

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 *FWB*  
 Copy NID to Field Office \_\_\_\_\_  
 Approval Letter 4-29-68  
 Disapproval Letter \_\_\_\_\_

COMPLETION DATA:

Date Well Completed ✓  
 OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_  
 GW \_\_\_\_\_ OS \_\_\_\_\_ PA ✓

Location Inspected \_\_\_\_\_  
 Bond released \_\_\_\_\_  
 State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log 6-28-68  
 Electric Logs (No. ) 2

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

# OCCIDENTAL MINERALS CORPORATION

WHOLLY OWNED SUBSIDIARY OF OCCIDENTAL PETROLEUM CORP.

6073 WEST 44TH AVENUE  
WHEAT RIDGE, COLORADO U.S.A. 80033



TELEPHONE (303) 421-9440  
TELEX 45-819  
TWX (910) 938-0758  
CABLE: OXYMIN DENVER, COLO.

## Takes Pleasure In Announcing The Opening Of Its New Offices

at

Lakeside Plaza Building  
6073 West 44th Avenue  
Wheat Ridge, Colorado 80033

2 Blocks South of Interstate 70  
10½ Miles West of Denver International Airport

Paul A. Bailly, President

and

Thomas N. Walthier

Exploration Manager,  
International

James A. Anderson

Exploration Manager,  
Metals, U. S. A.

EXECUTIVE OFFICES:  
LOS ANGELES, CALIFORNIA

BUSINESS AND ADMINISTRATIVE OFFICES:  
5000 STOCKDALE HIGHWAY  
BAKERSFIELD, CALIFORNIA

# OCCIDENTAL PETROLEUM CORPORATION

ROCKY MOUNTAIN DIVISION  
824 PATTERSON BUILDING  
DENVER, COLORADO 80202

AREA CODE 303  
PHONE 236-3129

April 23, 1968

Utah Oil & Gas Conservation Board  
1625 South Eighth West  
Salt Lake City, Utah

Attn: Cleon B. Feight  
Executive Director

Gentlemen:

Please send a copy of your Rules and Regulations regarding oil and gas operating in Utah to the following addresses:

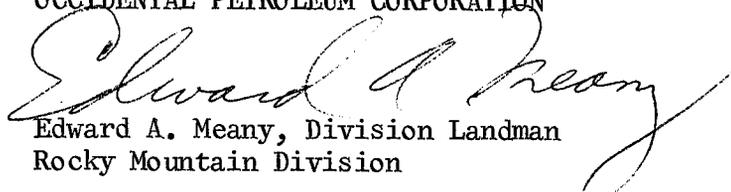
Occidental Petroleum Corporation  
5000 Stockdale Highway  
Bakersfield, California 93309  
Attn: Mr. Al Marques

Occidental Petroleum Corporation  
824 Patterson Building  
Denver, Colorado 80202  
Attn: Mr. Edward A. Meany

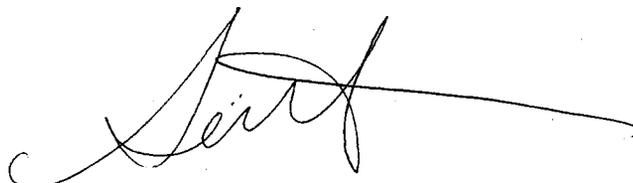
If there is a charge for this information, please bill us for same.

Very truly yours,

OCCIDENTAL PETROLEUM CORPORATION

  
Edward A. Meany, Division Landman  
Rocky Mountain Division

js



4/29/68

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  
 OCCIDENTAL PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR  
 824 Patterson Bldg., Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface SW SW (657' N of S line; 705' E of W line) Sec. 8,  
 At proposed prod. zone Twp. 32 S, Rg. 19E, San Juan County, Utah  
 Same SE SW SW

5. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 35 miles NW of Blanding, Utah

6. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)  
 657'

16. NO. OF ACRES IN LEASE  
 2560

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

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

19. PROPOSED DEPTH  
 2350

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6639 GR

22. APPROX. DATE WORK WILL START\*  
 5/10/68

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12"	10-3/4" <input checked="" type="checkbox"/>	32.75	200' <input checked="" type="checkbox"/>	sufficient to circulate to surface <input checked="" type="checkbox"/>
7-7/8"				

