

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP DATE*
(Other instruction on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ <u>Drilling</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>NW 027577</u>
2. NAME OF OPERATOR <u>Pan American Petroleum Corporation</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <u>Box 68 - Hobbs, New Mexico - 88240</u>		7. UNIT AGREEMENT NAME <u>Plains Unit</u>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>710' FSL & 660' FSL Sec. 11 (Unit 1, well 10/4)</u>		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO. <u>AX</u>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>100' RT</u>		10. FIELD AND POOL, OR WILDCAT <u>Link Stream</u>
		11. SEC., T., R., M., OR B&E, AND SURVEY OR AREA <u>21-19-32 NW 21</u>
		12. COUNTY OR PARISH <u>Lea</u>
		13. STATE <u>New Mexico</u>

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) ☐	

(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.)*

On 1-26-64, 1-27-64, 1-28-64, 1-29-64, 1-30-64, 1-31-64, 2-1-64, 2-2-64, 2-3-64, 2-4-64, 2-5-64, 2-6-64, 2-7-64, 2-8-64, 2-9-64, 2-10-64, 2-11-64, 2-12-64, 2-13-64, 2-14-64, 2-15-64, 2-16-64, 2-17-64, 2-18-64, 2-19-64, 2-20-64, 2-21-64, 2-22-64, 2-23-64, 2-24-64, 2-25-64, 2-26-64, 2-27-64, 2-28-64, 2-29-64, 2-30-64, 3-1-64, 3-2-64, 3-3-64, 3-4-64, 3-5-64, 3-6-64, 3-7-64, 3-8-64, 3-9-64, 3-10-64, 3-11-64, 3-12-64, 3-13-64, 3-14-64, 3-15-64, 3-16-64, 3-17-64, 3-18-64, 3-19-64, 3-20-64, 3-21-64, 3-22-64, 3-23-64, 3-24-64, 3-25-64, 3-26-64, 3-27-64, 3-28-64, 3-29-64, 3-30-64, 3-31-64, 4-1-64, 4-2-64, 4-3-64, 4-4-64, 4-5-64, 4-6-64, 4-7-64, 4-8-64, 4-9-64, 4-10-64, 4-11-64, 4-12-64, 4-13-64, 4-14-64, 4-15-64, 4-16-64, 4-17-64, 4-18-64, 4-19-64, 4-20-64, 4-21-64, 4-22-64, 4-23-64, 4-24-64, 4-25-64, 4-26-64, 4-27-64, 4-28-64, 4-29-64, 4-30-64, 5-1-64, 5-2-64, 5-3-64, 5-4-64, 5-5-64, 5-6-64, 5-7-64, 5-8-64, 5-9-64, 5-10-64, 5-11-64, 5-12-64, 5-13-64, 5-14-64, 5-15-64, 5-16-64, 5-17-64, 5-18-64, 5-19-64, 5-20-64, 5-21-64, 5-22-64, 5-23-64, 5-24-64, 