

FILE NOTATIONS

Entered in NID File

Checked by Chief

RTD

Entered On S R Sheet

Copy NID to Field Office

Location Map Pinned

Approval Letter

Card Indexed

Disapproval Letter

I W R for State or Fee Land

COMPLETION DATA:

Date Well Completed

6-26-62

Location Inspected

OW.....

WW.....

TA.....

Bond released

GW.....

OS.....

PA

State of Fee Land

LOGS FILED

Subsequent Report

Driller's Log

7-5-62

Electric Logs (No.)

4

E.....

I.....

E-I.....

GR.....

GR-N.....

Micro.....

Lat.....

Mi-L.....

Sonic.....

Others.....

11-18-91
JCR

copy to HC

(Experimental Form April-1962)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LEASE DESIGNATION AND SERIAL Navajo Tribal # 11-20-603-140

1. APPLICATION FOR PERMIT TO:

DRILL [X]

DEEPEN []

PLUG BACK []

6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribe

OIL WELL [X]

GAS WELL []

OTHER []

SINGLE ZONE [X]

MULTIPLE ZONE []

7. UNIT AGREEMENT NAME

2. OPERATOR

Pan American Petroleum Corporation

8. FARM OR LEASE NAME Navajo Tribal #11

3. ADDRESS

Box 480, Farmington, New Mexico

9. WELL NO. 1

4. LOCATION (Report location clearly and in accordance with any State requirements.)

At surface 660' from south line and 1980' from east line Section 2, T-41-S, R-25-E, San Juan County, Utah

10. FIELD AND POOL, OR WILDCAT Wildcat

11. SEC., T., R., M., OR B.L. & SURVEY, OR B.L. & AREA Section 2, T-41-S, R-25-E

At proposed prod. zone

1-511-5E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12. COUNTY OR PARISH San Juan

13. STATE Utah

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

660'

16. NO. OF ACRES IN LEASE 24.00

17. NO. OF WELLS ON THIS LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO SAME RESERVOIR(S) 1

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL ON THIS LEASE--PT.

None

19. PROPOSED DEPTH 5750

20. ROTARY OR CABLE TOOLS Rotary Tools

21. ELEVATIONS Derick Floor

Rotary Kelly Bushing

Rotary Table

Ground

Other

22. APPROX. DATE WORK WILL START

To report later

May 5, 1962

23. KIND AND STATUS OF BOND

Nation Wide

24. IF LEASE PURCHASED WITH ANY WELLS DRILLED, FROM WHOM PURCHASED (Name and address)

25. PROPOSED CASING AND CEMENTING PROGRAM

Table with 6 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, NEW OR SECOND HAND, DEPTH (MD), SACKS OF CEMENT. Rows show 12-1/2" hole with 9-5/8" casing (32.3# weight) to 500 MD depth (225 sacks) and 8-3/4" hole with 4-1/2" casing (10.5# weight) to 5750 MD depth (225 sacks).

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

We proposed to drill the above well as a basement test. Stimulation will be as indicated from logs run. Copies of any logs run will be furnished when well completed. Copy of location plot is attached.

Verbal approval received 5/1/62 Ward to Bauer.

26. Original signed by R. M. BAUER, JR. Senior Petroleum Engineer May 8, 1962

(This space and space 28 for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY CONDITIONS OF APPROVAL, IF ANY: TITLE DATE

