_\_\_\_ Press. \_\_\_\_\_ oil run to tanks \_\_\_\_\_

Oil Transporter **Unknown**

Gas Transporter **Southern Union Gas Company**

Remarks: **Completed as shut in gas well Angels Peak Dakota field September 6, 1959. Preliminary test September 6, 1959, 4261 MCFPD. Includes 6395' of 4-1/2" OD, 4.090" ID, 9.5 pound casing and 228' of 4-1/2" OD, 4.000" ID, 11.6 pound casing and 6467' of 2-3/8" OD, 1.995" ID, 4.7 pound tubing.**

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

Approved: **SEP 10 1959**, 19\_\_\_\_

**Pan American Petroleum Corporation**

(Company or Operator)

ORIGINAL SIGNED BY

By: **C. L. Hamilton**  
(Signature)

**Area Clerk**

**OIL CONSERVATION COMMISSION**

**Original Signed By**

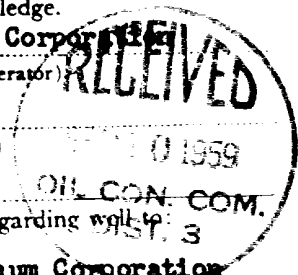
By: **A. R. KENDRICK**

Title **PETROLEUM ENGINEER-DIST. NO. 3**

Title **Send Communications regarding well to:**

Name **Pan American Petroleum Corporation**

Address **Box 487, Farmington, New Mexico**  
**Attn: L. O. Speer, Jr.**



**OIL CONSERVATION COMMISSION**

**AZTEC DISTRICT OFFICE**

## 2.2. Case - Description

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## CONCLUSION

NO.		
NAME		
DATE		
TIME		
PLACE		
REMARKS		
TRANSPORTER		
FILE		