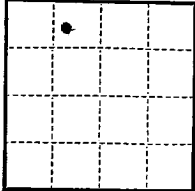


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_  
**Allotted**  
Allottee **Ukayahwood**  
**14-20-609-1412**  
Lease No. \_\_\_\_\_



**SUNDRY NOTICES AND REPORTS ON WELLS**

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	AUG 22 1957
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING 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)

**Ukayahwood**

**Farmington, New Mexico August 21, 19 57**

Well No. **1** is located **660** ft. from **[N]** line and **1900** ft. from **[W]** line of sec. **18**

**NW 1/4 of Section 18**  
(1/4 Sec. and Sec. No.)

**T-26-N**  
(Twp.)

**R-11-W**  
(Range)

**N.M.P.M.**  
(Meridian)

**Undesignated**  
(Field)

**San Juan**  
(County or Subdivision)

**New Mexico**  
(State or Territory)

The elevation of the derrick floor above sea level is **6060** ft.

**DETAILS OF WORK**

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

On August 7, 1957, 5-1/2" casing was set at 5240' with 80 sacks of cement followed by 100 sacks. Casing and water shut off were tested with 2600 pounds pressure for 15 minutes and held with no drop in pressure.

On August 12, 1957, the following formations were perforated with four shots per foot 5120-74. The well was then sand-oil fracked with 50,000 pounds sand and 50,000 gallons oil. Formation broke at 2500 pounds pressure. Average injection rate 46 barrels per minute. Flowed 238 barrels in 2 1/2 hours on 16/64" choke. Upper zone was perforated with four shots per foot 5004-5096. Then sand-oil fracked with 50,000 gallons oil and 50,000 pounds sand. Average injection rate 44 barrels per minute. Well flowed 50 barrels in 3-1/2 hours.

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

Company **Pan American Petroleum Corporation**

Address **Box 487**

**Farmington, New Mexico**

By **[Signature]**

Title **Field Clerk**



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 19, 1957  
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS: Pan American Petroleum Corporation Unkayahwood, Well No. 1, in NE  $\frac{1}{4}$  NW  $\frac{1}{4}$ ,  
(Company or Operator) (Lease)  
C, Sec. 18, T. 26N, R. 11W, NMPM., Undesignated Gallup Pool  
Unit Letter

San Juan County. Date Spudded 7/16/57 Date Drilling Completed 8/7/57  
Please indicate location: Elevation 6061 (GL) Total Depth 5240' PBDT 5197

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

Top Oil/Gas Pay 500' Name of Prod. Form. Gallup

PRODUCING INTERVAL -

Perforations Four shots per foot 5120-74.

Open Hole — Depth 5240 Casing Shoe 4985 Depth Tubing 4985

OIL WELL TEST -

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

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 117 bbls. oil, 0 bbls water in 24 hrs, 0 min. Choke Size 18/64"

GAS WELL TEST -

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

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

Test After Acid or Fracture Treatment: — MCF/Day; Hours flowed —

Choke Size — Method of Testing: —

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 100,000 pounds sand & 100,000 gallons oil  
Casing — Tubing — Date first new —  
Press. — Press. — oil run to tanks —

Oil Transporter El Paso Natural Gas Products Co. (by Contract Truck)

Gas Transporter none

Remarks: Includes 5240' of 5-1/2" OD, 5.012" ID, 14 pound casing and 4985' of 2-3/8" OD, 1.995" ID, 4.7# tubing. Preliminary test 117 barrels per day, oil gravity 39.8 API.

I hereby certify that the information given above is true and complete to the best of my knowledge. SEP 20 1957  
Approved: SEP 20 1957, 19..... Pan American Petroleum Corporation  
(Company or Operator)

OIL CONSERVATION COMMISSION

By: Original Signed Emery C. Arnold

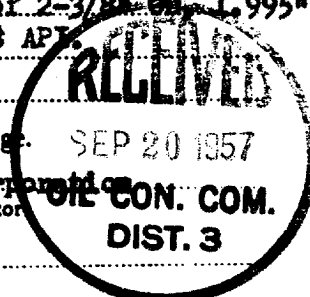
Title Supervisor Dist. # 3

By: ORIGINAL SIGNED BY  
D. J. SCOTT (Signature)

Title Field Clerk  
Send Communications regarding well to:

Name Pan American Petroleum Corporation

Address Box 487, Farmington, New Mexico



AZTEC DISTRICT OFFICE

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