

FILE NOTATIONS

Entered in NID File .....  
Location Map Pinned .....  
and Indexed .....

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

COMPLETION DATA:

Well Completed *5-11-76* .....  
..... WW..... TA.....  
GW.  OS..... PA.....

Location Inspected .....  
Bond released  
State or Fee Land .....

LOGS FILED

Driller's Log.....  
Electric Logs (No.) .....  
E..... I..... Dual I Lat..... GR-N..... Micro.....  
BHC Sonic GR..... Lat..... MI-L..... Sonic.....  
CBLog..... CCLog..... Others.....

*Effective 6/6/77 Potumbus Corp merged w/  
W. R. Graw & Co., new operator;  
W. R. Graw & Co., Potumbus Co Division*

# the polumbus corporation

Three Park Central Suite 200  
1515 Arapahoe Street  
Denver, Colorado 80202

303/825-8193

November 19, 1975

OIL & GAS CONSERVATION COMMISSION  
1588 West North Temple  
Salt Lake City, Utah 84116

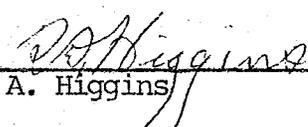
Gentlemen:

Enclosed find three (3) copies of Plat and Permit to Drill  
Form OGCC-1a for Hart #1 Well located in Section 23, T34S, R25E, San Juan  
County, Utah.

Yours very truly,

THE POLUMBUS CORPORATION

By

  
R. A. Higgins

RAH:mh

enc.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

5. LEASE DESIGNATION AND SERIAL NO.  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Hart  
9. WELL NO.  
1  
10. FIELD AND POOL, OR WILDCAT  
Wildcat  
11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  
12. COUNTY OR PARISH  
San Juan  
13. STATE  
Utah

**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  
 THE COLUMBUS CORPORATION ✓  
 3. ADDRESS OF OPERATOR  
 THREE PARK CENTRAL, SUITE 200  
 1515 ARAPAHOE ST., DENVER, COLORADO 80202 ✓  
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
 C-NW-NW Section 23, T35S R25E ✓  
 At proposed prod. zone  
 660' FNL, 670" FWL ✓  
 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 4-1/2 miles SW of Eastland, Utah.  
 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  
 320 ✓  
 17. NO. OF ACRES ASSIGNED TO THIS WELL  
 320 ✓  
 18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 19. PROPOSED DEPTH  
 5600  
 20. ROTARY OR CABLE TOOLS  
 Rotary  
 21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6721' K.B. (Estimated)  
 22. APPROX. DATE WORK WILL START\*  
 11-25-75

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 12-1/4"      | 8-5/8"         | 24#             | 300           | 200 SX ✓           |
| 7-7/8"       | 5-1/2"         | 14#             | 5600          | 200 SX             |

It is proposed to drill a well at the above location to test the Desert Creek at approximately 5600' T.D.

All shows of oil or gas will be appropriately tested, the well logged at T.D. and either production casing run or the well plugged and abandoned as indicated.



APPROVED BY THE DIVISION OF OIL, GAS, AND MINING  
 DATE: 11-21-75  
 BY: [Signature]

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 R.A. Higgins TITLE Manager of Drilling DATE 11-12-75

