

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. 076337

Unit North Gas Unit "D"  
North 1/2 Section 9  
Designated Drilling Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	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)

Farmington, New Mexico September 14, 1953

Well No. 1 is located 1650 ft. from N line and 1650 ft. from E line of sec. 9

NE 1/4 of Section 9 T-29-N R-9-W NPM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Blanco-Monterey San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 9740 ft. (Ungraded Ground)

DETAILS OF WORK

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

We propose to drill the above well to approximately 4700 feet. Rotary tools will be used to total depth. Casing will be set on top of Cliffhouse. Monterey formation will be drilled with gas and cleaned out with gas after shot with SMO.

The following casing program is proposed:

Size	Depth	Weight	Remarks
9-5/8"	250'	250	100% of calculated amount to circulate.
7"	3800'	300	150% of calculated amount to fill 1260' above shoe.

Copies of location plat are attached. A copy of any survey taken will be submitted upon completion of well.

Location plat for Designated Drilling Unit will be submitted at a later date.

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

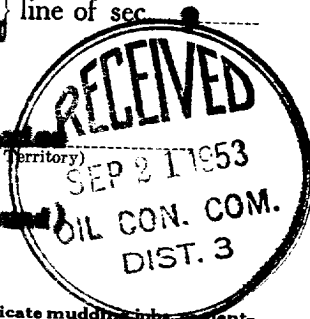
Company Stanolind Oil and Gas Company

Address Box 487

Farmington, New Mexico

By L. D. Spencer

Title Field Superintendent



S.F. 10336

N/2 Heath Gas Unit B-1  
SECTION 9Township 29 N Range 9 W County SAN JUAN State NEW MEXICO

L.M. Glasco	Stano 108,883 5-14-57	Stano 108,892 5-22-57	71773-A Stano 3-13-56	1
Pt. 71775-A Stano 3-9-56			0	1 Pt. 94013 Stano 3-1-52 HBP

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved an an *initial* allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Stanolind Oil and Gas Company Lease Heath Gas Unit "B"

Address Box 487, Farmington, New Mexico Box 591, Tulsa, Oklahoma  
(Local or Field Office) (Principal Place of Business)

Unit 6, Well 4 No. 1, Sec. 9, T. 29-N, R. 9-W, Pool Blanco-Mogavero

County San Juan Kind of Lease: Federal

If Oil well Location of Tanks

Authorized Transporter El Paso Natural Gas Company Address of Transporter

Farmington, New Mexico El Paso, Texas  
(Local or Field Office) (Principal Place of Business)

Per cent of ~~XXXX~~ Natural Gas to be Transported 100% Other Transporters authorized to transport ~~XXXX~~ Natural Gas 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 30th day of October, 1953

Approved 11-2-, 1953 Stanolind Oil and Gas Company

OIL CONSERVATION COMMISSION  
By Original signed by  
John A. Anderson  
Title PETROLEUM ENGINEER DIST. NO. 3

By [Signature]  
Title Field Superintendent

## 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		4
Operator	Santa Fe	
Proration Office		
State Land Office		
U. S. G. S.		
Transporter		
File		

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

## REQUEST FOR (XXX) - (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 oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico October 30, 1953  
(Place) (Date)

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

Stanolind Oil and Gas Company Heath Gas Unit "B", Well No. 1, in SW 1/4 NE 1/4,  
(Company or Operator) (Lease)  
8, Sec. 9, T. 29-N, R. 9-W, NMPM, Blanco-Mesaverde Pool  
(Unit)  
San Juan County. Date Spudded October 3, 1953, Date Completed October 19, 1953

Please indicate location:


Elevation 5751 (RDB) Total Depth 4690, P.B.Top oil/gas pay 3880 Prod. Form MesaverdeCasing Perforations: None orDepth to Casing shoe of Prod. String 3880Natural Prod. Test None BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot BOPD

Based on bbls. Oil in Hrs. Mins.

Gas Well Potential 4443 MCF per 24 hrs. (potential test 10/27/53)Size choke in inches 2" outlet

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

Transporter taking City Gas: El Paso Natural Gas CompanyRemarks: Well shut-in for pipe line connection.