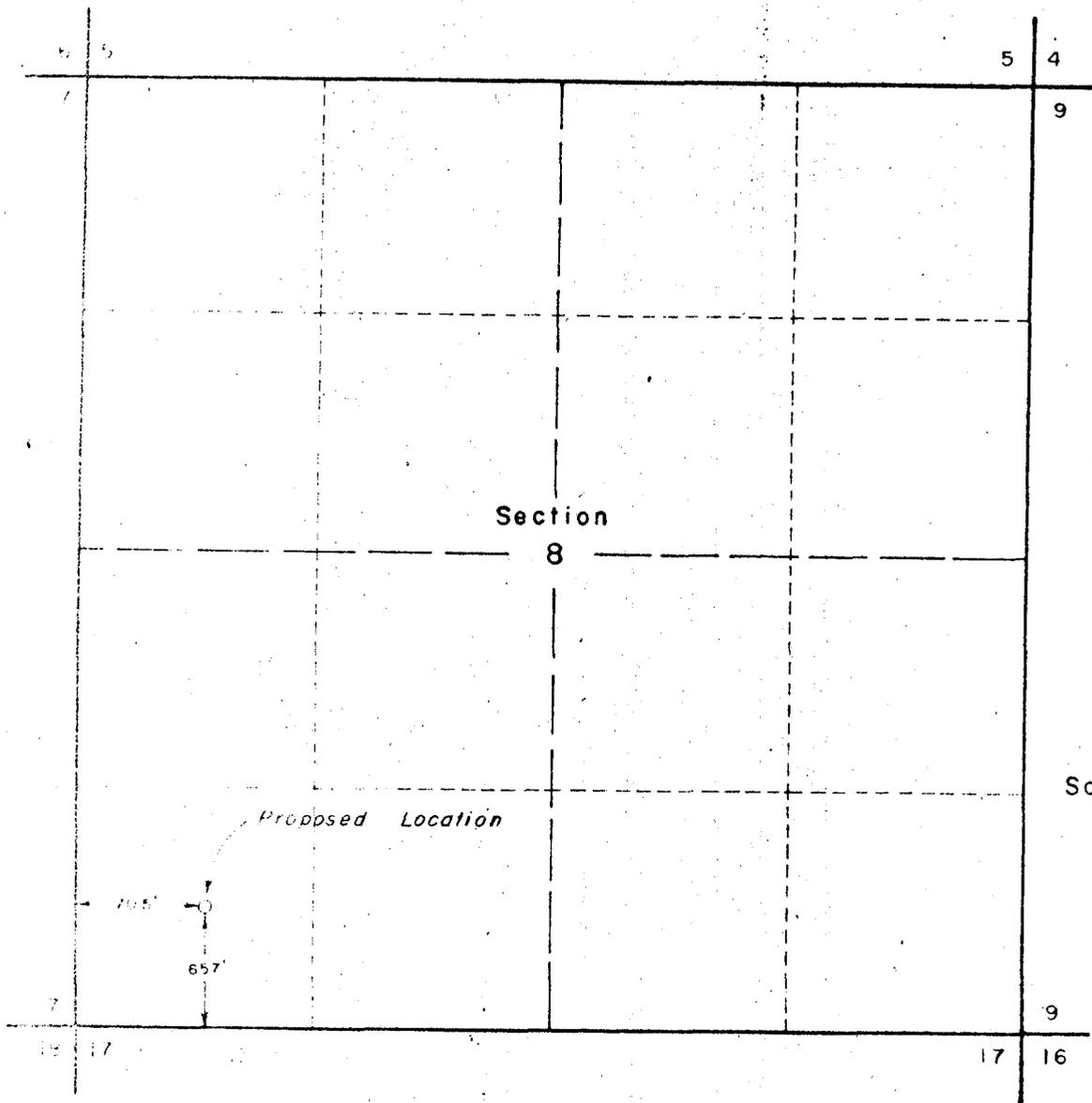
Drill hole for approximately 200' of 10-3/4" surface casing and cement same. Install air drilling BOPE and test to 500 psi. Air drill 7-7/8" hole to approximate Total Depth of 2300' to test the Desert Creek zone of the Hermosa formation. 5 1/2" production casing will be run if production is encountered.

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 prevention program, if any.

SIGNED Russell A. Pomeroy TITLE Manager DATE April 25, 1968  
 (This space for Federal or State office use)

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

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



**WELL LOCATION: Occidental Petroleum Corp. — Gov't. No. 1**

Located 657 feet North of the South line and 705 feet East of the West line of Section 8  
 Township 32 South Range 19 East Salt Lake Base & Meridian  
 San Juan Co., Utah

Existing ground elevation determined at 6634 feet based on U.S.G.S.