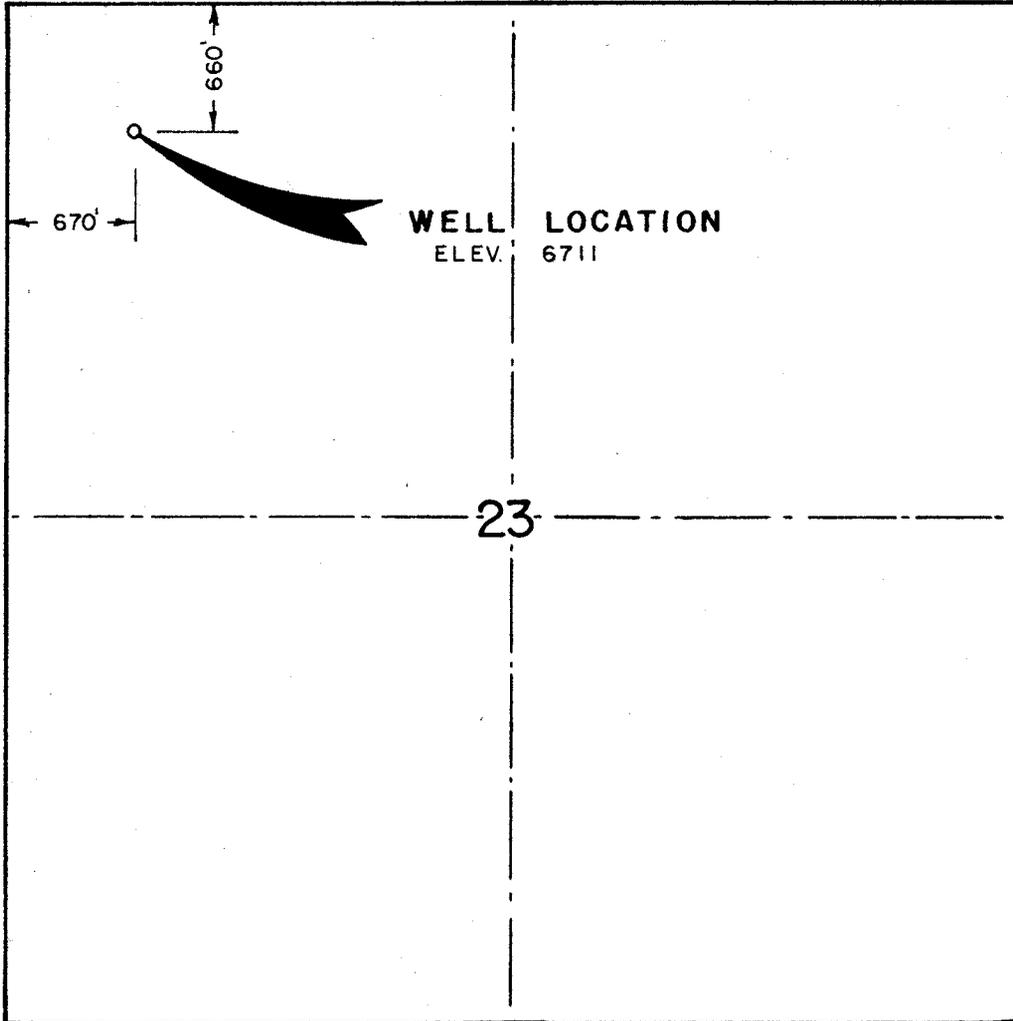
(This space for Federal or State office use)

PERMIT NO. 43-037-30260 APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION  
660.0 FT. S.N.L.-670.0 FT. E.W.L.  
NW 1/4 NW 1/4 SECTION 23, T35 S R 25 E, SLB.&M.



Scale 1" = 1000'

I, David L. Bear do hereby certify that this plat was plotted from notes of a field survey made under my direct responsibility, supervision and checking on October 28, 1975.

*David L. Bear*  
Registered Land Surveyor

WESTERN ENGINEERS, INC.  
WELL LOCATION  
POLUMBUS CORP.  
POLUMBUS No 1 HART  
SAN JUAN COUNTY, UTAH  
SURVEYED D.L.B. DRAWN G.L.A.  
GRAND JUNCTION, COLO. 10/29/75

DIVISION OF OIL, GAS, AND MINING

*Gold*

\*FILE NOTATIONS\*

Date: Nov. 21  
 Operator: Columbus Corp.  
 Well No: Hart Lee #1  
 Location: Sec. 23 T. 35S R. 25E County: San Juan

File Prepared  Entered on N.I.D.   
 Card Indexed  Completion Sheet

Checked By:

Administrative Assistant: *SW*  
 Remarks: *No other wells - T.K.P.*  
 Petroleum Engineer/Mined Land Coordinator: *PD*  
 Remarks:  
 Director: *Z*  
 Remarks:

Include Within Approval Letter:

Bond Required  Survey Plat Required   
 Order No.  Blowout Prevention Equipment   
 Rule C-3(c) Topographical exception/company owns or controls acreage within a 660' radius of proposed site   
 O.K. Rule C-3  O.K. In \_\_\_\_\_ Unit   
 Other:

Letter Written

November 21, 1975

The Polumbus Corporation  
Three Park Central  
Suite 200  
Denver, Colorado 80202

Re: Well No. Hart Fee #1  
Sec. 23, T. 35 S, R. 25 E,  
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the General Rules and Regulations and Rules of Practice and Procedure.