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

Approved: 11-2-1953Stanolind Oil and Gas Company

(Company or Operator)

By: [Signature]  
(Signature)Title: Field Superintendent

Send Communications regarding well to:

Name: Mr. L. O. Spear, Jr.Address: Box 487, Farmington, New Mexico

OIL CONSERVATION COMMISSION

Original signed by

John J. Abendschan

By: PETROLEUM ENGINEER DIST. NO. 3

Title

## OIL CONSERVATION COMMISSION

## AZTEC DISTRICT OFFICE

No. Copies Received 4

## DISTRIBUTION

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

Heaving plug—Material ..... Length ..... Depth set .....  
 Adapters—Material ..... Size .....

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
4 1/2"	Fin Torpedo	Hercules Slow Detonating	2830 lb.	10/16/53	3935-4690	4690

## TOOLS USED

Rotary tools were used from 0 feet to 4690 feet, and from ..... feet to ..... feet  
 Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

## DATES

October 19, 1953 Put to producing ....., 19.....

The production for the first 24 hours was ..... barrels of fluid of which ..... % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, °Bé. ....

If gas well, cu. ft. per 24 hours 4,443,000 Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. 1,072

## EMPLOYEES

C. R. Mcanes, Driller W. H. King, Driller  
 N. P. Cooper, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	272	272	Surface sand and rocks.
272	2306	2034	Sand and shale
2306	2390	84	Sand (T. Pictured Cliffs - 2306)
2390	3932	1542	Shale
3932	4107	175	Sand (T. Cliffhouse - 3932)
4107	4544	437	Sand and shale (T. Manassee - 4107)
4544	4618	74	Sand (T. Point Lookout - 4544)
4618	4690	72	Shale (T. Mancos - 4618)

1807

10-

LIFT LEVEL [OVER]

FORMATION

16-43094-3

CORRELATION RECORD—Continued

Size casing	9-5/8"	272	3880	320	Display comments
Where set					Display comments
Number sacks of cement					Amount of mud used
Method used					
Mud gravity					

MUDDING AND CEMENTING RECORD

Size casing	9-5/8"	32.3	8	Mat. 1	261	Outside	Cut and pulled from	Perforated	Purpose
Weight per foot								From—	To—
Threads per inch									
Make									
Amount									
Kind of shoe									
History of oil or gas well									
1-4-1									
1667									
1667									
1667									

CASING RECORD

No. 1, from	2390 (G)	No. 4, from	to
No. 2, from	1992	No. 5, from	to
No. 3, from		No. 6, from	to
No. 1, from	2390 (G)	No. 4, from	to
No. 2, from	1992	No. 5, from	to
No. 3, from		No. 6, from	to

IMPORTANT WATER SANDS

OIL OR GAS SANDS OR ZONES

Commenced drilling October 3, 1953. Finished drilling October 15, 1953.

The summary on this page is for the condition of the well at above date.

Date November 12, 1953

Title Field Superintendent

Signed

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Location 1650 ft. (S) of N Line and 1650 ft. (W) of E Line of Section 9  
 Well No. 1 Sec. 9 T29N R9W Meridian N70W  
 Lessor or Tract Heath Gas Unit "B"  
 Company Stalling Oil and Gas Company  
 Address Box 591, Tulsa, Oklahoma  
 Field Blanco-McCoy State New Mexico  
 County San Juan  
 Elevation Sea Remarks  
 (Derrick floor relative to sea level)

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY


U. S. LAND OFFICE

Serial Number

LEASE OR PERMIT TO PROSPECT

Heath Gas Unit "B"

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

NOV 19 1953

RECEIVED



NEW MEXICO  
OIL CONSERVATION COMMISSION

Gas Well Plat

Date 12-1-54

Operator Standard Oil & Gas Lease Heath Gas Unit B Well No 001

Name of Producing Formation Mesa Verde Post Bla Mesa

No. Acres Dedicated to the Well 320

Indicate land status and show ownership

SECTION 9 TOWNSHIP 27N RANGE 9W

H. B. Sammons		20.00	
H. B. Sammons		10.00	
H. B. Sammons		5.00	
H. B. Sammons		5.00	
Midwest Oil Corporation		10.00	
Ora Uptegrove		10.00	
Leila B. Uptegrove		10.00	
William A. Way		10.00	
F. L. Likins		80.00	
W. D. Heath "A"		120.00	
J. A. Pierce		40.00	
	Total	320.00	



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

Name C. C. Fuller Jr.  
Position Field Engineer  
Representing Standard Oil Co.  
Address 1001 N. 1st St.

