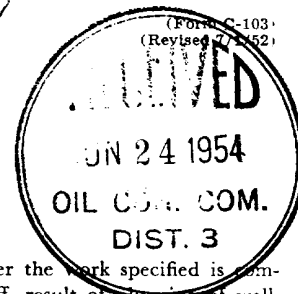


NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON SHOOTING WELL (Other)	X

June 21, 1954
(Date)

Farmington, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Stanolind Oil and Gas Company
(Company or Operator)

Outierres Gas Unit
(Lease)

Keating Drilling Company
(Contractor)

Well No. 1 in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 4

T. 29-N, R. 9-W, NMPM, Blanco-Mesaverde Pool, San Juan County.

The Dates of this work were as follows:

Notice of intention to do the work (~~was~~ (was not) submitted on Form C-102 on, 19.....

(Cross out incorrect words)

and approval of the proposed plan (~~was~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Well was drilled to a total depth of 4732 feet with rotary tools. Shot formation from 3675 to 4480 feet open with 2069 quarts Hercules slow detonating explosive. Well was cleaned out to total depth with gas and 2" tubing was landed at 4698 feet. Well shut-in 10 days. Shut-in casing pressure 1050 psi. Three hour potential test 6933 MCFPD, June 14, 1954.

Witnessed by John R. Stockton
(Name)

Stanolind Oil and Gas Company
(Company)

Head Roostabout
(Title)

Approved: OIL CONSERVATION COMMISSION

Original Signed Emery C. Arnold
(Name)

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

Name L. O. Sperry

Position Field Superintendent

Representing Stanolind Oil and Gas Company

Address Box 487, Farmington, New Mexico

Oil and Gas Inspector Dist. #3
(Title)

JUN 24 1954
(Date)

OIL CONSERVATION COMMISSION
 AZTEC DISTRICT OFFICE

No. Copies Received **3**

DISTRIBUTION

	NO. FURNISHED	
Operator		
Santa Fe	1	
Operation Office	1	
State Land Office		
U. S. C. S.		
Transporter		
File	1	<input checked="" type="checkbox"/>

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF	<input checked="" type="checkbox"/>	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

May 24, 1954

Farmington, New Mexico

(Date)

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Stanolind Oil and Gas Company
(Company or Operator)

Ostierres Gas Unit
(Lease)

Keating Drilling Company
(Contractor)

Well No. 1 in the NW 1/4 NE 1/4 of Sec. 4

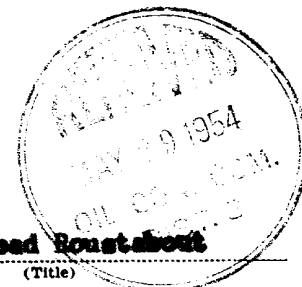
T. 29-N, R. 9-W, NMPM, Blanco-Hosoverde Pool, San Juan County.

The Dates of this work were as follows: May 18 to May 20, 1954, incl.

Notice of intention to do the work (~~was~~ was not) submitted on Form C-102 on _____, 19____, and approval of the proposed plan (~~was~~ was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

The well was spudded at 8:00 A.M., May 18, 1954. On May 19, 1954, 9-5/8" casing was landed at 250 feet and cemented with 185 sacks of cement. Cement plug down at 4:30 A.M., May 19, 1954. At 3:00 P.M., May 20, 1954, casing and water shut-off were tested at 600 pounds for 30 minutes with no drop in pressure. Forty-four feet of solid cement were drilled in bottom of pipe and water shut-off was again tested at 600 pounds for 30 minutes. There was no drop in pressure during this test and drilling operations were resumed.