I hereby certify that the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

*Frederick H. Reed*

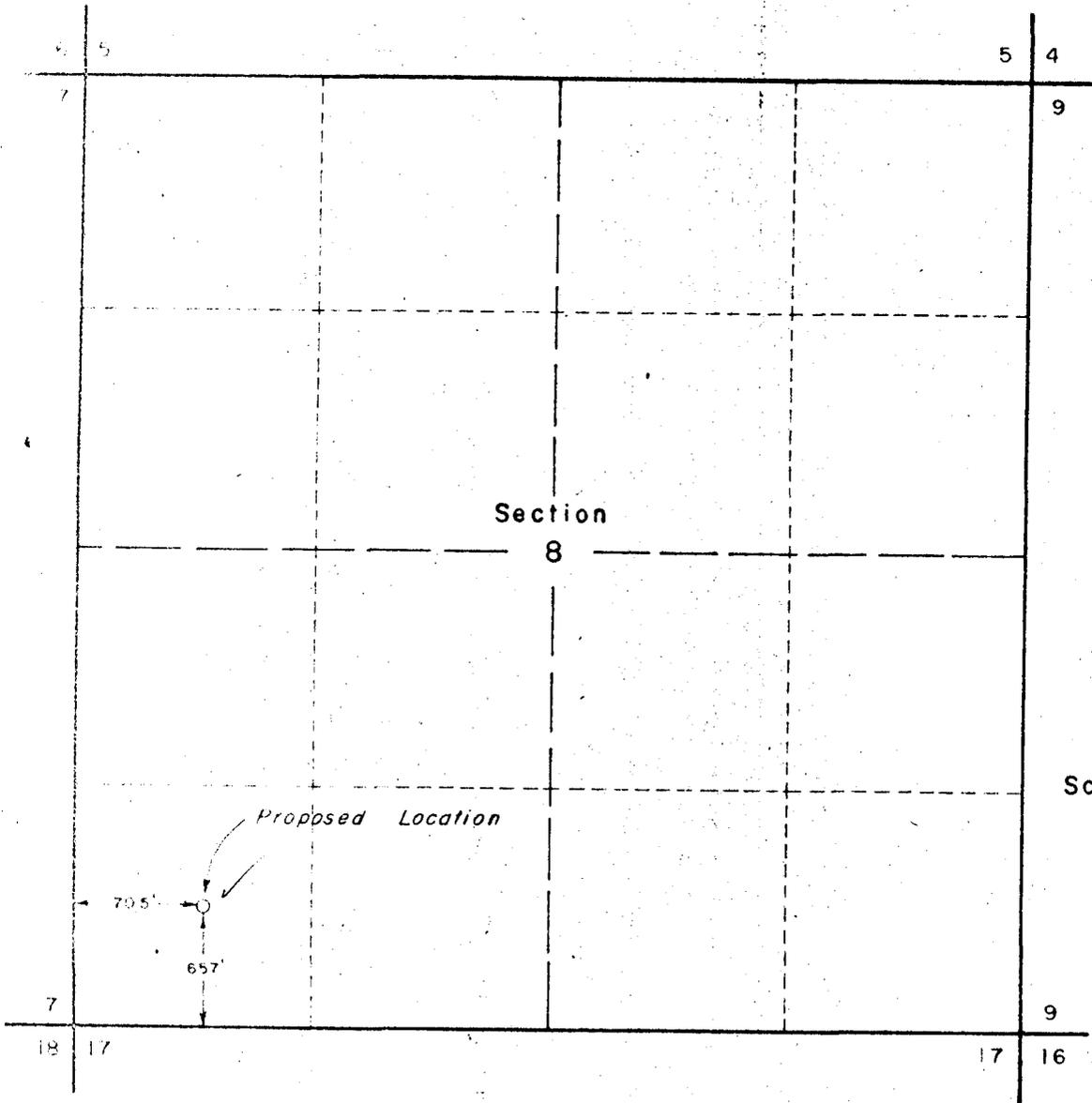
FREDERICK H. REED  
 Registered Land Surveyor

OCCIDENTAL PETROLEUM CORP.  
 Denver, Colorado

WELL LOCATION PLAT  
 SEC. 8, T.32S., R.19E.  
 San Juan Co., Utah

CLARK-REED & ASSOC.  
 Durango, Colorado

DATE FEB. 24, 1968  
 FILE NO. 68-0-04



Scale: 1" = 1000'

**WELL LOCATION: Occidental Petroleum Corp. — Gov't. No. 1**

Located 657 feet North of the South line and 705 feet East of the West line of Section 8  
 Township 32 South Range 19 East Salt Lake Base & Meridian  
 San Juan Co., Utah  
 Existing ground elevation determined at 6634 feet based on U.S.G.S.