* See Instructions On Reverse Side

COMPANY Pan American Petroleum Corporation

Well Name & No. Navajo Tribal "M" No. 1

Navajo Tribal

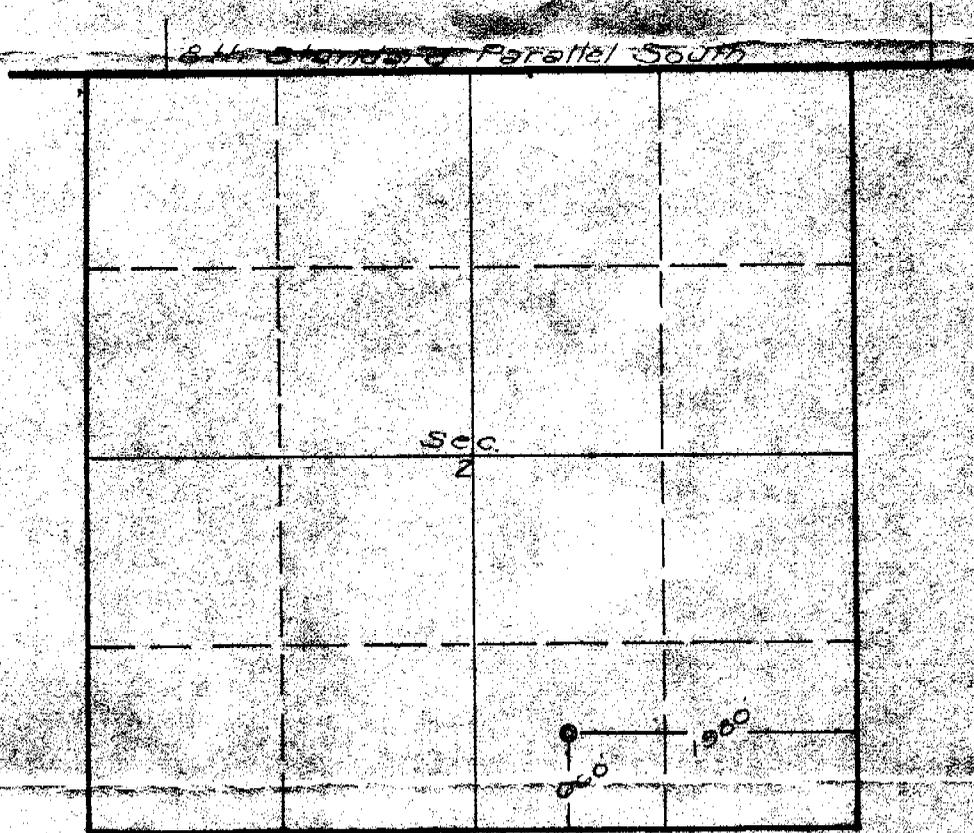
Lease No. 14-20-603-348

Location 660 feet from the South line and 1980 feet from the East line.

Being in SW1/4

Sec. 2, T11 S, R25 E, ~~N4E~~, Salt Lake Meridian, San Juan County, Utah.

Ground Elevation To report later



Surveyed May 4, 1962

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. Echobawk

Ernest V. Echobawk

Registered Land Surveyor

N. M. Reg. # ~~1005~~ 3602

Practicing in Utah under laws regulating Professional Engrs.

and Land Surveyors, Utah Code 1953, Title 58-10-16

Seal:

Farmin



May 10, 1962

Pan American Petroleum Corp.
Box 480
Farmington, New Mexico

Attn: R. M. Bauer, Jr., Senior Petroleum Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tribal "M" #1, which is to be located 660 feet from the south line and 1980 feet from the east line of Section 2, Township 41 South, Range 25 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,
EXECUTIVE DIRECTOR

CBF:kb

cc: Jerry W. Long, Dist. Eng.
U. S. Geological Survey

H. L. Coonts - OGCC, Moab

Copy to HC

R-2

(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Tribal _____
Allottee _____
Lease No. 11-27-603-142

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
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 REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING 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)

Navajo Tribal #12

Farmington, New Mexico, May 22, 1962

Well No. 1 is located 660 ft. from S line and 1980 ft. from E line of sec. 2

S. 1, S. 4 Section 2 T-11-S R-21-E S. 1. E. 1.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6662 ft. (RDB)

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)

The above well was spudded on May 18, 1962 and drilled to a depth of 908'. 9 3/8" casing was landed at that depth and cemented with 225 sacks Super cement containing 2% calcium chloride. After waiting on cement tested casing with 500 psi for 30 minutes. Test ok.

Reduced hole to 8 3/4" at 908' and resumed drilling.

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

Address P. O. Box 480

Farmington, New Mexico

Attn: L. O. Spoor, Jr.

ORIGINAL SIGNED BY

By R. M. Bauer, Jr.

Title Senior Petroleum Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Navajo Tribal
LEASE NUMBER 14-20-603-348
UNIT Navajo Tribal "M"

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1962.

Agent's address P. O. Box 480 Company Pan American Petroleum Corporation
Farmington, New Mexico Signed [Signature]

Phone 325-8841 Agent's title Area Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCE	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)
SE/4 Sec. 2	41S	25E	1	--						Navajo Tribal "M" Well No. 1 Drilling 3115'. Well Spudded May 18, 1962.

FORM FILED IN FILE OF FORM 0600-4

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.)