(over)

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
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DISTRIBUTION		
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Operator		
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NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

(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 STANOLIND OIL AND GAS COMPANY 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 Malco Products, Inc.

Address Box 660, Roswell, New Mexico

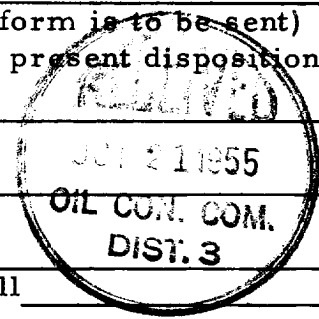
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas See Remarks.

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 ☒ (XX)

Remarks: \_\_\_\_\_ (Give explanation below)

C-110 filed and approved 11/2/53, showing El Paso Natural Gas Company as authorized transporter of gas. Well making condensate after installation of intermitter and free piston.

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

Executed this the 19th day of October 19 55

By L. B. Spivey

Title Field Superintendent

Approved OCT 27 1955 19 55

OIL CONSERVATION COMMISSION

By Ernest C. Hargis

Title Oil and Gas Inspector Dist. #3.

Company STANOLIND OIL & GAS COMPANY

Address P. O. BOX 687  
TARMINGTON NEW MEXICO

SOIL CONSERVATION COMMISSION  
AZTEC DISTRICT OFFICE

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NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

(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 El Paso Natural Gas Products Company

Address El Paso, Texas

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

Authorized Transporter of Gas El Paso Natural Gas Company

Address Farmington, New Mexico

(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 (X)

Remarks: (Give explanation below)

**Change of operating name from "Stanolind Oil and Gas Company"  
to "Pan American Petroleum Corporation".**

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

Executed this the 1st day of February 19 57

ORIGINAL SIGNED BY  
D. J. SCOTT

Approved FEB 1 1957

Title Field Clerk

OIL CONSERVATION COMMISSION

Company Pan American Petroleum Corporation

By Original Signed Emery C. Arnold

Address Box 487

Title Oil and Gas Inspector Dist. #3

Farmington, New Mexico



<b>OIL CONSERVATION COMMISSION</b>		
<b>AZTEC DISTRICT OFFICE</b>		
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Operator		
Santa Fe	✓	
Priority		
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U. S. G. S.		
Transporter	2-	
File	✓	✓

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

(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 STANOLIND OIL AND GAS COMPANY 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 El Paso Natural Gas Products Company

Address Box 1161, 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)

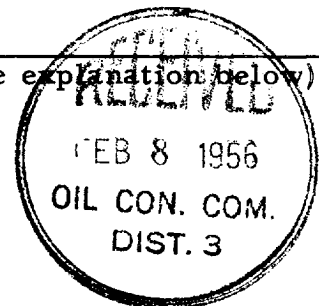
If Gas is not being sold, give reasons and also explain its present disposition:

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

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

Change in Ownership ( ) Other ( )

Remarks: \_\_\_\_\_ (Give explanation below)



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

Executed this the 6th day of February 1956

By Shutt

Title Field Clerk

Approved 2-8 1956

OIL CONSERVATION COMMISSION

By A. R. Kendrick

PETROLEUM ENGINEER DIST. NO. 3

Title Oil and Gas Inspector Dist. #3

Company STANOLIND OIL & GAS COMPANY

Address P. O. BOX 487

FARMINGTON, NEW MEXICO

OIL CONSERVATION COMMISSION	
AZTEC DISTRICT OFFICE	
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1934	
1935	2
1936	1
1937	
1938	
1939	1
1940	1
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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 by trucking contractor.

