

FILE NOTATIONS

Entered in NID File ✓

Entered On S R Sheet ✓

Location Map Pinned ✓

Card Indexed ✓

I W R for State or Fee Land

Checked by Chief R.P.S.

Copy NID to Field Office ✓

Approval Letter ✓

Disapproval Letter

COMPLETION DATA:

Date Well Completed 6-13-62

OW WW TA

GW OS PA X

Location Inspected R-27-62

Bond released W.H.E.
State of Fee Land

LOGS FILED

Driller's Log 6-22-62

Electric Logs (No. 1) 2

E I E-I ✓ GR GR-N ✓ Micro ✓

Lat. ✓ Mi-L ✓ Sonic ✓ Others

Subsequent report of A. H. ...

Copy to HC

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

Form 9-331a
(Feb. 1951)

	X		
		12	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-04271
Unit Murphy Range Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	X	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 March 29, 1962

Murphy Range Unit
Well No. 1 is located 510 ft. from [N] line and 1830 ft. from [E] line of sec. 12

NE/4 NW/4 of Section 12 T-28S R-18E SIM
(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 _____ ft. (to be reported later)

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 drill Murphy Range Unit Well No. 1 with rotary tools to an approximate total depth of 6500' to test the Mississippian formation.

The following tentative casing program is planned:

SIZE	DEPTH	CEMENT	REMARKS
10-3/4"	800'	450 Sacks(est)	Incor Circulate-Neat
7-5/8"	3850'	400 Sacks(est)	4% gel with 1-1/2 pounds Tuf plug per sack with neat on bottom.
5-1/2"	6500'	250 Sacks(est)	4% gel with 1-1/2 pounds Tuf plug per sack with neat on bottom.

7-5/8" casing if run, will be cemented back to top of Salt.
5-1/2" casing will have sufficient cement to bring cement to a point of about 500' above prospective pay zones. (See reverse side)

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. Speer, Jr.

ORIGINAL SIGNED BY
R. M. Bauer, Jr.