5-25-64, 5-26-64, 5-27-64, 5-28-64, 5-29-64, 5-30-64, 5-31-64, 6-1-64, 6-2-64, 6-3-64, 6-4-64, 6-5-64, 6-6-64, 6-7-64, 6-8-64, 6-9-64, 6-10-64, 6-11-64, 6-12-64, 6-13-64, 6-14-64, 6-15-64, 6-16-64, 6-17-64, 6-18-64, 6-19-64, 6-20-64, 6-21-64, 6-22-64, 6-23-64, 6-24-64, 6-25-64, 6-26-64, 6-27-64, 6-28-64, 6-29-64, 6-30-64, 7-1-64, 7-2-64, 7-3-64, 7-4-64, 7-5-64, 7-6-64, 7-7-64, 7-8-64, 7-9-64, 7-10-64, 7-11-64, 7-12-64, 7-13-64, 7-14-64, 7-15-64, 7-16-64, 7-17-64, 7-18-64, 7-19-64, 7-20-64, 7-21-64, 7-22-64, 7-23-64, 7-24-64, 7-25-64, 7-26-64, 7-27-64, 7-28-64, 7-29-64, 7-30-64, 7-31-64, 8-1-64, 8-2-64, 8-3-64, 8-4-64, 8-5-64, 8-6-64, 8-7-64, 8-8-64, 8-9-64, 8-10-64, 8-11-64, 8-12-64, 8-13-64, 8-14-64, 8-15-64, 8-16-64, 8-17-64, 8-18-64, 8-19-64, 8-20-64, 8-21-64, 8-22-64, 8-23-64, 8-24-64, 8-25-64, 8-26-64, 8-27-64, 8-28-64, 8-29-64, 8-30-64, 8-31-64, 9-1-64, 9-2-64, 9-3-64, 9-4-64, 9-5-64, 9-6-64, 9-7-64, 9-8-64, 9-9-64, 9-10-64, 9-11-64, 9-12-64, 9-13-64, 9-14-64, 9-15-64, 9-16-64, 9-17-64, 9-18-64, 9-19-64, 9-20-64, 9-21-64, 9-22-64, 9-23-64, 9-24-64, 9-25-64, 9-26-64, 9-27-64, 9-28-64, 9-29-64, 9-30-64, 10-1-64, 10-2-64, 10-3-64, 10-4-64, 10-5-64, 10-6-64, 10-7-64, 10-8-64, 10-9-64, 10-10-64, 10-11-64, 10-12-64, 10-13-64, 10-14-64, 10-15-64, 10-16-64, 10-17-64, 10-18-64, 10-19-64, 10-20-64, 10-21-64, 10-22-64, 10-23-64, 10-24-64, 10-25-64, 10-26-64, 10-27-64, 10-28-64, 10-29-64, 10-30-64, 10-31-64, 11-1-64, 11-2-64, 11-3-64, 11-4-64, 11-5-64, 11-6-64, 11-7-64, 11-8-64, 11-9-64, 11-10-64, 11-11-64, 11-12-64, 11-13-64, 11-14-64, 11-15-64, 11-16-64, 11-17-64, 11-18-64, 11-19-64, 11-20-64, 11-21-64, 11-22-64, 11-23-64, 11-24-64, 11-25-64, 11-26-64, 11-27-64, 11-28-64, 11-29-64, 11-30-64, 12-1-64, 12-2-64, 12-3-64, 12-4-64, 12-5-64, 12-6-64, 12-7-64, 12-8-64, 12-9-64, 12-10-64, 12-11-64, 12-12-64, 12-13-64, 12-14-64, 12-15-64, 12-16-64, 12-17-64, 12-18-64, 12-19-64, 12-20-64, 12-21-64, 12-22-64, 12-23-64, 12-24-64, 12-25-64, 12-26-64, 12-27-64, 12-28-64, 12-29-64, 12-30-64, 12-31-64.

