

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. J. [Signature]  
 Copy NID to Field Office ✓  
 Approval Letter ✓  
 Disapproval Letter       

COMPLETION DATA:

Date Well Completed 1-12-63  
 OW        WW        TA         
 GW        OS        PA ✓

Location Inspected         
 Bond released         
 State of Fee Land       

LOGS FILED

Driller's Log 1-30-63  
 Electric Logs (No. ) 3

E        I        E-I ✓ GR        GR-N ✓ Micro         
 Lat.        Mi-L        Sonic ✓ Others       

*Subsequent report of abandonment*

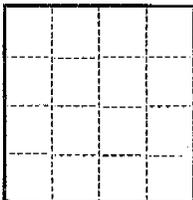
11-29-92  
 JWH

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake

Lease No. U062474

Unit Onion Creek



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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)

April 7, 1962, 19

Onion Creek Unit

Well No. 2 is located 1989 ft. from N line and 1435 ft. from E line of sec. 13

NE/4, Sec. 13 (1/4 Sec. and Sec. No.)      24 S (Twp.)      23 E (Range)      S18M (Meridian)  
Wildcat (Field)      Grand (County or Subdivision)      Utah (State or Territory)

The elevation of the ~~surface~~ <sup>Ungraded Ground</sup> above sea level is 4530 ft.  
~~1152~~

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)

Drill 24" hole to approximately 120 ft. Set 20" Conductor Casing and cement to surface. Drill 17-1/2" hole to approximately 1500 ft, set 13-3/8" casing and cement to surface. Drill 9-5/8" hole to approximately 14,000 ft. to test Devonian. If productive set 5-1/2" casing and Complete.

Note: Separate letters submitted to request exception to spacing requirements of Utah Oil and Gas Conservation Commission Rule C-3(b) and United States Department of Interior - Geological Survey Oil and Gas Regulation No. 221.20

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

Company Phillips Petroleum Company

Address Drawer 1150, Cortez, Colo.

By [Signature]

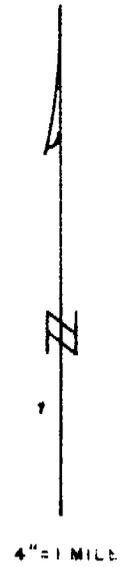
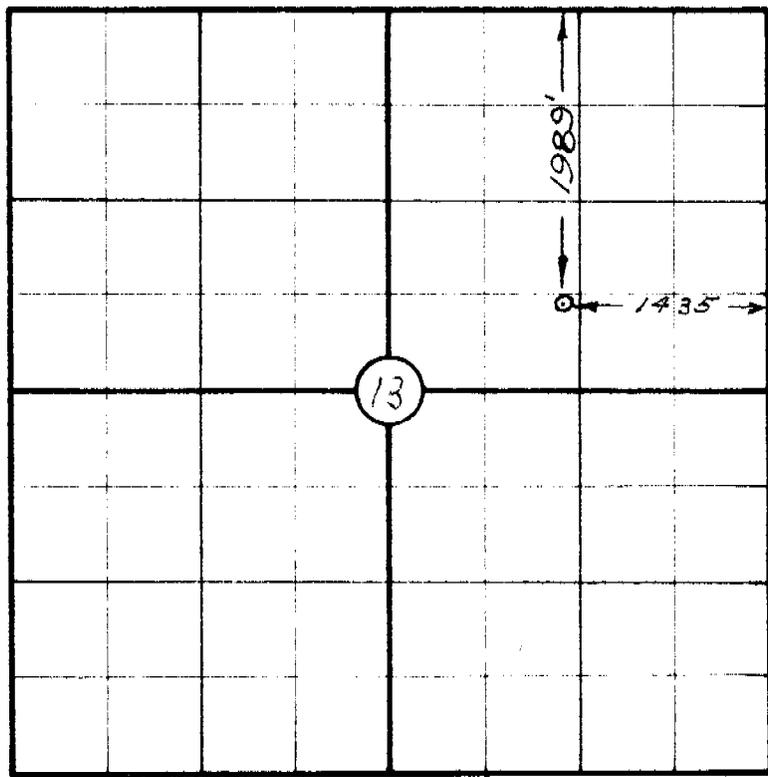
Title Dist. Supt.

