

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief PMB

Copy NID to Field Office He

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 8-9-65

OW WW TA

GW OS PA

Location Inspected _____

Bond released _____

State of Fee Land _____

LOGS FILED

Driller's Log 9-7-65

Electric Logs (No.) 8

E _____ I _____ E-I 2 GR _____ GR-N 2 Micro _____

Lat _____ Mi-L _____ Sonic GR 2 Others Formation Density Log 2

(1DD)

5-4-90

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE Utah
LEASE NUMBER Fee
UNIT Ferron Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Emery Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1965,

Agent's address P. O. Box 480 Company PAN AMERICAN PETROLEUM CORP.
Farmington, New Mexico Signed [Signature]

Phone 325-8841 Agent's title Administrative Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DATE Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline and amount of gas)
Ferron Unit Lease			<u>Ferron Unit Fee</u>							
SW/SW 2	20S	7E	<u>4</u>	<u>(14-2)</u>						Drilling 2200'. Spudded 4-23-65.

FORM FILED IN LIEU OF FORM OGCC-4

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

~~Paul B. Larson~~
Zac

PLUGGING PROGRAM FORM

Name of Company Pen Am Verbal Approval Given To: Frank Hollingworth

Well Name: Ferron Unit # 4 (14-2) Sec. 2 T. 20S R. 7E County: Emery

660' FSL 660' FWL

Verbal Approval was given to plug the above mentioned well in the following manner:

500' 13 3/8" surface casing or 17" hole / 700
↓
48# - H40 X

8 3/4" hole / 7' at 7000 ft

cement with stage tall at base of Ferron (600 PSI)
6 1/4" to Hiabak or Coconino (600 PSI) ↓ shut in

T.D. 8700 / 4 1/2" liner
↓
9.5# - J-55

Might Want to complete if dry
on a Ferron Gas Well.

Does it fit spacing bearing???

Date Verbally Approved: April 13, 1965 Signed: Paul W. Burchell

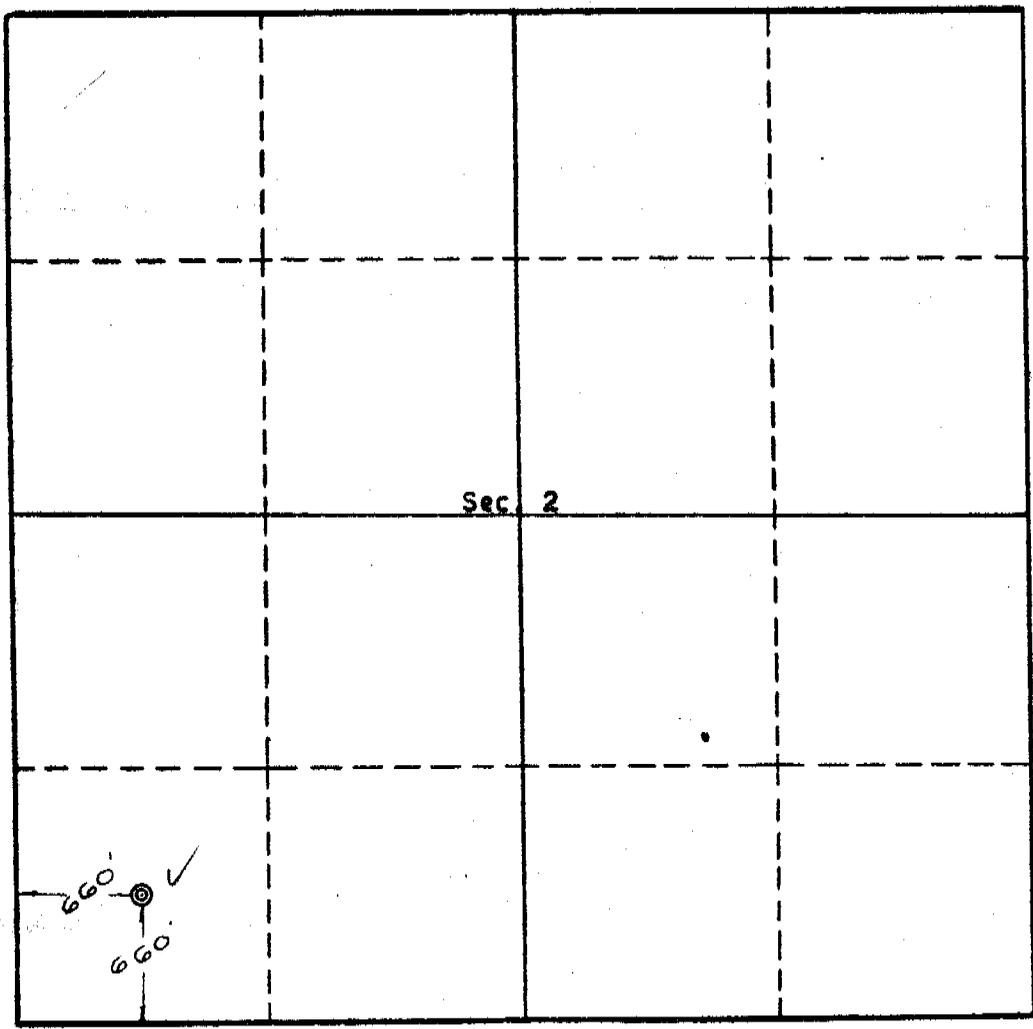
Company Pan American Petroleum Corporation