Witnessed by John R. Stockton Stanolind Oil & Gas Company Head Roustabout
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

Emory C. ...
(Name)

Oil and Gas Inspector Dist. #9
(Title)

5-29-54
(Date)

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

Name: *Lo ...*

Position: Field Superintendent

Representing: Stanolind Oil & Gas Company

Address: Box 487, Farmington, New Mexico

OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE

No. Copies Received 3

DISTRIBUTION

	NO. FURNISHED	
Operator	1	
Santa Fe	1	
Proration Office		
State Land Office		
U. S. G. S.		
Transporter		
File	1	✓

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



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. Submit this form in QUADRUPPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT ~~OIL AND NATURAL GAS~~ **CONDENSATE**

Company or Operator **Stanolind Oil and Gas Company** Lease **Outierres Gas Unit**

Address **Box 487, Farmington, New Mexico** **Box 991, Tulsa, Oklahoma**
(Local or Field Office) (Principal Place of Business)

Unit **F**, Well(s) No. **1**, Sec. **4**, T. **29-N**, R. **9-W**, Pool **Blanco-Mosavado**

County **San Juan** Kind of Lease: **Patented**

If Oil well Location of Tanks **NW/4 of NE/4 Section 4**

Authorized Transporter **Malco Products, Inc.** Address of Transporter

Hlocfield, New Mexico **Nowell, New Mexico**
(Local or Field Office) (Principal Place of Business)

Per cent of ~~CONDENSATE~~ **CONDENSATE** to be Transported **100** Other Transporters authorized to transport ~~CONDENSATE~~ **CONDENSATE**
from this unit are **None**

REASON FOR FILING: (Please check proper box)

- NEW WELL CHANGE IN OWNERSHIP
- CHANGE IN TRANSPORTER OTHER (Explain under Remarks)

REMARKS:



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

Executed this the **4th** day of **August**, 19 **54**

Approved **AUG 9 1954**, 19.....
Stanolind Oil and Gas Company

OIL CONSERVATION COMMISSION
By **Original Signed Emery C. Arnold**
Title **Oil and Gas Inspector Dist. #3**

By **[Signature]**
Title **Field Engineer**

(See Instructions on Reverse Side)

INSTRUCTIONS

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 and gas from the property named therein and shall remain in full force and effect until

- (a) Operating ownership changes
- (a) 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, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil or gas.

A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received		✓
DISTRIBUTION		
	NO.	
	FURNISHED	
Operator		
Santa Fe	1	
Proration Office		
State Land Office		
U. S. G. S.		
Transporter	1	
File	1	✓

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY PAN AMERICAN PETROLEUM CORPORATION Box 487 Farmington, New Mexico
(Address)

LEASE Gutierrez Gas Unit WELL NO. 1 UNIT B S 4 T 29N R 9W

DATE WORK PERFORMED 10/17/57 POOL Blanco-Mesaverde

This is a Report of: (Check appropriate block) Results of Test of Casing Shut-off
 Beginning Drilling Operations Remedial Work
 Plugging Other Supplementary Well History

Detailed account of work done, nature and quantity of materials used and results obtained.

Workover rig was moved on and tubing was pulled. Hole was then cleaned out with gas to total depth. A 5" liner was then set from 4724' to 3734' with 250 sacks of cement. Ran 6-1/4" bit to top of liner. Set HRC squeeze tool at 3684' with 150 sacks of cement. Pulled squeeze tool and drilled cement plug to 4688'. Liner was tested with 2500 pounds pressure (special test) for thirty minutes with no drop in pressure. Perforated with two shots per foot 4482'-4538', 4552'-4602', 4622'-4686'. Well was then sand water fracked with 50,000 gallons water and 70,000 pounds sand. Average injection rate 45 barrels per minute. Set Baker bridge plug 4080' and tested with 1250 pounds pressure, which held ok. Perforated 3899'-3967, 4981-4034' with two shots per foot. These formations were then sand water fracked with 50,000 gallons water and 50,000 pounds sand. Average injection rate 46 barrels per minute. Injected 50 rubber balls in middle of treatment. Preliminary test 10,736 MGFPD PITOT tube measurement.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 5620 TD 4732 PBD --- Prod. Int. 4860-4732 Compl Date 6/4/54
Tbng. Dia 2-3/8" Tbng Depth 4712' Oil String Dia 7" Oil String Depth 3832'
Perf Interval (s) none
Open Hole Interval 3860-4732 Producing Formation (s) Mesaverde