I hereby certify that the above plat represents a survey  
 made by me or under my supervision and that it is accurate  
 to the best of my knowledge and belief.

*Charles H. Reed*

CHARLES H. REED  
 Registered Land Surveyor

OCCIDENTAL PETROLEUM CORP. Denver, Colorado	
WELL LOCATION PLAT SEC. 8, T.32S., R.19 E. San Juan Co., Utah	
CLARK-REED & ASSOC. Durango, Colorado	DATE FEB. 24, 1968 FILE NO 68-D-04

(Submit in duplicate to appropriate  
Regional Oil and Gas or Mining Supervisor)

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah  
SERIAL No.: Utah 4074

and hereby designates

NAME: Occidental Petroleum Corporation  
ADDRESS: 824 Patterson Building  
Denver, Colorado, 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Twp. 32 South, Rge. 19 East, SLM  
Section 8: SW/4 SW/4  
San Juan County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

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

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

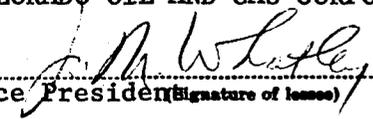
ATTEST:

By

  
Assistant Secretary

COLORADO OIL AND GAS CORPORATION

By

  
Vice President (Signature of lessee)

April 26, 1968

(Date)

1000 Denver Club Bldg., Denver, Colo. 80202

(Address)

EXECUTIVE OFFICES:  
LOS ANGELES, CALIFORNIA

BUSINESS AND ADMINISTRATIVE OFFICES:  
5000 STOCKDALE HIGHWAY  
BAKERSFIELD, CALIFORNIA

# OCCIDENTAL PETROLEUM CORPORATION

ROCKY MOUNTAIN DIVISION  
824 PATTERSON BUILDING  
DENVER, COLORADO 80202  
AREA CODE 303  
PHONE 286-3129

April 26, 1968

U. S. Geological Survey  
8416 Federal Building  
Salt Lake City, Utah 84111

Attention: Mr. Rodney A. Smith  
District Engineer

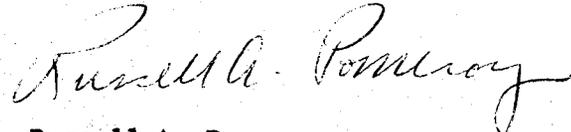
Re: #1 Cataract Canyon Gov't  
San Juan County, Utah

Gentlemen:

Enclosed are the following: three copies of Application for Permit to Drill, three copies of Location Plat, and original and two copies of Designation of Operator for the above captioned well. This test will be drilled under our nationwide oil and gas lease bond #23-63-76, issued by Phoenix Assurance Company of New York as surety.

Yours very truly,

OCCIDENTAL PETROLEUM CORPORATION



Russell A. Pomeroy  
Manager of Operations

RAP:cr  
Enclosures

cc: Utah Oil & Gas Conservation Commission  
348 E. South Temple  
Salt Lake City, Utah  
(2 copies of each enclosure attached)

April 29, 1968

Occidental Petroleum Corporation  
824 Patterson Building  
Denver, Colorado 80202

Re: Well No. Cataract Canyon Government  
#1, Sec. 8, T. 32 S., R. 19 E.,  
San Juan County, Utah.

Gentlemen:

This letter is to confirm verbal approval given by Paul W. Burchell, Chief Petroleum Engineer on April 26, 1968.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, CHIEF PETROLEUM ENGINEER  
HOME: 277-2890 - Salt Lake City, Utah  
OFFICE: 328-5771

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

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

Occidental Petroleum Corporation

April 29, 1968

-2-

The API number assigned to this well is 43-047-30009 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sc

cc: U. S. Geological Survey  
Rodney Smith, District Engineer  
8416 Federal Building  
Salt Lake City, Utah

FILE IN DUPLICATE

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION

"DESIGNATION OF AGENT"

The undersigned producer, operator, transporter, refiner, gasoline or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Rules and Regulations, and Rules of Practice and Procedure of the Division of Oil and Gas Conservation of the State of Utah, by ~~Robert O. Thomas~~ **A. Robert Thomas**, whose address is **10 Exchange Place, Salt Lake City, Utah 84111**, (his, her or its) designated agent to accept and to be served with notices from said Division, or from other persons authorized under the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designated agent is filed in accordance with said statute and said regulations.