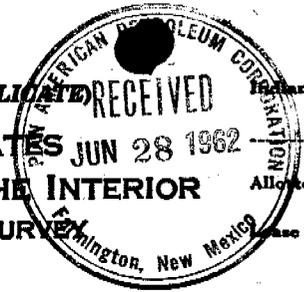
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

CW
NLD

Form 9-831 b
(April 1962)

Budget Bureau No. 49-R369.4
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)



Field Agency Havasai Tribal

APPROVED
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allocation No. 14-00-603-348

JUN 25 1962

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 REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING 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)

Havasai Tribal #1 Farmington, New Mexico June 25, 1962

Well No. 1 is located 660 ft. from S line and 1900 ft. from E line of sec. 2

SW 1/4 SE 1/4 Section 2 T-11-S R-25-E S.1.E.M.
 (4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan N.M.
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4663 ft. (RUB)

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)

As a result of not encountering commercial zones of oil or gas nor production lithologies, the above well is to be plugged and abandoned as follows:

1. Spot 100 sacks cement plug 1400-5740 (SD) across top of Lower Lacey and Desert Creek. (and Akab)
2. Spot 30 sacks cement plug 4270-4300 across top of Hermes
3. Spot 30 sacks cement plug 2450-2560 across top of Cutler
4. Spot 30 sacks cement plug 1350-1460 in base of intermediate casing.
5. Spot 10 sacks cement plug in top of surface casing and erect abandonment marker
6. Use heavy mud laden fluid between all plugs and clean up location

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

Address Box 480

Farmington, New Mexico

Attn: L. O. Spear, Jr.

By F. H. Hollingsworth

Title Petroleum Engineer

Verbally approved later to Hollingsworth June 25, 1962

Copy H. K. C.

Budget Bureau No. 42-R356.5
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Navajo Tribal
LEASE NUMBER 14-20-603-34
UNIT Navajo Tribal "M"

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1962,

Agent's address P. O. Box 480 Company Pan American Petroleum Corporation
Farmington, New Mexico Signed R. B. Turner

Phone 325-8841 Agent's title Administrative Clerk

SEC. AND 1/4 OF 36	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 content of gas)
S1/4 S1/4 Section 2	41S	25E	1	—						Navajo Tribal "M" Well No. 1 - Total Depth 5760'. Well was plugged and abandoned on June 26, 1962 as a result of not obtaining oil or gas in commercial quantities.

FORM FILED IN LIEU OF FORM OGCC-4

FINAL REPORT

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

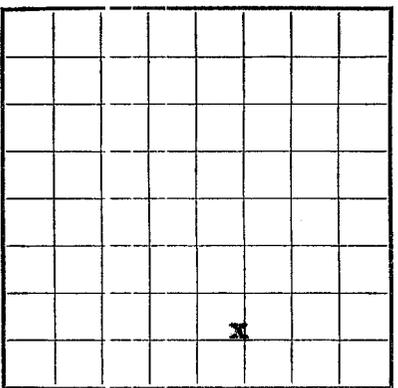
No runs or sales of gasoline during the month. (Write "no" where applicable.)

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.

Case No. 112
 Form 9-33

Bureau No. 42-R355.4
 Approval expires 12-31-60.

U. S. LAND OFFICE Navajo Tribal
 SERIAL NUMBER 14-20-603-348
 LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address P. O. Box 480, Farmington, New Mexico
 Lessor or Tract Navajo Tribal "M" Field Wildcat State Utah
 Well No 1 Sec. 2 T. 41S R. 25E Meridian SLM County San Juan
 Location 660 ft. N of S Line and 1980 ft. W of E Line of Section 2 Elevation 4663
(Derrick floor relative to sea level)

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.
 Signed F. H. Hollingsworth
 Original stored by
 F. H. HOLLINGSWORTH

Date July 2, 1962 Title Petroleum Engineer

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

Commenced drilling May 18, 1962 Finished drilling June 23, 1962

OIL OR GAS SANDS OR ZONES
 (Denote gas by G)

No. 1, from None to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8"	12.25	8 RT	CPM	100	Chisel				Shot casing
7 5/8"	8.17	8 RT	CPM	100	Chisel				Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	508	275			
7 5/8"	1464	250			

PLUGS AND ADAPTERS

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

SHOOTING RECORD

FOLD MARK

FOLD

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

Adapters—Material ----- Size -----

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 5760 feet, and from ----- feet to ----- feet

Cable tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet

Completed as dry hole

June 26, 1962

DATES

Plugged and abandoned

Put to producing June 26, 1962

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 ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

G. F. Rollins -----, Driller

E. W. Lacey -----, Driller

V. J. Roberts -----, Driller

Max Bailey -----, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	1390	1390	Surface sands, shales, & limes.
1390	2495	1105	Chinle
2495	4332	837	Cutler
4332	5248	916	Hermosa
5248	5430	182	Upper Ismay
5430	5591	161	Lower Ismay
5591	5704	113	Desert Creek
5704	5760	56	Alkah
FROM-	TO-	TOTAL FEET	FORMATION

(OVER) FORMATION RECORD—Continued