Well Name & No. Ferron Unit No. 4

Location 660 feet from the South line and 660 feet from the West line.

Sec. 2, T. 20 S., R. 7 E., S. L. M., County Emery, Utah

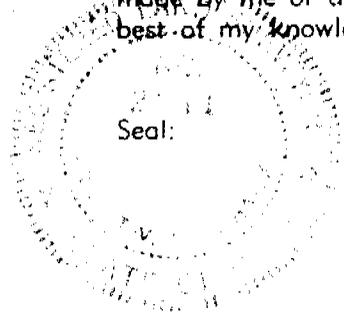
Ground Elevation _____



Scale, 1 inch = 1,000 feet

Surveyed April 13, 19 65

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



Ernest V. Echohawk
Ernest V. Echohawk
Registered Land Surveyor
Utah Registration No. 2611

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

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
PAN AMERICAN PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
P. O. Box 480, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface **660 FSL & 660 FWL**
 At proposed prod. zone **Same**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
1-1/2 miles northeast of Ferron, Utah.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) **660**

16. NO. OF ACRES IN LEASE **20,807.69**

17. NO. OF ACRES ASSIGNED TO THIS WELL **40**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **None**

19. PROPOSED DEPTH **8700**

20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.) **Report later**

22. APPROX. DATE WORK WILL START* **April 21, 1965**

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Ferron Unit

8. FARM OR LEASE NAME

9. WELL NO.
4 (14-2)

10. FIELD AND POOL OR WILDCAT
Wildcat (Development)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW/4 SW/4, Section 2, T-20-S, R-7-E

12. COUNTY OR PARISH **Emery** 13. STATE **Utah**

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 H-40	500'	700 SK
8-3/4	7"	Various	7000'	1000 SK
6-1/4	4-1/2"	9.5 H-80 or J-65	6900-8700	300 SK

Copies of location plat attached.

Well site located Fee Lease owned by Carl V. Larson and Anna D. Larson.

Copies of logs run will be furnished upon completion of well.

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. **Fred L. Nabors, District Engineer**
 ORIGINAL SIGNED BY **F. H. HOLLINGSWORTH** TITLE _____ DATE **April 14, 1965**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

April 19, 1965

Pan American Petroleum Corporation
P. O. Box 480
Farmington, New Mexico

Attention: Mr. Fred L. Nabors, District Engineer

Re: Notice of Intention to Drill Well No.
FERRON UNIT FEE #4 (14-2), 660' FSL &
660' FWL, C SW SW of Sec. 2, T. 20 S.,
R. 7 E., SLBM, Emery County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is granted.

As soon as you have determined that it will be necessary to plug and abandon said well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
Home: 277-2890 - Salt Lake City, Utah

HARVEY L. COONTS, Petroleum Engineer
Home: 487-1113 - Salt Lake City, Utah

Office: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if this well has not been spudded within said period.

Enclosed please find Form OGCC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly assessable near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

Incidentally, in checking your Notice of Intention to Drill we note that you intend to use H-40 grade of casing for your surface pipe. It is recommended that a grade of not less than J-55 be used. It should be seamless and new or new equivalent casing. In setting the pipe, an oil well cement should be used and circulated ✓

Pan American Petroleum Corp.

-2-

April 19, 1965

to surface. It is further recommended that after waiting on the cement, the blowout preventer be tested with clear water at a minimum pressure of 1200 psi for atleast 15 minutes.