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>4/15/57</u>	<u>10/14/57</u>
Oil Production, bbls. per day	<u>2.98</u>	<u>---</u>
Gas Production, Mcf per day	<u>825</u>	<u>10,736 pitot</u>
Water Production, bbls. per day	<u>.25</u>	<u>---</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>---</u>	<u>---</u>
Gas Well Potential, Mcf per day	<u>825</u>	<u>---</u>
Witnessed by <u>A. W. Retke</u>	Pan American Petroleum Corporation (Company)	



OIL CONSERVATION COMMISSION

Name Original Signed Emery C. Arnold
Title Supervisor Dist. # 3
Date OCT 21 1957

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

Name L. O. Speer, Jr.
Position Field Superintendent
Company Pan American Petroleum Corporation
Box 487, Farmington, New Mexico

OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE

No. Copies Received 3

DISTRIBUTION	
Operator	<u>1</u>
Santa Fe	<u>1</u>
Proration Office	
State Land Office	

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57
Workover
New Well
Recompletion

REQUEST FOR ~~(OIL)~~ - (GAS) ALLOWABLE

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 QUADRUPPLICATE 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 October 18, 1957
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS: **Pan American Petroleum Corporation** **Catlarres Gas Unit**, Well No. **1**, in **NW** $\frac{1}{4}$ **NE** $\frac{1}{4}$,
(Company or Operator) (Lease)

B Sec. **4**, T. **29N**, R. **9W**, NMPM, **Blanco-Mesaverde** Pool
Unit Letter

San Juan County. Date Spudded **10/7/57** Date Drilling Completed **10/14/57**

Please indicate location:

Elevation **5620 DF** Total Depth **4732'** PBD **4688'**

Top ~~Oil~~/Gas Pay **3860** Name of Prod. Form. **Mesaverde**

PRODUCING INTERVAL - **Two shots per foot 4482-4536, 4552-4602, 4622-4686,**

Perforations **3899-3967, 4981-4934**

Open Hole **---** Depth **---** Casing Shoe **4724'** Depth **---** Tubing **4630'**

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): _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Choke Size _____

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: **10,736** MCF/Day; Hours flowed **3 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): **100,000 gallons water, 130,000 pounds sand, 50 rubber balls**

Casing _____ Tubing _____ Date first new _____

Press. _____ Press. _____ oil run to tanks _____

Oil Transporter **Four States Western Oil Refining Co., by Contract Truck**

Gas Transporter **El Paso Natural Gas Company**

Remarks: **Includes 990' of 5" OD, 4.408" ID, 15 pound casing liner, 4630' of 2-3/8" OD, 1.995" ID, 4.7 pound tubing. Preliminary test 10,736 MCFPD.**

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

Approved: _____ OCT. 22 1957, 19 _____

Pan American Petroleum Corporation
(Company or Operator)
ORIGINAL SIGNED BY

By: **L. O. Spear, Jr.**
(Signature)

OIL CONSERVATION COMMISSION

By: **Original Signed Emery C. Arnold**

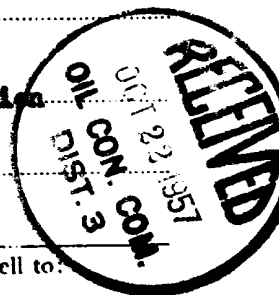
Supervisor Dist. # **3**

Title _____

Title: **Field Superintendent**
Send Communications regarding well to:

Name: **Pan American Petroleum Corporation**

Address: **Box 487, Farmington, New Mexico**



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

Section 4

Tubing, Casing and Cementing Record
Size Feet Sax

9-5/8"	241'	185
7"	3832'	150
5"	990'	250
2-3/8"	4630'	

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies Received 4

DISPOSITION

	NO.	
Returned	1	
Retained	1	
Transmitted	1	
Supplied		
U. S. G. S.		
Transporter		
File	1	<input checked="" type="checkbox"/>