

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☐	JUN 2 8 30 AM '64											
b. TYPE OF COMPLETION:		NEW WELL ☐	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☒	DIFF. RESVR. ☒	Other								
2. NAME OF OPERATOR Pan American Petroleum Corporation						9. WELL NO. 1									
3. ADDRESS OF OPERATOR Box 68 - Hobbs, New Mexico - 88240						10. FIELD AND POOL, OR WILDCAT Lusk Strawn - Ext.									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FWL X 660' FWL, Sec. 27, (Unit D, NW/4 NW/4) At top prod. interval reported below At total depth OC						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 27-19-32 NW/4									
14. PERMIT NO.						DATE ISSUED MAY 20 1964									
15. DATE LOGGED 3/24/64		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.) 5/6/64		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3607' REB		19. ELEV. CASINGHEAD							
20. TOTAL DEPTH, MD & TVD 13,160'		21. PLUG, BACK T.D., MD & TVD FBD 11,709'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →		ROTARY TOOLS CABLE TOOLS							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11,596'-613' - Strawn								25. WAS DIRECTIONAL SURVEY MADE							
26. TYPE ELECTRIC AND OTHER LOGS RUN None								27. WAS WELL CORED							
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										2"		11,617		11,554	
31. PERFORATION RECORD (Interval, size and number) 11,596'-613' W/2 SPT										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										11,596'-613'		11,000 gal acid			
33.* PRODUCTION															
DATE FIRST PRODUCTION 4-1-64		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) Producing							
DATE OF TEST 5/6/64		HOURS TESTED 24		CHOKE SIZE 26/64"		PROD'N. FOR TEST PERIOD →		OIL—BBL. 15		GAS—MCF. NA		WATER—BBL. 24		GAS-OIL RATIO NA	
FLOW. TUBING PRESS. 290		CASING PRESSURE NA		CALCULATED 24-HOUR RATE →		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented										TEST WITNESSED BY					
35. LIST OF ATTACHMENTS None															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
Original Signed by: V. E. STALEY															
SIGNED				TITLE Area Superintendent				DATE 5/21/64							

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 23, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, a separate report must be filed.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions. Consult local State

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments, **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion) so state in 24--on 3--

interval, or intervals, top(s), bottom(s) and name(s) (if any) for the interval reported in item 22, and in item 24 show the producing and/or processing interval, or intervals, top(s), bottom(s) and name(s) (if any) for the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. (See instruction for items 29 and 34 above.)

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 03646-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use Form 9-331 for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ MAY 26 8 17 AM '64	7. UNIT AGREEMENT NAME Plains Unit
2. NAME OF OPERATOR Pan American Petroleum Corporation	8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR Box 68 - Hobbs, New Mexico - 88240	9. WELL NO. 1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FWL X 660' FWL, Sec. 27, (Unit D, NW/4 NW/4)	10. FIELD AND POOL, OR WILDCAT Lusk Strawn Ext.
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3607' RDB
	12. COUNTY OR PARISH Lea
	13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☒
☐

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Recomplete

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

In accordance with Form 9-331, dual completion attempt was made as follows:

Isolated the Morrow perforations, 12,670'-13,010' by setting a bridge plug at 11,709' and capping with 10' sand. Perforated Strawn interval 11,596'-613' with 2 JSPP. Acidized with 11,000 gallons. Evaluated.

On PT well flowed 15 BO X 24 BW in 24 hours thru 26/64" choke.
TPF - 250, GPF - Fkr.

Further evaluation of the Strawn is being made. Due to the marginal capacity it is not economical, feasible, at this time, to dual complete, consequently, the Morrow will remain isolated until such time the evaluation is complete.

OC 3-24-64
Comp 5-6-64
TD 13,160
PBD 11,709

18. I hereby certify that the foregoing is true and correct

SIGNED

Original Signed by:
V. A. STALEY

TITLE

Area Superintendent

DATE

5/20/64

(This space for Federal or State office use)

APPROVED

APPROVED BY

TITLE

MAY 21 1964

DATE

CONDITIONS OF APPROVAL, IF ANY:

J. L. GORDON

*See Instructions on Reverse Side DISTRICT ENGINEER

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

NUMBER OF COPIES RECEIVED	
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U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

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

Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

MAY 13 2 56 PM '64

Non-Block
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 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.

Hobbs, New Mexico

May 13, 1964

(Place)

(Date)

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

Pan American Petroleum Corporation Plains Unit, Well No. 1, in SW 1/4 SW 1/4,
(Company or Operator) (Lease)

B Sec. 27, T. 19-S, R. 32-E, NMPM, (Lusk Strawn) Pool

Unit Letter

Lea

County. OC 3-14-64

Date Recompletion Completed 5-6-64

Elevation 3607-RDB Total Depth 13,160 PBD 11,709

Please indicate location:

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

Top Oil/Gas Pay 11,596 Name of Prod. Form. Strawn

PRODUCING INTERVAL -

Perforations 11,596-11,613 w/2JHPF

Open Hole --- Depth 13,160 Casing Shoe 11,613

OIL WELL TEST -

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

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke load oil used): 15 bbls.oil, 24 bbls water in 24 hrs, --- min. Size 26/64

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): 11,000 gal acid

Casing Press. Packer Tubing Press. 250 Date first new oil run to tanks 4-1-64

Oil Transporter Indiana Oil Purchasing Co. (Trucks)

Gas Transporter None

660' F H & W Lines

(FOOTAGE)

Tubing, Casing and Cementing Record

Size	Feet	Sax
<u>13-3/8"</u>	<u>512</u>	<u>450</u>
<u>9-5/8"</u>	<u>4532</u>	<u>3345</u>
<u>5-1/2"</u>	<u>13160</u>	<u>790</u>
<u>2-1/2"</u>	<u>11613</u>	

Remarks:

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

Approved [Signature], 1964

Pan American Petroleum Corporation
(Company or Operator)

Original Signed By:

By: V. E. STALEY (Signature)

OIL CONSERVATION COMMISSION

By: [Signature] Engineer District 3

Title ---

Title Area Superintendent
Send Communications regarding well to:

Name V. E. Staley

Address Box 68 - Hobbs, New Mexico 88240