

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 RSD
 Copy NID to Field Office ✓
 Approval Letter _____
 Disapproval Letter _____

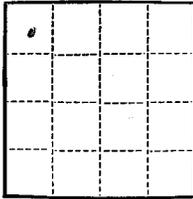
COMPLETION DATA:

Date Well Completed 2-27-61 Location Inspected _____
 OW _____ WW _____ TA _____ Bond released _____
 GW _____ OS _____ PA ✓ State of Fee Land _____

LOGS FILED

Driller's Log 3-13-61
 Electric Logs (No.) 2

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____
 Lat _____ Mi-L _____ Sonic ✓ Others Laterology - Gamma Ray



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. **SL - 09999-A**
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	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)

January 31, 19 61

Murphy-Feder-1

Well No. **1** is located **660** ft. from **{N}** line and **660** ft. from **{E}** line of sec. **11**

N. NW **Sec. 11**
(¼ Sec. and Sec. No.)

T-39-S **R-19-E**
(Twp.) (Range)

S.L.M.
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~depth~~ ^{ground} above sea level is _____ 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)

We propose to drill a well at the above location to an approximate total depth of 3300' to test the producing capacity of the Paradox formation. 300' of 10 3/4" O.D. casing will be set and cemented to surface. Should commercial accumulation of hydro-carbons be found, a 5 1/2" O.D. oil string will be used.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The Atlantic Refining Company**

Address **P. O. Box 520, Casper, Wyoming**

By *AW Klapin*

Title **Regional Drilling Manager**

To State of Utah Reply To _____
Oil & Gas Conservation Commission
Salt Lake City 11, Utah

Ground level elevation has not been determined. This information
will be forwarded to you within the next several days.

Date 1/31/61 19 _____ From Ad Klay in/be

REPLY BELOW

Date _____ 19 _____

COMPANY THE ATLANTIC REFINING COMPANY

Well Name & No. MURPHY FEDERAL WELL No: 1

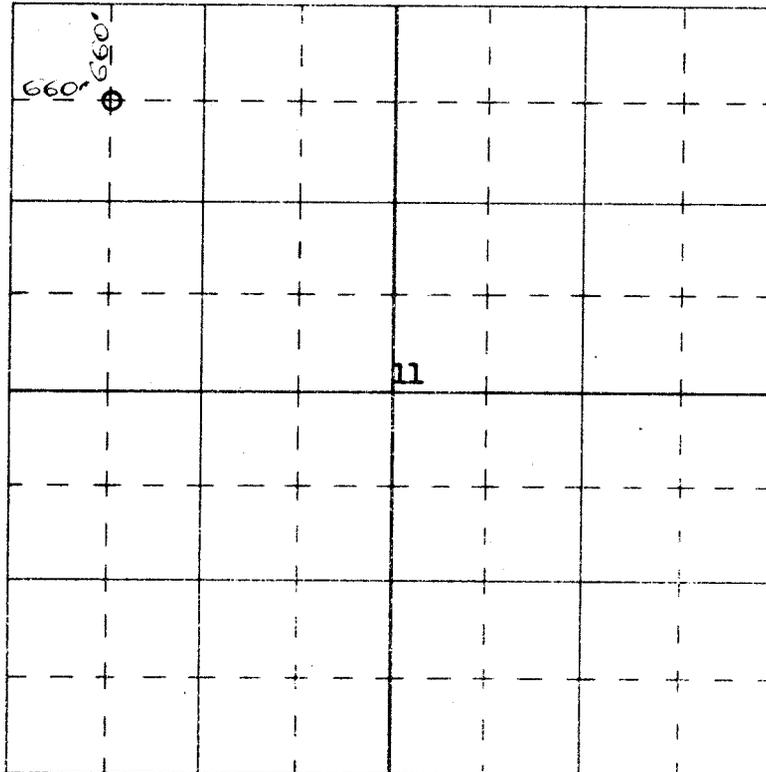
Lease No. _____

Location 660' FROM THE NORTH LINE AND 660' FROM THE WEST LINE.

Being in Center of the NW¹/₄ NW¹/₄

Sec. 11, T 39 S, R 19 E, S.L.M. SAN JUANC COUNTY, UTAH

Ground Elevation _____



Scale — 4 inches equals 1 mile

Surveyed 29 January, 19 61

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.