By _____

Title Senior Petroleum Engineer

COMPANY Pan American Petroleum Corporation

Well Name & No. Murphy Range Unit No. 1

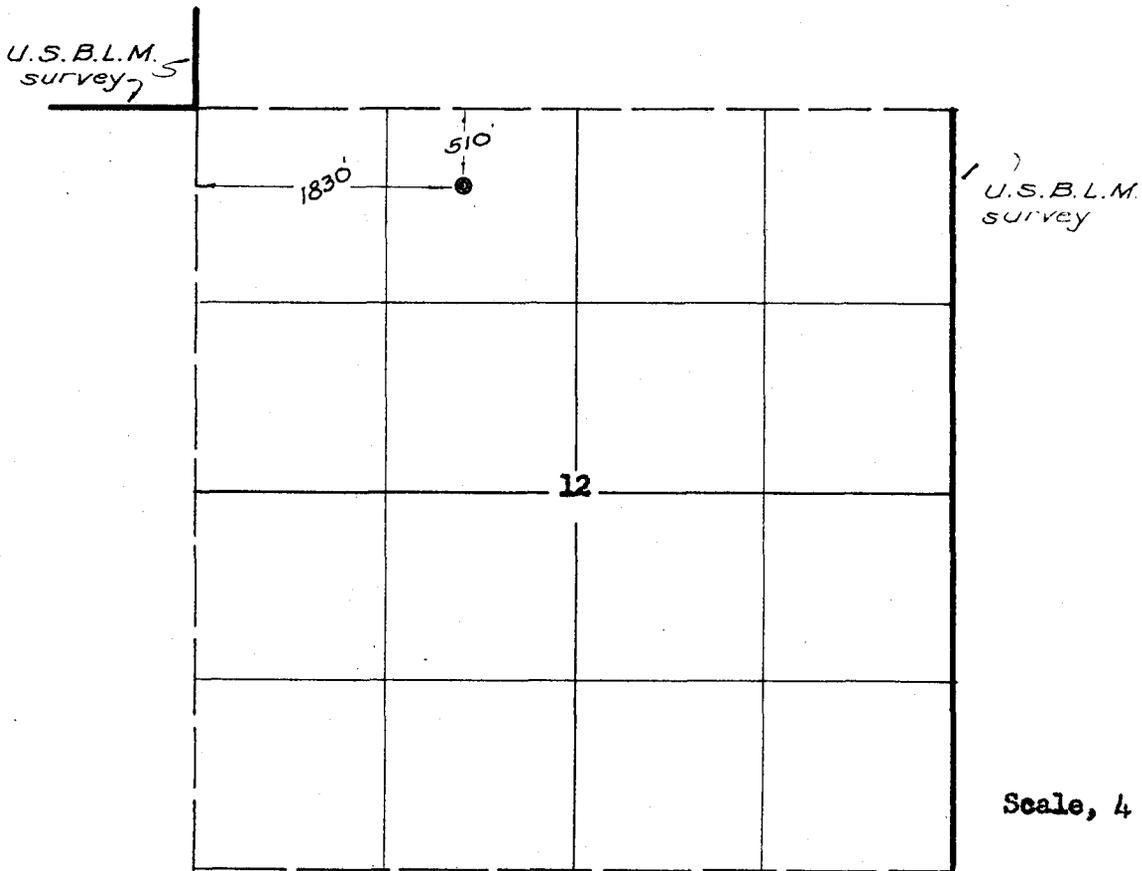
Federal
Lease No. U-04271

Location 510 feet from the North line and 1830 feet from the West line.

Being in NE1/4

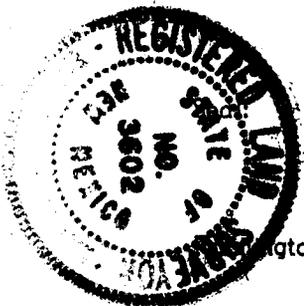
Sec. 12, T. 28 S., R. 18 E., ~~Range~~, S. L. M., San Juan County, Utah

Ground Elevation: To be reported later



Surveyed March 24, 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.



Albuquerque, New Mexico

Ernest V. Echohawk

Ernest V. Echohawk
Registered Land Surveyor
N. M. Reg. # ~~1545~~ 3602
Practicing in Utah under laws
regulating Professional Engrs.
and Land Surveyors, Utah Code 1953,
Title 58-10-16.

April 2, 1962

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

Attn: L. O. Speer, Jr.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Murphy Range Unit #1, which is to be located 510 feet from the north line and 1830 feet from the west line of Section 12, Township 28 South, Range 18 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.

Since you are drilling this well as a farmout from Shell Oil Co., the designated unit operator, it will also be necessary to file a copy of Designation of Operator, USGS Form 9-1123 with this Commission. To be exempt from requiring this Commission's approval to drill the subject well under provision of Rule A-3, said approval is not necessary when an unexecuted copy of the unit agreement is on file with this office; however, at this time we do not have a copy on file. In such case, it is only necessary to file copies of all notices of intention and subsequent reports that are filed with the United States Geological Survey.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,
EXECUTIVE DIRECTOR

CBF:kb

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

H. L. Coonts - OGCC, Moab

PAN AMERICAN PETROLEUM CORPORATION

Box 480, Farmington, New Mexico
April 5, 1962

File: H-269-400.1

Subject: Notice of Intention to Drill
Murphy Range Unit No. 1

The State of Utah
Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Attention: Mr. Cleon B. Feight

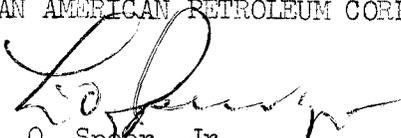
Gentlemen:

Please refer to your letter of April 2, 1962 wherein you requested that a copy of the Designation of Operator, U. S. Geological Survey Form 9-1123, be filed with your office.

