

## FILE NOTATION

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 *PW*Copy NID to Field Office Approval Letter Disapproval Letter 

## COMPLETION DATA:

Date Well Completed 6-10-64

Location Inspected \_\_\_\_\_

OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_

Bond released \_\_\_\_\_

GW \_\_\_\_\_ OS \_\_\_\_\_ PA 

State of Fee Land \_\_\_\_\_

## LOGS FILED

Driller's Log 9-17-64Electric Logs (No. ) 4E \_\_\_\_\_ I \_\_\_\_\_ E-I 21  GR \_\_\_\_\_ GR,N \_\_\_\_\_ Micro Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic OK  Others Formation Tester

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK   
 b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**Gulf Oil Corporation**

3. ADDRESS OF OPERATOR  
**P. O. Box 1971, Casper, Wyoming**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
**660' SNL, 660' EWL C (NW NW)**  
 At proposed prod. zone

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

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

16. NO. OF ACRES IN LEASE  
**1760**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**80**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH  
**6000'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

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

22. APPROX. DATE WORK WILL START\*  
**5-12-64**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/8"	8-5/8"	24#	300'	150 sacks
7-7/8"	5-1/2"	14#	6000'	200 sacks

We propose to drill to 6000' or 200' into Tertiary Wasatch.

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

24. SIGNED \_\_\_\_\_ TITLE **Area Production Manager** DATE **May 8, 1964**

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

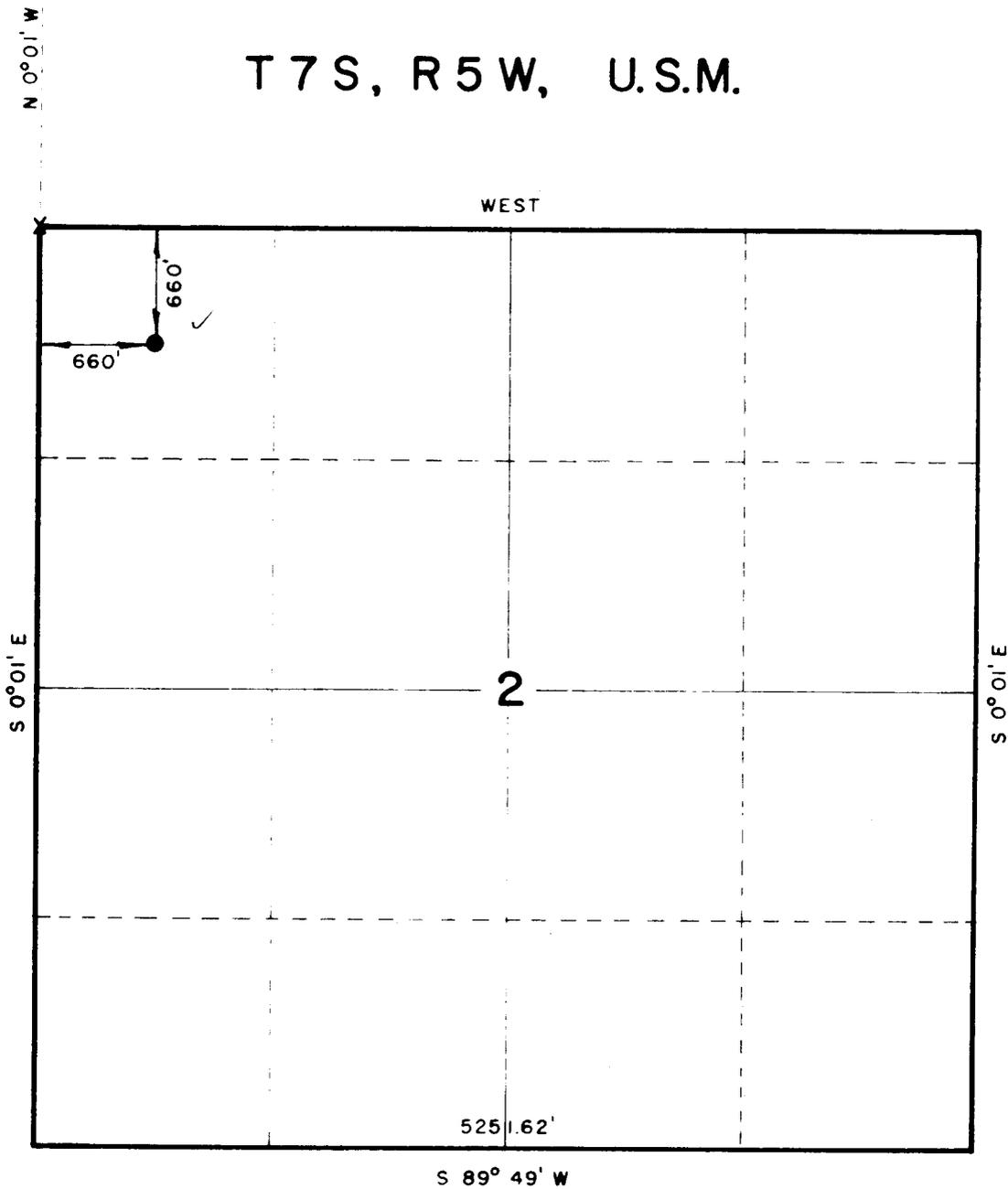
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

cc: Utah O&G Cons. Comm. (2)  
 Ashland Oil & Refining Company  
 Box 1503, Houston  
 Box 2732, Denver