James P. Leese
Registered Land Surveyor.
James P. Leese
Utah Reg. No. 1472

SAN JUAN ENGINEERING CO., FARMINGTON, NEW MEXICO

February 1, 1961

The Atlantic Refining Company
P. O. Box 520
Casper, Wyoming

Attention: Regional Drilling Manager

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Murphy-Federal 1, which is to be located 660 feet from the north line and 660 feet from the west line of Section 11, Township 39 South, Range 19 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted. However, this approval is conditional upon a plat being filed in accordance with Rule C-4, General Rules and Regulations and Rules of Practice and Procedure, Oil and Gas Conservation Commission of the State of Utah.

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

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:co

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

Copy to HC RLL

Handwritten mark

THE ATLANTIC REFINING COMPANY
INCORPORATED - 1870
PETROLEUM PRODUCTS

February 1, 1961

DOMESTIC PRODUCING DEPARTMENT

ADDRESS REPLY TO:
P. O. BOX 520
CASPER, WYOMING

State of Utah
Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Dear Sir:

The ground elevation of the Murphy-Federal No. 1
Well in Section 11, T-39-S, R-19-E, San Juan
County, Utah is 5806.2'

A. D. Kloxin
A. D. Kloxin

bc

Copy to HC R/Q

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

Form 9-331a
(Feb. 1951)

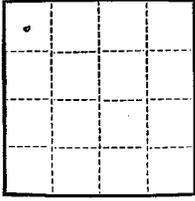
(SUBMIT IN TRIPLICATE)

Land Office

Lease No. Utah - 09999-A

Unit

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	
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	X
NOTICE OF INTENTION TO ABANDON WELL		

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

February 13, 1961

Murphy-Federal

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 11

NW Sec. 11
(¼ Sec. and Sec. No.)

T-39-S R-19-E
(Twp.) (Range)

S.L.M.
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~water~~ ground above sea level is 5806.2 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)

This well was spudded at 1:00 a.m. 2/7/61. Drilled 15' hole to 516'. Set nine joints of 10 3/4" O.D., 32.75#, H-40 casing at 301.25'. Cemented with 130 sacks regular mix diamix plus 2% CaCl and 100 sacks of common cement plus 2% CaCl. Plug down 3:00 p.m. 2/10/61. Cement circulated. 9:00 to 9:00 p.m. 2/11/61. Installed BOP's. Tested casing with 800# for 30 minutes. O.K.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Atlantic Refining Company

Address P. O. Box 520
Casper, Wyoming

By [Signature]
Title Regional Drilling Manager

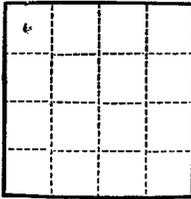
amf

Copy to HC

R22

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R368.4
Approval expires 12-31-60.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office
Lease No. Utah - 09999-A
Unit

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 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)

February 27, 19 61

Murphy-Federal

Well No. 1 is located 660 ft. from [N] line and 660 ft. from [E] line of sec. 11

N. 11 Sec. 11 T-39-S R-19-E S. 1. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

ground

The elevation of the ~~center~~ ground above sea level is 5806.2 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)

Ran DST #1 testing open hole 2018-2060'. 3/4" BC, 1" TC, No WC. Tool open one hour. Had very weak air blow for 20 seconds and then died. Recovered 8' drilling mud. IBHFC - 50%, IBHFF - 50%, FBHFF - 50%, FBHFC - 50%.

Ran DST #2 testing open hole 2205-2308'. 3/4" BC, 1" TC, no WC. Tool open 1 1/4 hour. Recovered 40' drilling mud. IBHFF - 20%, FBHFF - 35%, FBHFC - 70%.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Atlantic Refining Company

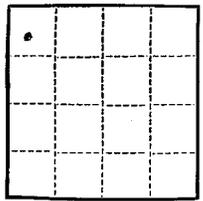
Address P. O. Box 520

Casper, Wyoming

By AW Headin

Title Regional Drilling Manager

TV



(SUBMIT IN TRIPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. **Utah - 09999-A**
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<input checked="" type="checkbox"/>		

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

March 1, 1961

Murphy-Federal

Well No. **1** is located **660** ft. from **N** line and **660** ft. from **E** line of sec. **11**
 N. N. **Sec. 11** **T-39-S** **R-19-E** **S.L.M.**
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **San Juan** **Utah**
 (Field) (County or Subdivision) (State or Territory)

ground

The elevation of the ~~derrick floor~~ above sea level is **5806.2** 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)

This well was drilled to a total depth of 3283'. No commercial accumulations of hydrocarbons were encountered to this depth. We therefore propose to plug and abandon the well in the following manner.