**May 3, 1968**

Effective Date of Designation \_\_\_\_\_

**OCCIDENTAL PETROLEUM CORPORATION**                      **824 Patterson Bldg., Denver, Colo. 80202**  
Company \_\_\_\_\_ Address \_\_\_\_\_

By *Russell A. Pomeroy* Title \_\_\_\_\_  
**Russell A. Pomeroy, Attorney-in-fact**  
(Signature)

NOTE: AGENT MUST BE A RESIDENT OF UTAH.

6-20-68

Occidental Petroleum Corporation

Cataract Canyon Loc #1

Sec. 8, T. 35 South, R. 19 East San Juan

Russ Pomaroy

Cutter - Surface

Penn. Top - 1010

Drilled with air below surface casing.

1300-1800. no returns (near top of Desert Creek.)

Then cored - got stuck & parted (1790' top of fish)

no returns. 8 5/8" casing cemented @ 1680'

parted at 1650 (4 1/2" gap no collar) Downhole

explosion with diesel 6-16-68 can't get

below 1715' (at most 1755' - losing circulation through

hole in casing - can't plug, leave 5 5/8" leg in hole

U. S. G. S.

1) 100' plug in bottom of 8 7/8" packer (1550' - 1650').

2) 100' plug across top of penn. with water between plugs. - no sense?? OK if U. S. G. S. Wants - Down's do any good.

3) 15 sy in annulus between surface casing & 8 5/8"

4) 10 sy at surface / marker.

If 8 5/8" is out.

1) 100' plug in casing above 1650'

2) 100' plug in steel

3) 100' plug across top of penn.

4) 1/2 in & 1/2 out (50') base of surface casing

5) 10 sy at surface / marker.

6-20-68

Will offset & drill another

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN REVERSE SIDE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424

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.)

5. LEASE DESIGNATION AND SERIAL NO.  
**Utah-4074**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-

7. UNIT AGREEMENT NAME  
-

8. FARM OR LEASE NAME  
-

9. WELL NO.  
**#1 Cataract Canyon Gov't**

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

11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA  
**SW SW Sec 8-32S-19E**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**Utah**

1. OIL WELL  GAS WELL  OTHER **drilling**

2. NAME OF OPERATOR  
**OCCIDENTAL PETROLEUM CORPORATION**

3. ADDRESS OF OPERATOR  
**824 Patterson Bldg., Denver, Colorado 80202**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**SW SW (657' N of S line; 705' E of W line) Sec. 8, Twp. 32 S, Rg. 19E, San Juan County, Utah**