COMPANY Phillips Petroleum Co.  
LEASE Orion Creek Unit WELL NO. 2  
SEC. 13, T. 24 S, R. 23 E

LOCATION 1989 From N. Line - 1435 From E. Line

ELEVATION 4530  
~~4473~~ Ungraded Ground

COUNTY GRAND STATE UTAH



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.

*C. P. Whitman*  
C. P. WHITEMAN - CORTEZ, COLO.  
REGISTERED LAND SURVEYOR  
UTAH 2260

SURVEYED April 1, 1962



Cortez, Colorado  
April 7, 1962

United States Department of Interior - Geological Survey  
Oil and Gas Operations  
416 Empire Building  
Salt Lake City 11, Utah

Attention: Mr. D. F. Russell

Gentlemen:

The attached U.S.G.S. Form 9-331a with a accompanying plat is submitted for your approval to drill Phillips Petroleum Company Union Creek Unit No. 2 at a location 1989' from North Line, 1435' from East Line of Section 13, T-24-S, R-23-E, S.1.E.M., Grand County, Utah. The proposed location is approximately 115' West of the nearest quarter-quarter section line, whereas, United States Department of Interior - Geological Survey Oil and Gas Regulation 221.20 provides that "Lessee shall not drill any well within 200' of the boundary of any legal subdivision without first submitting adequate reasons therefore and obtaining consent in writing from the Supervisor, such consent to be subject to such conditions as may be prescribed by said official."

Sole reason for requesting approval of unorthodox location is to provide a location in the rough rocky terrain that is feasible to drill. Regular location in the center of the SW/4, NE/4 of the Section is on a narrow rough sandstone ridge between two gullies approximately 100' deep. Virtually all soil has eroded away leaving hard sandstone surface. The proposed unorthodox location approximately 545' East is the nearest site feasible to prepare for drilling. Lease ownership of the SW/4, NE/4 of the Section, immediately East of the proposed location, is common to that of the proposed location.

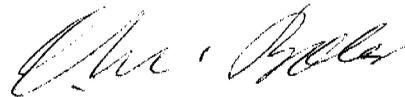
Your approval of the proposed unorthodox location is respectfully requested per provision of Rule 221.20.

Similar request is being made to State of Utah Oil and Gas Conservation Commission as indicated by attached copy of letter to that agency.

Union Creek Unit No. 1, a dry hole, in Section 31-238-24, was drilled in 1961 by Richfield Oil Corporation. It is the understanding of this office that proper forms have been prepared and submitted to change operator designation to Phillips Petroleum Company.

It is our desire to begin actual drilling of the proposed wildcat test as soon as possible. If there be any of the necessary forms omitted or additional information desired it is requested that you call the writer or his representative collect at Cortez, Colorado 565-3426 (office) or 565-3337 (residence).

Very truly yours,



C. M. Boles, Dist. Mgr.

cc: USGS  
State of Utah OK: C

# PHILLIPS PETROLEUM COMPANY

Cortez, Colorado  
April 7, 1962

Utah Oil and Gas Conservation Commission  
Room 310 Newhouse Building  
Salt Lake City, Utah

Attention: Mr. Cleon B. Feight

Dear Sir:

The attached U.S.G.S. Form 9-331a with accompanying plat is submitted for your approval to drill Phillips Petroleum Company Onion Creek Unit No. 2 at a location 1989' from North Line, 1435' from East Line of Section 13, T24S, R 23 E, S.L.B.M., Grand County, Utah.

The proposed location is approximately 115' West of the nearest quarter-quarter Section line, whereas, State of Utah Oil and Gas Conservation Commission Rule C-3(b) provides a minimum of 500' unless specifically permitted by order of the Commission after notice and hearing, or unless an exception is granted by the Commission pursuant to Rule C-3(c).

Sole reason for requesting approval of unorthodox location is to provide a location in the rough rocky terrain that is feasible to drill. Regular location in the center of the SW/4, NE/4 of the Section is on a narrow rough sandstone ridge between two gullies approximately 100' deep. Virtually all soil has eroded away leaving hard sandstone surface. The proposed unorthodox location approximately 545' East is the nearest site feasible to prepare for drilling. Lease ownership within a radius of 660' of the proposed location is common to that of the proposed location. There are no producing oil or gas wells in the area.

For the above reasons it is respectfully requested that exception be granted to spacing requirements of Utah Oil and Gas Conservation Commission Rule C-3(b) without notice and hearing, pursuant to Rule C-3(c).

Similar request is being made to the United States Department of Interior - Geological Survey as indicated by attached copy of letter to that agency.