- 90 sacks common cement plug 3283-3100'
- 40 sacks common cement plug 1170-1070'
- 35 sacks common cement plug 325- 275'
- 10 sacks common cement plug in top of 10 3/4" casing

The above cement plugs were verbally approved by the USGS representative in Durango, Colorado.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The Atlantic Refining Company**
 Address **P. O. Box 520**
Casper, Wyoming
 By *A. W. Keapin*
 Title **Regional Drilling Manager**

March 2, 1961

The Atlantic Refining Co.
P. O. Box 520
Casper, Wyoming

Attn: A. D. Kloxin, Reg. Drilling Manager

Gentlemen:

This is to acknowledge receipt of your notice of intention to abandon Well No. Murphy-Federal #1, which is located 660 feet from the north line and 660 feet from the west line of Section 11, Township 39 South, Range 19 East, SLBM, San Juan County, Utah.

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

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

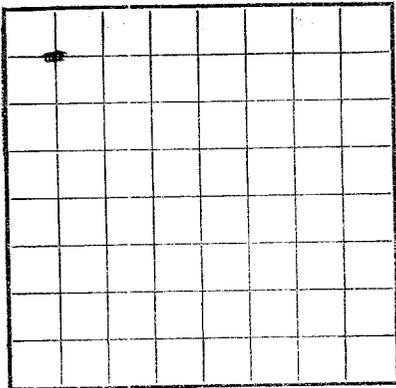
CLEON B. FEIGHT,
EXECUTIVE SECRETARY

CBF:awg

U. S. LAND OFFICE Durango, Colorado

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT _____
Utah 09999-A



LOCATE WELL CORRECTLY

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Atlantic Refining Company Address P. O. Box 520, Casper, Wyoming
 Lessor or Tract Murphy-Federal Field Wildcat State Utah
 Well No. 1 Sec. 11 T. 39 R. 19 Meridian S.L.M. County San Juan
 Location 660 ft. S. of N. Line and 660 ft. W. of W. Line of Section 11 Elevation 5806.2'
(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 AD Keenan

Date March 10, 1961

Title Regional Drilling Manager

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

Commenced drilling February 7, 1961 Finished drilling February 27, 1961

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#	8	Youngs-town	301.25	Markin Guide				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
			P & A record below		

MARK

PLUGS AND ADAPTERS

FOLD

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 surface feet to 3283' feet, and from feet to feet

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

DATES

....., 19..... Put to producing P & A March 1, 19 61

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

....., Driller Driller

....., Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	698	698	Cedar Mesa
698	1080	388	Halgaito
1080	1948	868	Paradox "A" (upper)
1948	2013	65	Paradox "A" (lower)
2013	2161	148	Paradox "B" (upper)
2161	2207	46	Paradox "B" (lower)
2207	2308	101	Paradox "C"
2308	3108	800	Molas
3108	3218	110	Mississippian

P & A RECORD			
3283 - 3090	90 sacks	common cement	
1160 - 1060'	40 sacks	common cement	
325 - 270'	35 sacks	common cement	
11 - 31'	10 sacks	common cement	

Handwritten mark

THE ATLANTIC REFINING COMPANY
INCORPORATED - 1870
PETROLEUM PRODUCTS

March 14, 1961

DOMESTIC PRODUCING DEPARTMENT

ADDRESS REPLY TO:
P. O. BOX 520
CASPER, WYOMING

State of Utah
Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Gentlemen:

Enclosed are copies of the Sundry Notice of plugged
and abandonment of our Murphy-Federal #1 Well in
San Juan County, Utah. Please return the extra
approved copies.

Very truly yours,

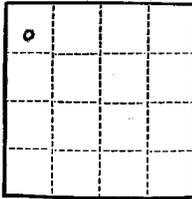
A. D. Kloxin
A. D. Kloxin

ADK:bc
Enc.

W

(SUBMIT IN TRIPLICATE)

Land Office _____
Lease No. **Utah - 09999-A**
Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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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)

March 14, 19 61

Murphy-Federal

Well No. **1** is located **660** ft. from **[N]** line and **660** ft. from **[E/W]** line of sec. **11**
NW NW Section 11 T-39-S R-19-E S.L.M.
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~drill~~ **ground** derrick floor above sea level is **5806.2** 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)

This well was plugged and abandoned on March 1, 1961. The following cement plugs as approved by USGS representative were spotted through drill pipe.

3283 - 3090°	90 sacks common cement
1160 - 1060°	40 sacks common cement
325 - 270°	35 sacks common cement
11 - 31°	10 sacks common cement

A dry hole marker was installed and the location cleaned up according to regulation.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The Atlantic Refining Company**
 Address **P. O. Box 520**
Casper, Wyoming

By *A. D. Klein*

Title **Regional Drilling Manager**