Also, this well cannot be completed as a Ferron Gas Well without a hearing before the Utah Oil & Gas Conservation Commission.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:kgw

Enclosure - Forms

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved,
Budget Bureau No. 42-R356.5.

LAND OFFICE Utah
LEASE NUMBER State
UNIT Ferron Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Emery Field Undesignated Kaibab

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1965,

Agent's address P. O. Box 480 Company PAN AMERICAN PETROLEUM CORP.
Farmington, New Mexico Signed ORIGINAL SIGNED BY

Phone 325-8841 Agent's title t. R. TURNER
Administrative Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Ferron Unit Lease SE/NE 21	20S	7E	3	(42-21) 31	725	43	25,486	None	32	Flowing Oil Well
Ferron Unit Lease SW/SW 2	20S	7E	4	(14-2)						Drilling Tight Hole

FORM FILED IN UELI OF FORM 06CC-4

Oil Sales Pan American Petroleum Corporation
Gas used on lease and vented

NOTE.—There were 695 Net Barrels runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE Utah
LEASE NUMBER State
UNIT Ferron Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Emery Field Undesignated Kaibab

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1965,

Agent's address Security Life Building Company Pan American Petroleum Corp.
Denver, Colorado 80202 Signed S. G. Baker

Phone 212-5050 Agent's title Division Services Supervisor

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Ferron Unit Lease SE/NE 21	20S	7E	3	(42-21) 31	746	43	23,847	None	20	Flowing Oil Well
Ferron Unit Lease SW/SW 2	20S	7E	4	(14-2)	None	43	None	None	None	Total Depth 740'. PBD 735'. Bled 60 Bbls water and B&W from test tank while transferring oil to battery. Preparing to test well.
Oil sales Pan American Petroleum Corporation Gas used on lease and vented										

NOTE.—There were 827 Net Bbls runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Ferron Unit Lease
SW/SW 2 20S 7E 4

(14-2)

Drilling
Tight Hole

Oil Sales Pan American Petroleum Corporation
Gas used on lease and vented

NOTE.—There were ^{*}695 Mat. Barrels runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

FORM 9-329 (January 1960) *269.68 BARRELS OF THE ABOVE 695 BARRELS WAS LEASE USE.

16-25700-9 U. S. GOVERNMENT PRINTING OFFICE

TESTING OPERATIONS

Ferron Unit No. 4

Emery County, Utah Section 2, T-20S, R-7E

<u>DATE</u>	<u>FLUID RECOVERY</u>	<u>CONTENT</u>	<u>TIME</u>	<u>REMARKS</u>
June 23, 1965	208	208 Bbl Acid Water	6 hours	Flowed
	33	33 Bbl Acid Water	6 hours	Swabbed
June 24, 1965	346	346 Bbl Acid Water	16 hours	Swabbed
	106	106 Bbl Load Oil	6 hours	Flowed
June 25, 1965	546	128 Bbl Acid Water	48 hours	Swabbed & Flowed
June 26, 1965		248 Bbl Formation Water		
		107 Bbl Load Oil		
		63 Bbl New Oil		
June 27, 1965	161	48 Bbl New Oil	24 hours	20 hrs. swabbed
		113 Bbl Water		4 hrs. flowed
June 28, 1965	138	94 Bbl Water	24 hours	20 hrs. swabbed
		44 Bbl Oil		4 hrs. flowed
June 29, 1965	113	87 Bbl Water	24 hours	Swabbed
		26 Bbl Oil		
June 30, 1965	91	61 Bbl Water	23 hours	20 hrs. swabbed
		30 Bbl Oil		3 hrs. flowed
(To 7 a.m. July 1, 1965)				

Ferron SW/SW2	Unit 20S	Lease 7E	4	(14-2) 31	377	43	5,509	None	435
------------------	-------------	-------------	---	--------------	-----	----	-------	------	-----

Pumping Oil Well
Total Depth 7401
PBD 7351
Completed 8-9-65
FT. 23 BOPD.