\*See Instructions On Reverse Side

X NW 1/4 CORNER  
SEC. 35, T6S, R5W

# T 7 S, R 5 W, U.S.M.



X = Corners Located (Stone)

Scale: 1" = 1000

*Nelson J. Marshall*

BY: ROSS CONSTRUCTION CO.  
Vernal, Utah

PARTY Gene Stewart  
R. Stewart

**SURVEY**  
GULF OIL CORP. WELL LOCATION, LOCATED  
AS SHOWN IN THE NW 1/4 NW 1/4, SECTION 2,  
T 7 S, R 5 W, U.S.M., DUCHESNE COUNTY, UTAH

DATE April 29, 1964  
REFERENCES GLO Plat  
Approved 10-18-64

WEATHER Cool - Windy

FILE Gulf

May 11, 1964

Gulf Oil Corporation  
P. O. Box 1971  
Casper, Wyoming

Re: Notice of Intention to Drill Well No.  
Antelope Canyon Federal #1, 660' FNL &  
660' FWL, of Sec. 2, T. 7 S., R. 5 W., USM,  
Duchesne County, Utah

Gentlemen:

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

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

PAUL W. BURCHELL, Chief Petroleum Engineer  
Office: DA 8-5771 or DA 8-5772  
Home: CR 7-2890 - Salt Lake City, Utah

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

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

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE DIRECTOR

CBF:cnp

cc: Rodney Smith, District Engineer  
U. S. Geological Survey- Salt Lake City, Utah

Harvey L. Coonts, Petroleum Engineer  
Oil & Gas Conservation Commission - Moab, Utah

*Copy file*

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

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

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**U-017275**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Antelope Canyon Federal**

9. WELL NO.

**1**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

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

**2 - 7S-5W USM**

12. COUNTY OR PARISH

**Duchesne**

13. STATE

**Utah**

1.

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

**Gulf Oil Corporation**

3. ADDRESS OF OPERATOR

**P. O. Box 1971, Casper, Wyoming**

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

**660' SNL, 660' EWL (NW NW)**

14. PERMIT NO.

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

**8540' Gr**

16.

**Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**Gulf proposes to plug well as follows:**

**Cement plug from 5595' to 5425' 50 sacks**  
**Cement plug from 4725' to 4605' 35 sacks**  
**Cement plug from 2530' to 2360' 50 sacks**  
**Cement plug from 325' to 275' 25 sacks**  
**Cement plug of 10 sacks in top of surface casing at base of cellar.**

**Confirming telephone conversation D. E. Flickinger to Rodney Smith 6-10-64.**

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

SIGNED \_\_\_\_\_

TITLE **Area Engineer**

DATE **June 11, 1964**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

cc: **Utah O&G Cons. Comm. (2)**  
**Ashland Oil & Refining Company**  
**Box 1503, Houston**  
**Box 2732, Denver**

\*See Instructions on Reverse Side

Card  
No. 2110  
2110  
GW

PLUGGING PROGRAM FORM

*Jul Oil Corp.*

Name of Company ~~Jul Oil Co~~ Verbal Approval Given To: Don Fickinger

Well Name: Antelope Canyon Sec. 2 T. 7S R. 5W County: Duchene

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

Elect. Tops: 5565 - top of Wasatch

① 5535 - 5595

2500 - top of Green River

② 2470 - 2530

③ 4625 - 4725 (Took Circulator)

④ 275 - 325 (bottom of surface)  
(Casing set at 297)

⑤ 10 ps at surface / marker

[mud between all plugs]

Date Verbally Approved: June 10, 1964 Signed: Paul W. Purchell

*copy file*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**U-017275**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Antelope Canyon Federal**

9. WELL NO.

**1**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

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

**2-7S-5W USM**

12. COUNTY OR PARISH

**Duchesne**

13. STATE

**Utah**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
**Gulf Oil Corporation**

3. ADDRESS OF OPERATOR  
**P. O. Box 1971, Casper, Wyoming**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
**660' SNL, 660' EWL (NW NW)**

14. PERMIT NO.

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

**8540' Gr**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**This well was plugged and abandoned as follows:**

- 50 sack cement plug from 5595' to 5425'**
- 35 sack cement plug from 4725' to 4605'**
- 50 sack cement plug from 2530' to 2360'**
- 25 sack cement plug from 325' to 275'**
- 10 sack cement plug in top of surface casing at base of cellar**

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

SIGNED \_\_\_\_\_ TITLE **Area Engineer** DATE **June 12, 1964**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

cc: Utah O&G Cons. Comm. (2) ✓  
Ashland Oil & Refining Company  
Box 1503, Houston  
Box 2732, Denver