14. PERMIT NO.  
**6639 GR**

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**6639 GR**

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

NOTICE OF INTENTION TO :		SUBSEQUENT REPORT OF :	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

**Report of daily drilling operations**

(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.)\*

**See Attached**

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

SIGNED Russell A. Pomeroy TITLE Manager DATE 6-26-68

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

- 5/24/68 Spudded at 12:30 p.m.
- 5/25/68 No Report
- 5/26/68 Drill Depth 184'
- 5/27/68 Drill Depth 233' Dev: 100' -  $\frac{1}{4}^{\circ}$  210' -  $\frac{1}{4}^{\circ}$   
Converted to mud at 184' to finish surface hole. Twisted off at 226', recovered fish and drilled 13-3/4" surface hole to 233'. Set 7 jts. of 10-3/4", 32 lb. surface casing at 218' GL w/110 sx cement plus 2% CaCl and 2% gel in first 50 sx. Plug down at 7:00 p.m., 5/26/68. WOC. Will drill out with air.
- 5/28/68 Drill Depth 330'  
Drilling in limestone & Chert, dry and dusting. Picking up collars, button bit and hammer tool.
- 5/29/68 Drill Depth 692'  
Dev: 650' -  $\frac{3}{4}^{\circ}$
- 5/30/68 Drill Depth 930'  
Dev: 917' -  $0^{\circ}$  Had small water flow at approx. 715', now mist drilling.
- 5/31/68 Drill Depth 1126'
- 6/1/68 Drill Depth 1486'  
Dev: 1165' -  $\frac{1}{4}^{\circ}$
- 6/2/68 Drill Depth 1740'  
Dev: 1536' -  $\frac{3}{4}^{\circ}$
- 6/3/68 Drill Depth 1820'
- 6/4/68 Drill Depth 1821'  
Started cutting core #1 at 1820'. Stuck core barrel, parted core barrel while jarring. Fishing.
- 6/5/68 Drill Depth 1821'  
Fishing. Mixed mud and air and cleaned out to top of fish.
- 6/6/68 Drill Depth 1821'  
Conditioning Hole.
- 6/7/68 Drill Depth  
Ran Schlumberger induction log and gamma-ray-neutron log from 218-1659'. Fluid level in hole at 1650', plug #1 w/3  $\frac{1}{2}$ " open end drill pipe hung at 1306'. Mixed 50 sx class A cement, pre-mixed with 50 sx gel using diesel as a mixing fluid, pumping 2 bbls of mud per minute down the annulus for a 15 min. job. CIT at 12:10 a.m., calculated to fill 750 lineal feet calculated drop at 894' after 8 hrs. should plug at 1381 for 278' of fill.
- (The above was at 8:00 a.m., 6/7/68) Later another plug as above was used and hung at 1306'. Have not regained circulation.

6/8-14/68 NO REPORT

6/15/68 Opened hole to 9-7/8" down to 1686'. Ran 8-5/8", 32#, J-55 to 1680'. 1686.72' on hook. Prep to cement.

6/16/68 Cemented 8-5/8" casing at 1680' w/100 sx cement in place at 10:15 a.m., 6/15/68. While cementing casing, fell from 1680-86, cement bead and safety chain broke. Repaired and finished cementing. WOC 16 hrs. Ran 7" Bowen magnet to 1648 to recover chain, etc. No recovery, no evidence of junk in hole. Ran bit and 7-5/8" junk basket. Drilled plug 1648-49 in 1½ hr. Lost circulation completely. Ran fluid level indicator, found no fluid in hole. Rigging up to drill w/air.

6/17/68 Changed to air, drilled on junk 1648-49 for 1 hr. Ran magnet w/ no recovery except bit teeth. Ran 7-7/8" bit w/junk basket from 1649-50 for 1½ hr, broke through at 1650'. Ran 7" basket w/magnet, couldn't get below 1648. Can get to 1679 w/bit but only to 1648 w/magnet. Casing parted at 1648 (?). Preparing to drill out shoe and run McClough casing log and cement bond log.

6/18/68 Cleaned out to 1680', recovered junk. Ran McClough casing detection log, found pipe separated at 1650' 6½' above bottom of second joint. Separation due to down hole explosion from diesel cement vapors (?). Cleaned out to 1724', hole free of junk from 1714-24, hole sluffing at 1724 - can't make connection. Will convert to stiff foam and attempt to clean out.

6/19/68 Cleaned out to 1755, hole filled back to 1715, cleaned out again to 1755 stuck drill pipe, worked for 3/4 hour and came free. Set plug #6 at 1488 (150 sax plastic cement plus 25 gilsonite/ sax w/4% gel and 3% calcium cholride.) Plug in place at 4:50 AM 6/19. Pulled out of hole, no fluid on drill pipe. Ran fluid level indicator to 1600, no fluid. Standing cemented. Plan to recement w/ calseal super fast cement.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

C.R. *[Signature]*  
Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.  
**Utah-4074**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-

7. UNIT AGREEMENT NAME  
-

8. FARM OR LEASE NAME  
-

9. WELL NO.  
**#1 Cataract Canyon Gov't**

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

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**SW SW Sec. 8-32S-19E**

12. COUNTY OR TERRITORY  
**Salt Lake**

13. STATE  
**Utah**

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  
**OCCIDENTAL PETROLEUM CORPORATION**

3. ADDRESS OF OPERATOR  
**824 Patterson Bldg., Denver, Colorado 80202**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **697 ft of 3 lines, 705 ft of 1 line  
Sec. 8-32S-19E**

At top prod. interval reported below

At total depth **Same**

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

15. DATE SPUNDED **5/24/68** 16. DATE T.D. REACHED **6/15/68** 17. DATE COMPL. (Ready to prod.) **drilled and abandoned** 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* **6639' KB** 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD **1821'** 21. PLUG, BACK T.D., MD & TVD \_\_\_\_\_ 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY **Rotary** ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**Drilled and Abandoned**