Very truly yours,

  
C. M. Boles, Dist. Supt.

cc: USGS (4)

April 9, 1962

Phillips Petroleum Co.  
Drawer 1150  
Cortez, Colorado

Attn: C. M. Boles, Dist. Supt.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Onion Creek Unit #2, which is to be located 1989 feet from the north line and 1435 feet from the east line of Section 13, Township 24 South, Range 23 East, S1EM, Grand County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well on said unorthodox location is hereby granted in accordance with Rule C-3 (c), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission.

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

Incidentally, since this well is not included within the designated Onion Creek Unit area, we are wondering why it was named Onion Creek Unit #2.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FRIGHT,  
EXECUTIVE DIRECTOR

CBF:kb

cc: Don Russell, Dist. Eng.  
U. S. Geological Survey

H. L. Coonts, - OCCC, Moab

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

LAND OFFICE Salt Lake  
LEASE NUMBER 0062474  
UNIT Onion Creek

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand 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. Drawer 1150 Company Phillips Petroleum Co.

Cortez, Colorado Signed C. M. Boles

Phone 565-3426 Agent's title District 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)
<b>ONION CREEK UNIT</b>										
SW NE 13	24S	23E	2							Drilling - 4626

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold; \_\_\_\_\_ 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 Salt Lake  
LEASE NUMBER U062474  
UNIT Onion Creek

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Grand 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. Drawer 1150 Company PHILLIPS PETROLEUM COMPANY  
Cortez, Colorado Signed [Signature]

Phone 565-3426 Agent's title C. M. Boles  
District Superintendent

SEC. AND ¼ or ¼	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)
<b>ONION CREEK UNIT</b>										
SW NE 13	24S	23E	2							Drilling - 7744

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

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Copy H. L. C.

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER U062474  
UNIT Onion Creek

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Grand Field Wildcat

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

Agent's address P. O. Drawer 1150 Company PHILLIPS PETROLEUM COMPANY

Cortez, Colorado Signed C. M. Boles

Phone 565-3426 Agent's title District 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)
<b>ONION CREEK UNIT</b>										
SW NE 13	24S	23E	2							Fishing for drill pipe T.D. 9574

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

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

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UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

LAND OFFICE .....  
 LEASE NUMBER **U062474**  
 UNIT **Onion Creek**

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Grand Field Wildcat

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

Agent's address P. O. Drawer 1150 Company PHILLIPS PETROLEUM COMPANY

Cortez, Colorado Signed C. M. Boles

Phone 565-3426 Agent's title District 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)
<b><u>ONION CREEK UNIT</u></b>										
SW NE 13	24S	23E	2							Fishing for drill pipe T.D. 10,357

NOTE.—There were ..... runs or sales of oil; ..... M cu. ft. of gas sold; ..... 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.

Copy H.L.C.

Budget Bureau No. 42-R353.5  
Approval expires 12 31-60.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER U062474  
UNIT Onion Creek

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Grand Field Wildcat

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

Agent's address P. O. Drawer 1150 Company PHILLIPS PETROLEUM

Cortez, Colorado Signed C. M. Boles

Phone 565-3426 Agent's title District 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)
<u>ONION CREEK UNIT</u>										
SW NE 13	24S	23E	2							Drilling at 11,595 ft.

NOTE.—There were ..... runs or sales of oil; ..... M cu. ft. of gas sold; ..... 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.

Copy H.L.C.

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER 0062474  
UNIT Onion Creek

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Grand Field Wildcat

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

Agent's address P. O. Drawer 1150 Company PHILLIPS PETROLEUM COMPANY

Cortez, Colorado Signed C. M. Boles

Phone 565-3426 Agent's title District 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)
<b>ONION CREEK UNIT</b>										
SW NE 13	24S	23E	2							Drilling at 13102 ✓

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ 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.

Copy H.L.C.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Salt Lake  
LAND OFFICE -----  
U062474  
LEASE NUMBER -----  
Onion Creek  
UNIT -----

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1952

Agent's address P. O. Drawer 1150 Company PHILLIPS PETROLEUM COMPANY  
Cortez, Colorado Signed C. M. Boles

Phone 565-3426 Agent's title District 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)
<b>ONION CREEK UNIT</b>										
SW NE 13	24S	23E	2							Drilling at 14296

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold; \_\_\_\_\_ 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.