Address Box 1877, 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)

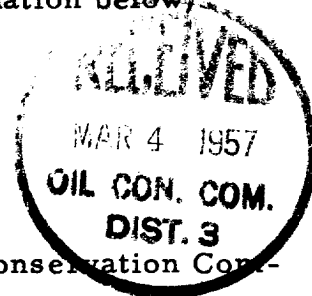
If Gas is not being sold, give reasons and also explain its present disposition:

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

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

Change in Ownership \_\_\_\_\_ ( ) Other \_\_\_\_\_ ( )

Remarks: \_\_\_\_\_ (Give explanation below)



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

Executed this the 1st day of March 19 57

ORIGINAL SIGNED BY  
By D. J. SCOTT

Approved MAR 4 1957 19

Title Field Clerk

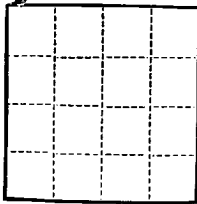
OIL CONSERVATION COMMISSION

Company Pan American Petroleum Corporation

By Original Signed Emery C. Arnold

Address Box 487, Farmington, New Mexico

Title Oil and Gas Inspector Dist. #3.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Approval expires 12-31-60.

Land Office Santa Fe  
Lease No. 076337  
Unit Heath Gas Unit #2

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.....	<input checked="" type="checkbox"/>	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)

Farmington, New Mexico April 12, 19 57

Well No. 1 is located 1650 ft. from N line and 1650 ft. from E line of sec. 9

NE/4 of Section 9  
(¼ Sec. and Sec. No.)

T-22-N  
(Twp.)

R-9-W  
(Range)

N M P M  
(Meridian)

Blanco Mesaverte  
(Field)

San Juan

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 5751 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)

We propose to workover the above well as follows:

- 1.) Move in and rig up workover rig.
- 2.) Clean out hole with gas to total depth or whipstock hole, if necessary.
- 3.) Run 5" liner to total depth and cement.
- 4.) Drill out and cement and perforate selected zones.
- 5.) Stimulation with sand-water free.



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

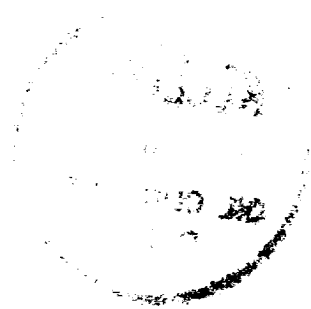
Box 457

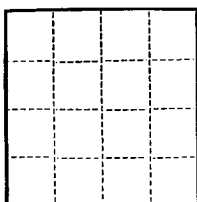
Address Farmington, New Mexico

By L. O. Sperry

Title Field Superintendent

11





(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Approval expires 12-31-60.

Land Office Santa Fe  
Lease No. 076337  
Unit Heath Gas Unit "B"

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.....	<b>X</b>
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)

Farmington, New Mexico May 1, 1957

Well No. 1 is located 1650 ft. from N line and 1650 ft. from E line of sec. 9

NE 1/4 of Section 9 T-39-N R-2-E N-10-M  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Blanco-Henrieville San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5751 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)

Moved on rig and pulled tubing, cleaned out to total depth of 4690. Set 5" liner from 3717' to 4682' with 200 sacks of cement. After waiting on cement for 24 hours casing and water shut off were tested with 1000# pressure with no drop in pressure. Perforated with 2 Jet shots per foot 4442-54, 4464-82, 4544-74, 4582-4618, 4626-52, 4660-66. Fracked these perforations with 50,000 gallons water and 70,000 pounds sand. Average injection rate 30.8 RPM. Perforated with 2 shots per foot 3956-76, 3988-4006, 4026-42, 4056-4100, 4162-74, 4222-34, 4314-26, 4392-4406. Fracked these perforations with 40,000 gallons water and 50,000 pounds sand, average injection rate 56 RPM. Preliminary test 5,100 MCFFD.

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

Company Pan American Petroleum Corporation

Address Box 487

Farmington, New Mexico

By L. H. H. H.

Title Field Clerk