\*See Instructions on Reverse Side

# Gulf Oil Corporation

CASPER PRODUCTION AREA

L. W. LeFavour  
AREA PRODUCTION MANAGER  
B. W. Miller  
AREA EXPLORATION MANAGER

P. O. Box 1971  
Casper, Wyo. 82602

September 16, 1964

United States Geological Survey  
8416 Federal Building  
125 South State Street  
Salt Lake City, Utah

State of Utah  
348 East South Temple  
Suite 301  
Salt Lake City, Utah

Re: Antelope Canyon-Federal No. 1  
NW NW Section 2-7S-5W  
Duchesne County, Utah

Right Fork-Federal No. 1  
SE SW SE Section 10-6S-4W  
Duchesne County, Utah

Sowers Canyon-Federal No. 1  
SE SE NW Section 24-6S-6W  
Duchesne County, Utah

Gentlemen:

We desire to keep all information confidential on the above subject wells.

Very truly yours,

Original Signed By  
LESTER LeFAVOUR  
Lester LeFavour

WJC:sjn



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION:  
NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
**Gulf Oil Corporation**

3. ADDRESS OF OPERATOR  
**P. O. Box 1971, Casper, Wyoming**

4. LOCATION OF WELL (Report location clearly and in accordance with *any State requirements*)\*  
At surface **660° SNL, 660° EWL (NW NW)**  
At top prod. interval reported below  
At total depth

CONFIDENTIAL

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.  
**U-017275**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-

7. UNIT AGREEMENT NAME  
-

8. FARM OR LEASE NAME  
**Antelope Canyon-Federal**

9. WELL NO.  
**1**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**2-7S-5W USM**

12. COUNTY OR PARISH  
**Duchesne**

13. STATE  
**Utah**

15. DATE SPUDED **5-17-64** 16. DATE T.D. REACHED **6-8-64** 17. DATE COMPL. (Ready to prod.) **P & A 6-10-64** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **8540' Ground** 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD **5769' TD** 21. PLUG, BACK T.D., MD & TVD **-** 22. IF MULTIPLE COMPL., HOW MANY\* **-** 23. INTERVALS DRILLED BY **→** ROTARY TOOLS **All** CABLE TOOLS **-**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**DRY, PLUGGED AND ABANDONED**

25. WAS DIRECTIONAL SURVEY MADE  
**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**Induction Electrical Survey, Gamma Ray Sonic, Microlog**

27. WAS WELL CORED  
**No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>8-5/8"</b>	<b>24#</b>	<b>296'</b>	<b>12-1/4"</b>	<b>225 sacks</b>	<b>None</b>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
<b>None</b>				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
	<b>None</b>	

31. PERFORATION RECORD (Interval, size and number)

**None**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>None</b>	

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
<b>None</b>		

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			<b>→</b>				

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		<b>→</b>				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
**None**

TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS **We desire to keep the logs CONFIDENTIAL in accordance with provisions of State Rules and Regulations. We will forward them at the end of the six month period.**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Original Signed By  
**LESTER LeFAVOUR** TITLE Area Production Manager DATE 9-16-64

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
				<b>Wasatch</b>	<b>5565'</b>

37. SUMMARY OF POROUS ZONES:  
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

38.

SEP 17 1964

October 23, 1964

Gulf Oil Corporation  
P. O. Box 1971  
Casper, Wyoming

Re: Well No. Antelope Canyon Federal #1  
Sec. 2, T. 7 S., R. 5 W.,  
Duchesne County, Utah

Gentlemen:

This letter is to advise you that the electric and/or radioactivity logs for the above mentioned well are due and have not been filed with this Commission as required by our rules and regulations.

Thank you for your cooperation in this request. Please be advised that these logs will be held confidential.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KATHY G. WARNER  
RECORDS CLERK

KGW:cnp

XXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXX  
348 East South Temple  
Suite 301  
Salt Lake City, Utah  
January 11, 1965

Gulf Oil Corporation  
P.O. Box 1217  
Casper, Wyoming

Re: Well No. Antelope Canyon Federal  
#1, Sec. 2, T. 2 N., R. 9 W.,  
Duchesne County, Utah.

Gentlemen:

We are in receipt of your well log for the above mentioned well. However, upon checking this information, we notice that you did not report the water sands encountered while drilling.

Please complete the enclosed Forms OGCC-8-X, and return to this office as soon as possible.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK  
RECORDS CLERK

cnp

Enclosure

SEN

QNB

FORM OGCC-8-X

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
348 EAST SOUTH TEMPLE  
SUITE 301  
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Antelope Canyon Federal #1

Operator Gulf Oil Corporation Address P. O. Box 1971 Caspe Phone 235-5783

Contractor Exeter Address 1010 Paterson Bldg. Denver Phone \_\_\_\_\_

Location 1/2 1/2 Sec. 2 T. 7 <sup>XXX</sup><sub>S</sub> R. 5 <sup>XX</sup><sub>W</sub> Duchesne County, Utah.

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	No fresh water sands		
2.			
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops:

Remarks:

NOTE: (a) Upon diminishing supply of forms, please inform the Commission  
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form)

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