December 18, 1962

MEMO FOR FILING

Re: Phillips Petroleum Company  
Onion Creek Unit #2  
Sec. 13, T. 24 S, R. 23 E.,  
Grand County, Utah

On December 14, 1962, I agreed to the following plugging program with Mr. Boles of Phillips Petroleum Company for the above mentioned well.

At present there is some doubt if they are in the Cambrian Formation. After logging, if it is determined that they are in the Cambrian, the hole will be plugged immediately. If they are not in the Cambrian, they will drill deeper and if shows are encountered a plug will be used.

The hole contains 20' casing at 117' (circulated), 13 3/8" casing at 1249' (circulated) and 9 5/8" casing at 5467' (cemented with 450 sacks). Approximately 4000' of the 9 5/8" casing will be salvaged.

The following are the tops encountered:

Hermosa	- 4350'
Paradox	- 8340'
Mississippian	- 12,575'
Devonian	- 13,010'
Elbert	- 13,100'
McCracken	- 13,270'
T.D. possibly in Cambrian	- 13,410'

No shows were encountered and logs taken to a depth of 13,200' indicated no porosity (tight)

The following are the seven plugs that will be used:

1. 100' plug at 12,575'
2. 25 sacks cement at 10,600'
3. 100' plug at 8340'
4. Bottom of 9 5/8" casing at 5467'
5. At top of casing stub - this is planned to be across the Hermosa
6. Plug at 13 3/8" (1240') half in and half out
7. Plug at surface with marker.

NOTE: Rat and mouse hole will be filled before leaving location.

PAUL W. BURCHELL  
CHIEF PETROLEUM ENGINEER

PWB:cnp

cc: Don Russell, Dist. Eng.  
USGS, Salt Lake City, Utah

H. L. Coonts, Petroleum Eng.  
OGCC, Moab, Utah

RECEIVED  
 DEPARTMENT OF OIL & GAS OPERATIONS

JAN 18 1963

U. S. GEOLOGICAL SURVEY UNITED STATES  
 SALT LAKE CITY, UTAH  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

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

U. S. LAND OFFICE  
 SERIAL NUMBER  
 LEASE OR PERMIT TO PROSPECT


LOCATE WELL CORRECTLY

# LOG OF OIL OR GAS WELL

Company Phillips Petroleum Address Box 115, Cortez, Colorado  
 Lessor or Tract Union Creek Unit Field Wildcat State Utah  
 Well No. 2 Sec. 13 T. 24 R. 23 Meridian 113E County Grand  
 Location 1989 ft. N of N Line and 1435 ft. W of E Line of Section 13 Elevation 4563  
(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 [Signature]

Date January 15, 1963 Title District Superintendent

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

Commenced drilling April 30, 1952 Finished drilling January 1, 1963

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from \_\_\_\_\_ 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 \_\_\_\_\_

XXXXX NONE

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
20	53.6	SW SJ	Armco	120	Howco	4136			
13-3/8	64.5	8rd	J-55	156	"				
13-3/8	48#	8rd	H-49	1092					
7-5/8	36#	8rd	J-55	5491	"				

## MUDDING AND CEMENTING RECORD

Size casing	Where set.	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	118	250 ex 2% CC, 62# Flocele	Halliburton		Cement circulated
13-3/8	1249	500 ex 20% Diacec D, 2% CC with 15# Tuff Plug, 1/2# Flocele	"		Cement circulated, followed with 250 ex cement, 75# Flocele, 2% CC.
9-5/8	5467	450 ex cement			

## PLUGS AND ADAPTERS

OLD MARK

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

**DATES**

\_\_\_\_\_, 19\_\_\_\_ Plug set production on \_\_\_\_\_ January 12, 1963

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  
 Loffland Brothers \_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
<u>PENNSYLVANIAN</u>			
4550	4415	65	sermosa
8340	8350	10	Paradox
<u>MISSISSIPPIAN</u>			
12572	13126	554	
<u>DEVONIAN</u>			
13126	13227	101	Ouray
13227	13282	55	Elbert
13262	13410	128	McCracken
<u>CAMBRIAN</u>			
13410	13581	171	Aneth
13561	13907	326	Maxfield
13907	14033	126	Ophir
14033	14311	278	Tintic

462  
January 3, 1963

MEMO FOR FILING

Re: Phillips Petroleum Company  
Onion Creek Unit #2  
Sec. 13, T. 24 S, R. 23 E.,  
Grand County, Utah

On January 2, 1963, Mr. Boles called to inform us that they have drilled the above mentioned well from 13,410' to 14,311' and are presently logging the base of Cambrian in quartzite.