25. WAS DIRECTIONAL SURVEY MADE  
**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**Induction Gamma-Ray neutron, casing detection and cement bond**

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>10 3/4</b>	<b>32</b>	<b>218</b>	<b>13 3/4</b>	<b>110 sx and 2% CaCl and 2% gel in first 50 sx</b>	<b>-</b>
<b>8 5/8</b>	<b>32</b>	<b>1680</b>	<b>9 7/8</b>	<b>100 sx</b>	<b>1527'</b>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

**Plugging Record**

<b>1650-1405</b>	<b>100 sx</b>
<b>1000- 880</b>	<b>60 sx</b>
<b>265- 182</b>	<b>45 sx</b>
<b>20-surface</b>	<b>10 sx</b>

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

DATE FIRST PRODUCTION **drilled&abandoned** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) \_\_\_\_\_

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

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS \_\_\_\_\_

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

**Russell A. Pomeroy** *[Signature]* **Manager** DATE **6-26-68**

\*(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.)

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. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
		MEAS. DEPTH	TRUE VERT. DEPTH
		Cedar Mesa Rico Hermosa Lower Ismay Desert Creek	Surface 330' 930' 1598' (?) 1642

RECEIVED

JUL 5 1968

U. S. GEOLOGICAL SURVEY  
DENVER, COLO.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R-124. *PI*

5. LEASE DESIGNATION AND SERIAL NO.

Utah-4074

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

#1 Cataract Canyon Gov't

10. FIELD AND POOL, OR WILDCAT  
Wildcat

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

SW SW Sec 8-32S-19E

12. COUNTY OR PARISH  
San Juan

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 **dry hole**

2. NAME OF OPERATOR  
**OCCIDENTAL PETROLEUM CORPORATION**

3. ADDRESS OF OPERATOR  
**824 Patterson Bldg., Denver, Colorado 80202**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
**SW SW (657' of S line; 705' E of W line) Sec. 8,  
Twp. 32 S, Rg. 19E, San Juan County, Utah**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**6639 GR**

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

(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.)\*

Well plugged and abandoned June 24, 1968. Plugs set as follows:  
Plug #1 1650-1405 w/100 sx  
Plug #2 1000- 880 w/ 60 sx  
Plug #3 265- 182 w/45 sx  
Plug #4 20 surface w/10 sx

Verbal permission to plug and abandon this location was received from  
Jerry W. Long, District Engineer, U. S. G. S., on June 21, 1968.

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

SIGNER *Russell A. Pomaroy*  
**Russell A. Pomaroy**

TITLE **Manager**

DATE **6-26-68**

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

July 1, 1968

Occidental Petroleum Corporation  
6073 West 44th Avenue  
Wheat Ridge, Colorado 80033

Re: Well No. Cataract Canyon  
Government #1, Sec. 8, T. 32 S.,  
R. 19 E., San Juan County, Utah.

For the month of May, 1968

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the month(s) mentioned above for the subject well. Rule C-22 (1), General Rules and Regulations and Rules of Practice and Procedure, Utah State Division of Oil and Gas Conservation requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U. S. Geological Survey 9-331, "Sundry Notices and Reports on Wells"), or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your cooperation with respect to this request is greatly appreciated.

Very truly yours,

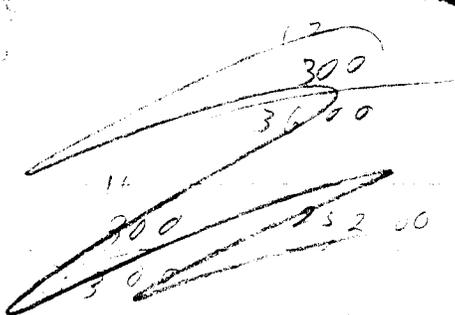
DIVISION OF OIL & GAS CONSERVATION

SHARON CAMERON  
RECORDS CLERK

sc

Enclosure: Form OGC-1b

*Handwritten scribble*



7/19/68

Russ Pomary - Occidental  
 Surjeon - # 2 Catarack Canyon sec 9 T32S R19E  
 TD 3162 (with air) in Miss -

2930 (logged)

(can't get below)  
 (salt water) 1900'