Attached please find the requested form covering Shell Oil Company's designation to Pan American Petroleum Corporation as operator for the Murphy Range Unit.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION


L. O. Speer, Jr.
Area Superintendent

JCG/bp
Attach.

cc: Mr. J. W. Long
U. S. Geological Survey
Durango, Colorado

Mr. H. L. Coonts
Utah Oil & Gas Conservation Commission
Moab, Utah

Submit in quadruplicate

DESIGNATION OF AGENT

Supervisor, Oil and Gas Operations:

The undersigned is, on the records of the Geological Survey, Unit Operator under the Murphy Range unit agreement, San Juan County, Utah (state), No. 14-08-0001-7732 approved August 11, 1961 and hereby designates:

NAME: Pan American Petroleum Corporation

ADDRESS: P. O. Box 1410
Fort Worth, Texas

as its agent, with full authority to act in its behalf in complying with the terms of the Unit Agreement and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing and completing unit well No. 2 in the 15/4 N/4 Sec. 12 T. 38 S., R. 18 E., S.1.E.1., San Juan County, Utah. (Unsurveyed Lands)

It is understood that this designation of agent does not relieve the Unit Operator of responsibility for compliance with the terms of the unit agreement and the Oil and Gas Operating Regulations. It is also understood that this designation of agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

In case of default on the part of the designated agent, the Unit Operator will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The Unit Operator agrees promptly to notify the oil and gas supervisor of any change in the designated agent.

This designation of agent is deemed to be temporary and in no manner a permanent arrangement.

This designation is given only to enable the agent herein designated to drill the above-specified unit well. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate district office of the U. S. Geological Survey a completed file of all required Federal reports pertaining to subject well. It is understood that this designation of agent is limited to field operations and does not cover administrative action requiring specific authorization of the Unit Operator.

Shell Oil Company

Unit Operator

March 6, 1962

Date

By:

M. W. Sheppard
Its Attorney in Fact

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-01271
UNIT Murphy Range Unit

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 April, 1962,

Agent's address P. O. Box 480 Company Pan American Petroleum Corporation
Farmington, New Mexico Signed L. G. Speer, Jr.

Phone 325-8811 Agent's title Area Superintendent

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)
NE/4 NW/4 Sec. 12	23S	18E	1	-						Murphy Range Unit Well No. 1 was spudded on April 24, 1962. Drilling 2000' (Mississippian Wildcat Test)

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-01271
UNIT Murphy Range Unit

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 April, 1962,

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

Phone 325-8841 Agent's title Area Superintendent

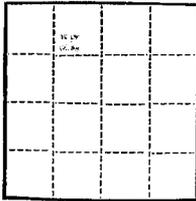
SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE 1/4 NW 1/4 Sec. 12	28S	1SE	1	-						Murphy Range Unit Well No. 1 was spudded on April 24, 1962. Drilling 2000' (Mississippian Wildcat Test)

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.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-9271
Unit Sundry Range Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	X
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)

Sundry Range Unit Parliament, New Mexico May 10, 1962

Well No. 1 is located 510 ft. from N line and 1400 ft. from W line of sec. 12

10/4 N/4 of Section 10 T-22-S R-10-E 12

(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 6020 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)

On April 24, 1962, the above well was snudded and drilled to a depth of 860'. 10 3/4" casing was set at that depth with 300 sacks Incon cement containing 4% gel and 1 1/2 pounds Tuf Plug per sack followed by 100 sacks neat Incon cement containing 4% calcium chloride. Cement circulated to surface. After waiting on cement, tested casing with 600 psi for 30 minutes. Test ok. Reduced hole to 9 7/8" at 860' 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 San American Petroleum Corporation

Address P. O. Box 100

Parliament, New Mexico

By _____

Attn: L. E. Beer, Jr.

Title Senior Petroleum Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-04271
UNIT Murphy Range Unit

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.	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)
NE/4 NW/4 Sec. 12	28S	18E	1	--						Murphy Range Unit Well No. 1 Drilling 6201'.

FORM FILED IN LIEU 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.