A DST will be conducted on January 3, 1963, and tested from the Mississippian at 12,575' to total depth, which is 14,311'. This is being preformed as a "negative test" since there were no shows encountered upon deepening the well an additional 1,000'. It was agreed that if the DST confirmed the bottom of the well to be tight then a 100' plug across the top of the Mississippian at 12,575' will suffice.

A previous plugging program was approved by this office on December 14, 1962.

It is anticipated that plugging operations will commence on January 4, 1963.

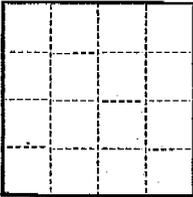
PAUL W. BURCHELL  
CHIEF PETROLEUM ENGINEER

PWB:cnp

cc: Don Russell, Dist. Eng.  
USGS, Salt Lake City, Utah

CP  
HID  
FM  
J  
J

Form 9-331a  
(Feb. 1951)



Copy H. L. C.  
(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4  
Approval 12-31-62

Land Office U062474  
Lease No. Onion Creek  
Unit \_\_\_\_\_

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.....
NOTICE OF INTENTION TO ABANDON WELL.....	

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

January 8, 1963

Onion Creek Unit

Well No. 2 is located 1989 ft. from N line and 1435 ft. from E line of sec. 13  
SW/4 Sec. 13 24S 23E SLEM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wilcox Grand Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4530 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cement plug dry hole. Hole to be filled with cement in approximately 4500' of 9-5/8" casing to be pulled from hole leaving approximately 867' in hole @ 4600' to 5467'. 13-3/8" casing from surface to 1249' cemented to surface to be left in hole. 20" casing from surface to 117.50' cemented to surface to be left in hole.

Cement plugs to be spotted at approximate depths: 12,600'-12,490'; 10,600'-10,475'; 8370'-8260'; 5500'-5400'; 4380'-4280'; 1270'-1170'; 25' - surface. NOTE: Cement plug was spotted at 13350-13150 to anchor tool on DST.

Plugging operations will start immediately per verbal approval December 14, 1962, Russell to Boles, January 2, 1963 Harstead to Boles; December 14, 1962 and January 2, 1963 Rurchell to Boles.

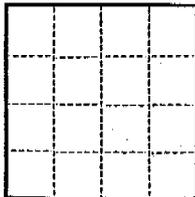
Well logs will accompany plugging report.

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

PHILLIPS PETROLEUM COMPANY

Company \_\_\_\_\_  
 Address P. O. Drawer 1150  
Cortez, Colorado

By C. M. Boles  
 Title District Superintendent



*Copy H. L. C.*  
(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Land Office Salt Lake  
Lease No. 0062474  
Unit Onion Creek

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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

Onion Creek Unit Cortez, Colorado January 10, 1963

Well No. 2 is located 1989 ft. from N line and 1435 ft. from E line of sec. 13  
NE/4 Sec. 13 24S 23E SLBM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Grand Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4530 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)

Spudded 12-1/4" hole 10:30 PM 4/30/62. Drilled 12-1/4" hole to 132', reamed 24" hole to 118'. Set and cemented 20" OD 53.6# Arco S&W casing (120.44') at 117.50' RKB with 250 sacks regular neat cement, 2% Calcium Chloride, 62# Floccs. Pumped plug to 97' at 11:55 P.M. 5/2/62. Ground to Derrick Floor: 14.30'; Derrick Floor to Kelly Bushing: 1.70'; Ground to RKB: 16.00'.

W.O.C. 48 hours. Drilled 12-1/4" hole to 1263'. Reamed 17-1/2" hole 118' to 1250'. Set and cemented 13-3/8" casing at 1249' RKB with 500 sacks regular common cement, 20% Discal "D", 2% Calcium Chloride, 1% Tuff Plug, 1/2% Floccs, followed with 250 sacks regular cement with 75# Floccs, 2% Calcium Chloride. Pumped plug to 1216' at 8:45 PM 5/16/62. Circulated estimated 110 cu. ft. cement to surface. Tested casing to 1800# - 10 minutes, tested O.R. W.O.C. 48 hours. Drilled 8-3/4" hole to 957 1/4'. (Continued on reverse side)