- Cedar Mesa - surface
  - Rice - 330
  - Penn - 933
  - Deer Creek - 1800
  - Pangloss - 1892
  - Miss (sample) - 3080
- } dry

might  
 have  
 to lower ←

- 1) 1850 to 1700 top of Deer Creek
- 2) 1000 to 900 top of Penn.
- 3) 750 to 200 - across surface coning
- 4) 15 sp at surface / number

PMB

August 2, 1968

OCCIDENTAL PETROLEUM CORPORATION  
6173 W. 4th Avenue  
Wheat Ridge, Colorado 80033

Re: CATARACT CANYON GOVERNMENT # 1  
Sec. 8 T. 32 S., R. 19 E.,  
San Juan County, Utah

Formation Tops

Gentlemen:

We are in receipt of your "Well Completion or Recompletion Report and Log" for the above mentioned well. However, upon checking the information listed, we note that the above information was omitted from this report.

Please submit to this office the information needed as soon as possible.

Thank you for your cooperation in this matter.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SHARON CAMERON  
RECORDS CLERK

SC

EXECUTIVE OFFICES:  
LOS ANGELES, CALIFORNIA

BUSINESS AND ADMINISTRATIVE OFFICES:  
5000 STOCKDALE HIGHWAY  
BAKERSFIELD, CALIFORNIA

# OCCIDENTAL PETROLEUM CORPORATION

ROCKY MOUNTAIN DIVISION  
824 PATTERSON BUILDING  
DENVER, COLORADO 80202

AREA CODE 303  
PHONE 266-3128

August 2, 1968

Re: #1 & #2 Cataract Canyon Wells  
San Juan County, Utah

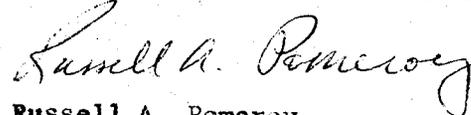
Mr. Jerry W. Long, District Engineer  
U. S. Geological Survey  
Branch of Oil and Gas Operations  
Post Office Box 1809  
Durango, Colorado 81302

Dear Mr. Long:

Enclosed are two copies each of the Gamma Ray - Neutron and Induction Log final prints for the #1 Cataract Canyon well. Also enclosed are two copies each of the Induction-Gamma Ray, Compensated Formation Density, and Gamma Ray-Neutron final prints for the #2 Cataract Canyon well.

Yours very truly,

OCCIDENTAL PETROLEUM CORPORATION



Russell A. Pomeroy  
Manager of Operations

RAP:cr

Enclosures

cc w/enclosures:

Utah Oil and Gas Conservation Commission  
348 East South Temple  
Salt Lake City, Utah

EXECUTIVE OFFICES:  
LOS ANGELES, CALIFORNIA

BUSINESS AND ADMINISTRATIVE OFFICES:  
5000 STOCKDALE HIGHWAY  
BAKERSFIELD, CALIFORNIA

# OCCIDENTAL PETROLEUM CORPORATION

ROCKY MOUNTAIN DIVISION  
824 PATTERSON BUILDING  
DENVER, COLORADO 80202  
AREA CODE 303  
PHONE 266-3129

August 7, 1968

State of Utah  
Division of Oil and Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Attention: Sharon Cameron

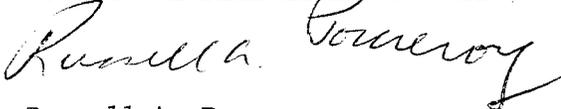
Re: CATARACT CANYON GOVERNMENT # 1  
Sec. 8, 32S, 19E  
San Juan County, Utah  
Formation Tops

Gentlemen:

Enclosed are duplicated copies of "Well Completion or Recompletion Report and Log" for the above captioned well which you requested in your letter of August 2.

Very truly yours,

OCCIDENTAL PETROLEUM CORPORATION



Russell A. Pomeroy  
Manager of Operations

RAP:ba  
Enclosures

August 16, 1968

OCCIDENTAL PETROLEUM CORPORATION  
824 Patterson Building  
Denver, Colorado 80202

Re: Cataract Canyon Wells # 1, & 2  
San Juan County, Utah

Gentlemen:

This office is receipt of your Electric logs for the above mentioned wells. However several of the logs have been marked tight hole.

In order to hold this information confidential, we must have a letter from you requesting this information held confidential. If we do not hear from you by August 25, 1968, we will assume that the information can be released.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

SHARON CAMERON  
RECORDS CLERK