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. H-04271
Unit Murphy Range Unit

	X		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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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.....	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Murphy Range Unit Farmington, New Mexico June 12, 1962

Well No. 1 is located 510 ft. from N line and 1830 ft. from E line of sec. 12

NE/4 NW/4 of Section 12 T-28-S R-18-E S1M
(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 6018 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)

As a result of not obtaining commercial production, we propose to plug and abandon the above well as follows:

1. Spot 60 sacks of cement, plug 6400'-6509' (T.D.) across top of McCracken.
2. Spot 60 sacks of cement, plug 5450'-5550' across top of Mississippian.
3. Spot 60 sacks of cement, plug 4015'-4115' across top of Salt.
4. Spot 60 sacks of cement, plug 2625'-2725' across top of Hermosa.
5. Spot 50 sacks of cement, plug 770'-840' in base of surface casing.
6. Spot 10 sacks of cement for surface plug 0-20' and erect abandonment marker 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 P. O. Box 480

Farmington, New Mexico

Attn: L. C. Speer, Jr.

By E. H. Hollingsworth

Title Petroleum Engineer

Verbal approval received Long to Hollingsworth June 12, 1962.

(SUBMIT IN TRIPLICATE)

Land Office Utah

Lease No. H-04271

Unit Murphy Range Unit

	X		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Murphy Range Unit Farmington, New Mexico June 12, 19 62

Well No. 1 is located 510 ft. from N line and 1830 ft. from E line of sec. 12

NE/4 NW/4 of Section 12 T-28-S R-18-E SIM
(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 6018 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)

DST NO. 1 3285'-3365' Hermosa. Mis-run, packer did not hold.

DST No. 2 3255'-3365' Hermosa. Tool open 1 hour with very weak blow air instantly and died in 30 minutes. Recovered 90' very slightly gas out mud. Initial 30 minute bottom hole pressure shut in 1010 and final 30 minute bottom hole pressure shut in 655. Bottom hole pressure flowing 110. Hydrostatic in 1640 and out 1640. Bottom hole temperature 85° F.

DST No. 3 3550'-3713' Upper Hermosa. Tool open 1-1/4 hours with weak blow and died in 30 minutes. Recovered 80' slightly gas out mud. Initial 30 minute bottom hole pressure shut in 960 and final 30 minute bottom hole pressure shut in 520. Bottom hole pressure flowing 50-100. Hydrostatic in 1800 and out 1800.

(See reverse side)

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

By F. H. Halberg

Attn: L. C. Speer, Jr.

Title Petroleum Engineer

At 3905' ran Induction-Electrical, Microlog-Caliper, Gamma Ray-Sonic and Dipmeter logs and reduced hole to 3-3/4", converting to salt base mud.

DST No. 4 4940'-5037' Paradox and Salt. Tool open 1 hour 40 minutes with fair blow air immediately and died in 1 hour. Recovered 75' gas cut mud. Initial 30 minute bottom hole pressure shut in 200 and final 30 minute bottom hole pressure shut in 200. Bottom hole pressure flowing 100-125. Hydrostatic in 2785 and out 2785. Bottom hole temperature 110° F.

DST No. 5 5507'-5590' Mississippian. Tool open 3 hours with fair blow air immediately and very weak at end of test. Recovered 3150' salty sulfur water with no show. Initial 30 minute bottom hole pressure shut in 1660 and final 30 minute bottom hole pressure shut in 1660. Bottom hole pressure flowing 345-1490. Hydrostatic in 3110 and out 3140. Bottom hole temperature 120° F.

DST No. 6 5652'-5825' Mississippian. Tool open 1 hour 50 minutes with good blow air immediately and died in 10 minutes. Recovered 3600' black sulfur water with no show. Initial 30 minute bottom hole pressure shut in 1830 and final 30 minute bottom hole pressure shut in 1830. Bottom hole pressure flowing 1800-1830. Hydrostatic in 3310 and out 3310. Bottom hole temperature 140° F.

DST No. 7 6145'-6230' Devonian. Tool open 1 hour 50 minutes. Very weak blow air throughout. Recovered 90' mud with no show. Initial 30 minute bottom hole pressure shut in 2190 and final 30 minute bottom hole pressure shut in 1575. Bottom hole pressure flowing 105-135. Hydrostatic in 3475 and out 3475. Bottom hole temperature 110° F.

DST No. 8 6295'-6350'. Mis-run, Drill pipe stuck at 5747.