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

Company Phillips Petroleum  
 Address P. O. Drawer 1150  
Cortez, Colorado  
 By C. M. Boles  
 Title District Superintendent

(Details of work - continued)

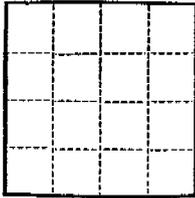
Leased 8-3/4" hole to 12-1/4" hole from 1249' to 5462'. Set and cemented 9-5/8" OD 36# J-55 SMC casing at 5467' with 450 sacks regular cement. Pumped plug to 5432' at 11:45 AM 9/3/62. Cement did not circulate. W.O.C. until 6:00 AM 9/4/62. Tested casing to 1500# for 30 minutes. Tested O.K.

Drilled 8-3/4" hole to 13262 and ran Schlumberger IBS and Gamma Ray Sonic log with integrated curve and caliper. Drilled 8-3/4" hole 13355. Cored from 13355 to 13368' with Diamond Core Barrel with 9-11/16" bit. Recovered 12' quartzite, white to light gray, hard and tight with floating sand grains, fine to medium grained, round and clear. Reamed core hole and drilled 8-3/4" hole to 14311 at 10:00 A.M. January 1, 1963. Ran Schlumberger IBS and Gamma Ray Sonic logs. Ran Gamma Ray Neutron log in cased hole. Took side wall cores from 12590' to 13215'. Attempted 42, recovered 17. Left 6 full and 2 half core bullets in hole. Attempted to run drill stem test No. 1 at 12580-14311' using Halliburton side wall anchor assembly. Tool set, but anchor assembly slipped down hole when tool opened and hydro-static load applied to packers. Pulled out of hole, ran open ended drill pipe to 13350', circulated 5 hours to condition and equalize mud. With bottom of drill pipe at 13350', pumped in 25 barrels water, mixed 100 sacks regular cement with 20# per sack silica flour, .3% Diesel L&L, followed with 5 barrels water. Spotted plug at 13350'. Job complete at 2:00 AM 1/5/63. Pulled out of hole. Ran drill string, tagged top of cement at 13049' at 10:00 PM 1/5/63. W.O.C. 8 hours. Drilled cement 13049 to 13150' in 2 hours. Pulled out of hole. Ran Halliburton drill stem test No. 1 at 12949-13150 as follows: 4-1/2" drill pipe, 1/2" bottom choke, 1" top choke, 5000' water blanket in drill pipe. Opened tool on initial flow 20 minutes, weak blow immediately dead in 19 minutes. Initial shut in 1 hour. Opened tool 30 minutes - had no blow. Final shut in one hour. Closed tool and equalized mud below packers. Pulled out of hole. Recovered 5000' water blanket, 20' drilling mud, 1' salt water, no shows of oil or gas.

Initial Hydrostatic Pressure	6245#
Initial 20 minute Flow Pressure	2130#
1 hour Initial Shut In Pressure	5550#
Final 30 Minute Flow Pressure	2170#
Final 1 Hour Shut In Pressure	5350#
Final Hydrostatic Pressure	6245#

Preparing to plug and abandon.

JAN 11 1963



Copy H. L. C.

(SUBMIT IN TRIPPLICATE)

Land Office Salt Lake  
0062474  
Lease No. \_\_\_\_\_  
Unit Onion Creek

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	X
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	X
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)

Cortez, Colorado January 14, 19 63

Onion Creek Unit

Well No. 2 is located 1989 ft. from (N) line and 1435 ft. from (E) line of sec. 13

NW/4 Sec. 13 24S 23E 31M  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Grand Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4530 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)

Plugged dry hole. Drilled TD., 8-3/4" hole - 14,311'.  
Cement plugs were spotted through open ended drill pipe as follows:  
100 sacks @ 13350-13049 (Drilled out to 13150 and used to anchor Drill Stem Test)  
50 sacks @ 12,600-12,490'  
50 sacks @ 10,600-10,475'  
50 sacks @ 8,370-8,260'  
50 sacks @ 5,500- 5,400' (Bottom 9-5/8" casing at 5467')

Ran McCullough collar buster shots at 4247', 4216', and 4152' and unable to shoot 9-5/8" casing off. Cut 9-5/8" casing with mechanical casing cutter at 4136' NKB measure. Pulled 130 joints and two pieces 4118' net of 9-5/8" casing.