Aug 65
Pan Am Ferron

COPY

Oil Sales Pan American Petroleum Corporation
Gas Used On Lease and Vented

Norm.—There were 1,383 runs or sales of oil; NO M cu. ft. of gas sold;

ND runs or sales of gasoline during the month. (Write "no" where applicable.)
Norm.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 8th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1960)

XERO
COPY

XERO
COPY

XERO
COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Fee

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

Farron Unit

2. NAME OF OPERATOR
PAN AMERICAN PETROLEUM CORPORATION

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR
P. O. Box 480, Farmington, New Mexico

9. WELL NO.

4 (14-2)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

10. FIELD AND POOL, OR WILDCAT

Wildcat

660' FWL & 640' FWL

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

**SW/4 SW/4 Section 2,
T-206, R-7E**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
SS 5948'

12. COUNTY OR PARISH
Emery

13. STATE
Utah

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.)*

As a result of the subject well ceasing to produce commercial quantities of oil, we plan to plug and abandon the well as follows:

- 1. Spot 15 sacks cement plug in 4-1/2" liner from FSD 7351' to 7150' and squeeze.**
- 2. Spot 30 sacks cement plug over top of 4-1/2" liner from 6170' to 6000'.**
- 3. Load hole with fluid and spot 10 sacks cement plug from 50' to surface.**
- 4. Pump 15 sacks of cement down 7" - 13-3/8" casing annulus.**
- 5. Clean up location and erect abandonment marker.**

APPROVED BY UTAH OIL AND GAS
CONSERVATION COMMISSION

DATE: 5-9-67 by Paul D. Barkhill
Chief Petroleum Engineer

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

Original Signed By
SIGNED G. W. EATON, JR.
G. W. Eaton, Jr.

TITLE Area Engineer

DATE April 25, 1967

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE Supervisor

DATE 5/1/67

July 28, 1967

Pan American Petroleum Corporation
501 Airport Drive
Farmington, New Mexico

Re: Well No Ferron Unit #4 (14-2)
S8cc 2, T 20 S, R 7 E.,
Emery County, Utah

Gentlemen:

This letter is to advise you that the Subsequent Report of Abandonment and Plugging of the above mentioned well is due and has not been filed with this Division as required by Rule D-2, General Rules and Regulations and Rules of Practice and Procedure, Utah State Division of Oil and Gas Conservation.

Thank you for your attention to this matter.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SHARON CAMERON
RECORDS CLERK

SC:cam

012

PAN AMERICAN PETROLEUM CORPORATION

501 Airport Drive, Farmington, New Mexico
August 2, 1967 ✓

File: E-173-400.1

Subject: Ferron Unit No. 4
Section 2, T-20-S, R-7-E
Emery County, Utah

Oil and Gas Conservation Board
348 East South Temple, Suite 301
Salt Lake City, Utah 84111

Gentlemen:

In response to your letter of July 28, 1967 requesting a Subsequent Report of Abandonment and Plugging of our Ferron Unit No. 4 well, this is to advise you that the well has not yet been abandoned. As per your request, you will be notified when work has been completed.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION

L. O. Speer, Jr.
Area Superintendent

ERH:en

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY OF OIL & GAS OPERATIONS

SUBMIT IN THE STATE*

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Fee

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 "APPLICATION FOR PERMIT—" for such proposals.)

OCT 1 1967
U. S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

7. UNIT AGREEMENT NAME

Farm Unit

8. FARM OR LEASE NAME

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
PAN AMERICAN PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

660' PBL and 660' PBL

9. WELL NO.
4 (14-2)

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA
SW/4 SW/4 Section 2,
T-30-S, R-7-E

14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, GR, etc.)
3948' RDD, 3935' GL

12. COUNTY OR PARISH
Beaver
13. STATE
Utah

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.)*

As a result of the subject well's ceasing to produce commercial quantities of oil, it was plugged and abandoned on October 6, 1967 as follows:

1. Pulled rods and 200 joints of 2-3/8" tubing, leaving two 5' nipples, setting nipple and mud anchor in hole.
2. Spot 30 sacks cement plug in 4-1/2" liner from PBD 7351' to 7150' and squeezed.
3. Spot 50 sacks cement plug at top of 4-1/2" liner 6170-7000'.
4. Loaded hole with fluid and spot 10 sacks cement 50' to surface.
5. Pumped 30 sacks cement down 7" - 13-3/8" annulus.
6. Erected abandonment marker and cleaned up location.

RECEIVED

OCT 13 1967

U. S. GEOLOGICAL SURVEY
FARMINGTON, UTAH

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

SIGNED L. A. Larson TITLE Petroleum Engineer (SE) DATE October 12, 1967
L. A. Larson

(This space for Federal or State office use)

APPROVED BY (ORIG. SGD.) R. A. SMITH TITLE DISTRICT ENGINEER DATE JUL 28 1968
CONDITIONS OF APPROVAL, IF ANY:

7/25/68
Randy A. Smith