DST No. 9 6289'-6371' Devonian. Tool open 1 hour with slight blow air. Recovered 420' mud with no show. Initial 30 minute bottom hole pressure shut in 2285 and final 30 minute bottom hole pressure shut in 1870. Bottom hole pressure flowing 65-275. Hydrostatic in 3630 and out 3630. Bottom hole temperature 106° F. Recovery of mud was due to loss of mud from annulus when by-pass tool was first opened and tool was reset satisfactorily.

DST No. 10 6391'-6509' McCracken. Tool open 2-1/2 hours with good blow air immediately and continued throughout. No gas to surface. Recovered 2219' fluid consisting of 219' water and mud and 2000' salty black water with no show. Bottom hole pressure flowing 140-1020. Final 30 minute bottom hole pressure shut in 1710. Hydrostatic in 3560 and out 3440. Bottom hole temperature 110° F.

110

U. S. LAND OFFICE Utah
SERIAL NUMBER U-04271
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The American Petroleum Corporation Address P. O. Box 480, Farmington, New Mexico
Lessor or Tract Murphy Range Unit Field Wildcat State Utah
Well No. 1 Sec. 12 T. 26S R. 16E Meridian S. 1. N. County San Juan
Location 510 ft. [N.] of 5 Line and 130 ft. [E.] of 11 Line of Section 12 Elevation 6018
(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

Date June 20, 1962 Title Petroleum Engineer

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

Commenced drilling April 24, 1962 Finished drilling June 10, 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-	
10 3/4"	32.75	5	Metrolon	793	Chisel				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	600	400	Kaliburton 1 Plug		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Charge used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

FOLD MARK

TOOLS USED

Rotary tools were used from 0 feet to 6509 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed as Dry Hole on June 13, 1962, Plugged and Abandoned
 Put to producing June 13, 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

W. L. Cooper, Driller L. R. Starwalt, Driller
 James Gracie, Driller Leonard Brown, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	800	800	Surface sand & shale
800	2675	1875	Moenkopi shale
2675	4064	1389	Hermosa
4064	5194	1130	Top of Salt
5194	5497	303	Base of Salt
5497	6092	595	Mississippian
6092	6234	142	Devonian (Gurey)
6234	6420	186	Albert
6420	6462	42	McCracken
6462	6509	47	Cambrian
DEPTH-	LOG-	LOGGED FEET	FORMATION

MOENKOPFI RECORD - CONTINUED

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. U-0271
Unit Murphy Range Unit

X		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Murphy Range Unit Farmington, New Mexico June 28, 1962

Well No. 1 is located 510 ft. from N line and 1830 ft. from W line of sec. 12

NE/4, N/4, Section 12 T-28-S R-18-E G1M
(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 6018 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)

The above well was plugged and abandoned on June 13, 1962 as follows:

1. Spot 60 sacks of cement, plug 5400'-5500' (T.S.) across top of McCracken.
2. Spot 60 sacks of cement, plug 5450'-5550' across top of Mississippian.
3. Spot 40 sacks of cement, plug 4015'-4115' across top of Salt.
4. Spot 80 sacks of cement, plug 2625'-2725' across top of Hermosa.
5. Spot 50 sacks of cement, plug 770'-840' in base of surface casing.
6. Spot 10 sacks of cement for surface plug 0-20' and erect abandonment marker.
7. Mud used between all plugs.
8. Cleaned up location and returned ground to original contours.

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 450

Farmington, New Mexico

Attn: L. S. Spear, Jr.

By F. H. Hollingsworth

Title Petroleum Engineer

Copy H. L. G.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

LAND OFFICE Utah
LEASE NUMBER U-04271
UNIT Murphy Range Unit

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. R. Turner

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 content of gas)
NE/4 NW/4 Sec. 12	28S	18E	1	—						<p>Murphy Range Unit Well No. 1 - Total Depth 6509'. Well was Plugged and Abandoned on June 13, 1962 as a result of not obtaining Oil or Gas in Commercial quantities.</p> <p><u>FINAL REPORT.</u></p>

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.