(continued on reverse side)

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

Company Phillips Petroleum Co.  
Address P. O. Drawer 1150  
Cortez, Colorado

By C. H. Boies  
Title District Superintendent

JAN 15 1963

(Continued)

Spotted additional cement plugs as follows:

90 sacks @ 4136-4015 (unable to stab 4-1/2" drill pipe in top of 9-5/8" casing left in hole. )

85 sacks @ 1300-1200' (Bottom of 13-3/8" casing at 1249')

25 sacks @ 30' to 0' in top of 13-3/8" casing.

4-1/2" Drill Pipe permanent marker approximately 4-1/2' above ground level imbedded in top plug.

Plugging completed 1-12-63.

Heavy mud laden fluid left in all uncemented intervals of hole.

Casing left in hole as follows:

9-5/8" O.D. 36# J-55 casing @ 5467-4136' cemented with 450 sacks, top cement at approximately 4300'.

13-3/8" O.D. 48# H-40 & 54.5# J-55 casing at 1249' to surface cemented with regular cement, 20% by weight of Diacel "D", 2% Calcium Chloride, 1% Tuff Plug from 1249' to surface.

20" O.D. 53.6# Armo SW SJ casing at 117.50' cemented to surface with 250 sacks regular cement.

*pm*

*97P*

COMMISSIONERS  
C. R. HENDERSON  
CHAIRMAN  
M. V. HATCH  
C. S. THOMSON  
B. H. CROFT  
C. P. OLSON



PETROLEUM ENGINEERS  
PAUL W. BURCHELL  
CHIEF ENGINEER  
SALT LAKE CITY  
HARVEY L. COONTS  
BOX 266  
MOAB, UTAH

EXECUTIVE DIRECTOR  
C. B. FEIGHT

THE STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

310 NEWHOUSE BUILDING  
10 EXCHANGE PLACE  
SALT LAKE CITY 11

February 19, 1963

Phillips Petroleum Company  
P. O. Drawer 1150  
Cortez, Colorado

Attn: C. M. Boles, Dist. Supt.

Re: Well No. Onion Creek Unit #2  
Sec. 13, T. 24 S, R. 23 E.,  
Grand County, Utah

Gentlemen:

We are in receipt of the Induction Electric Log, Sonic Log and Gamma Ray-Neutron Logs which were run to a depth of 13,262' for the above mentioned well. However, we note that the total depth of this well was 14,311'. If electric logs were run to this depth, would you please send us copies.

Thank you for your kind consideration in this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

*Connie F. Paloukos*  
CONNIE F. PALOUKOS  
RECORDS CLERK

CP

*Run #1 of Induction Electric Log & Sonic Log 12/9/62 was to  
a TD of 13259 and 13261 respectively, TD 14311*

*Run #2 of Induction Electric Log & Sonic Log 1/1/63 was to  
a TD of 14287 w/a TD of 14311.*

*Gamma Ray-Neutron - only run made 1/1/63  
w/ TD of 14311*

*Believe the logs you mention are the logs in  
question. If you have any further questions - please advise - C.M. Boles sec*

*and last logs run*

# PHILLIPS PETROLEUM COMPANY

P. O. Drawer 1150  
Cortez, Colorado

March 22, 1963

In re: Phillips Petroleum Company Onion Creek Unit No. 2  
Section 13-24S-23E, Grand County, Utah.  
Federal Lease #U-062-474

U. S. Geological Survey  
Atten: Mr. Don Russell  
416 Empire Bldg.  
Salt Lake City 11, Utah

Utah Oil & Gas Conservation Commission  
✓310 Newhouse Building  
Salt Lake City 11, Utah

U. S. Bureau of Land Management  
Monticello District Office U6 & 9  
AEC Building No. 13  
P. O. Box 1327  
Monticello, Utah

Dear Sirs:

Final levelling and clean-up of subject dry hole location has been completed.

The writer has made inspection of the site and believe it to be entirely satisfactory. Since this location is in close proximity to the road to Fisher Tower, a natural tourist attraction, every effort was taken to remove all debris and scars of the operation that could be removed.

It is requested that representative of your office make inspection of the site at an early date and advise the writer immediately if we have overlooked any item in making clean-up.

Very truly yours,

PHILLIPS PETROLEUM COMPANY

  
C. M. Boles  
District Superintendent

CMB/bh

cc: Mr. Harvey Coonts, Utah Oil & Gas Cons. Comm.  
Box 266, Moab, Utah