ILLEGIBLE

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

SIGNED Original Signed by: V. E. STALEY TITLE Area Superintendent DATE 1-22-64

(This space for Federal or State office use)

APPROVED BY J. L. GORDON TITLE Acting District Engineer DATE JAN 28 1964

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instruction reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER Drilling	5. LEASE DESIGNATION AND SERIAL NO. Q75774
2. NAME OF OPERATOR Pan American Petroleum Corporation	6. INDIAN ALLOTTEE OR TRIBE NAME None
3. ADDRESS OF OPERATOR Box 83 - Hobbs, New Mexico 88240	7. UNIT AGREEMENT NAME Plains Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 710' PSL X 660' P.L., Sec. 21 (Unit M) (S 1/4 S 1/4)	8. FARM OR LEASE NAME
14. PERMIT NO.	9. WELL NO. 43
15. ELEVATIONS (Show whether DF, RT, GR, etc.) N/A	10. FIELD AND POOL, OR WILDCAT Lake Strawn
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 23-19-32 N 1/4
	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)			

(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.)*

On 1-12-64, 10-3/4" OD 38.98% J-55 Casing w/Hydril triple seal joints was run and set at 2662' with 700 ex cement. After 13 hours tested casing with 1500 PSI for 30 minutes. Test OK.

Reduced hole to 9-7/8" at 2662' and resumed drilling operations.

ILLEGIBLE

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

SIGNED Original Signed by:
V. E. STALEY

Area Superintendent
TITLE _____

DATE **1-13-64**

(This space for Federal or State office use)

APPROVED

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE **JAN 12 1964**

DATE

J. L. GORDON

ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

Instructions

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
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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 "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	5. LEASE DESIGNATION AND SERIAL NO. 10-7577
2. NAME OF OPERATOR Pan American Petroleum Corporation	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Box 63 - Hobbs, New Mexico - 88240	7. UNIT AGREEMENT NAME Pine Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 710' PSL : 660' PSL, Sec. 21 (Unit M, 3/4 34/4)	8. FARM OR LEASE NAME
14. PERMIT NO.	9. WELL NO. 4X
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 174	10. FIELD AND POOL, OR WILDCAT Pink Shale
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 12-19-32 NW 1/4
	12. COUNTY OR PARISH 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 ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(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.)*

Wactus Drilling Corp. San Angelo, Texas spaced 12-1/2" hole at 6:00 PM on 1-4-64. On 1-6-64, 13-3/4" OD 40# N-40 STAG casing was run and cemented 6271' with 950 sack cement. Cement circulated. After 1.00 14 hours tested casing with 600 PSL for 30 minutes. Test OK. Reduced hole to 12-1/2" at 571' and resumed drilling operations.

ILLEGIBLE

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

SIGNED

Original Signed by:
E. A. STALEY

TITLE Area Superintendent

DATE 1-13-64

(This space for Federal or State office use)

APPROVED

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

JAN 13 1964

DATE

J. L. GORDON

*See Instructions on Reverse Side
ACTING 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 0175774
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Pan American Petroleum Corporation		7. UNIT AGREEMENT NAME Flaming Unit
3. ADDRESS OF OPERATOR Box 63 - Hobbs, New Mexico		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 710' FSL X 660' FWL, Sec. 21 At proposed prod. zone (Unit M, SW/4 SW/4)		9. WELL NO. 4X
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx. 4.5 miles west of Hobbs, New Mexico		10. FIELD AND POOL, OR WILDCAT Lusk Strawn
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)	16. NO. OF ACRES IN LEASE 7198.0	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 21-19-32 NMPM
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 11,700'	12. COUNTY OR PARISH Lea
21. ELEVATIONS (Show whether DF, RT, GR, etc.) NA	20. ROTARY OR CABLE TOOLS Rotary	13. STATE New Mexico
22. APPROX. DATE WORK WILL START*		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8"	48#	900'	Circulate
12-1/2	10-3/4"	40.5#	2700'	"
9-7/8"	8-5/8"	36#	4600'	Sufficient to fill to lost circ. zone
7-5/8"	5-1/2"	15.5-17#	11,700'	Sufficient to fill 600' above Strawn.

It is proposed to drill a 11,700' Lusk Strawn Development well. Rotary tools will be used from surface to total depth. Water, native mud and drilling mud (and possibly with air or gas), will be used as the drilling medium. Logs will be run and indicated pays to be evaluated.

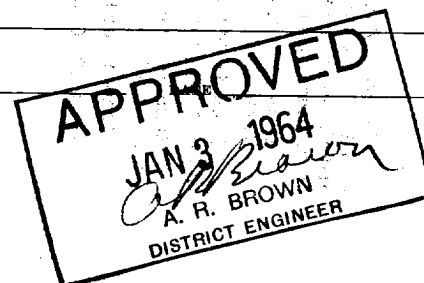
ILLEGIBLE

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Y. R. STALEY TITLE Area Superintendent DATE 12/27/63
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



Instructions

General: This form is designed for submitting proposals to develop certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal 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 as shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir as a different subsurface location or to a new reservoir, use this form with appropriate instructions. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

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 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE: 1963-O-685231