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

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
HOME: 582-7247  
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-037-30260.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
DIRECTOR

CBF:sw

|  |                                      |                             |  |
|--|--------------------------------------|-----------------------------|--|
| WELL NO. AND FARM<br><b>#1 HEART</b>       | COUNTY<br><b>SAN JUAN</b>            | STATE<br><b>UTAH</b>        | DATE<br><b>11-JAN-1976</b>                           |
| OWNER<br><b>POLYMBUS CORP.</b>             | CONTRACTOR<br><b>SIGNAL DRUG CO.</b> | DUNCAN USE ONLY             |  |
| CHARGE TO<br><b>POLYMBUS CORP.</b>         | DELIVERED TO                         | LOCATION<br><b>1 CORTEZ</b> | CODE<br><b>20420</b>                                 |
| ADDRESS<br><b>3 PARK CENTRAL SUITE 200</b> | SHIPPED VIA<br><b>CO. VEHICLES</b>   | LOCATION<br><b>2</b>        | CODE   |
| <b>9515 ARAPAHOE STREET</b>                | CUST. INV. REQ. ORIG. &              | LOCATION<br><b>3</b>        | CODE   |
| <b>DENVER, COLO.</b>                       | <input type="checkbox"/> 1           | ORDER NO.                   | BULK MATERIAL DELIVERY TICKET NO.<br><b>B-394681</b> |
|  | <input type="checkbox"/> 2           | TOTAL ACID - 30 DAYS        | WELL TYPE<br><b>WILD-CAT</b>                         |
|  | <input type="checkbox"/> 3           |                             | CODE<br><b>w/c</b>                                   |
|  | <input type="checkbox"/> 4           | NO. COPIES                  | TYPE AND PURPOSE OF JOB<br><b>PLUG TO ABANDON</b>    |

TERMS: **NET** DUE BY THE 20TH OF FOLLOWING MONTH, INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.

| PRICE REFERENCE                                  | SECONDARY REF. OR PART NO. | CODE |   | DESCRIPTION                          | UNITS 1 |       | UNITS 2 |       | UNIT PRICE | AMOUNT   |
|--|----------------------------|------|---|--------------------------------------|---------|-------|---------|-------|------------|----------|
|  |                            | L    | D |                                      | QTY.    | MEAS. | QTY.    | MEAS. |            |          |
| R000-117   |                            |      |   | MILEAGE ON PUMP TRUCK                | 58      | mi    |         |       | 1.10       | 63 80    |
| R009-019   |                            |      |   | PUMPING CHARGE                       | 5868    | ft.   |         |       |            | 1,018 75 |
| 504-043  |                            |      |   | CLASS-B CEMENT                       | 200     | sk    |         |       | 3.70       | 740 00   |
| R009-027   |                            |      |   | ADDITIONAL HOURS                     | 8       | HR.   |         |       |            | 737 00   |
|  |                            |      |   | SERVICE CHARGE ON MATERIALS RETURNED |         |       |         |       | CU. FT.    |          |
| 500-207  |                            |      |   | SERVICE CHARGE                       |         |       |         |       | .55        | 110 00   |
| 500-314  |                            |      |   | TOTAL WEIGHT 58                      |         |       |         |       | .38        | 103 59   |
|  |                            |      |   | LOADED MILES 272.600                 |         |       |         |       |            |          |
| TAX REFERENCES                                   |                            |      |   |                                      |         |       |         |       | SUB TOTAL  | 2773.14  |
| WAS JOB SATISFACTORILY COMPLETED? _____          |                            |      |   |                                      |         |       |         |       | TAX        |          |
| WAS OPERATION OF EQUIPMENT SATISFACTORY? _____   |                            |      |   |                                      |         |       |         |       | TAX        |          |
| WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____ |                            |      |   |                                      |         |       |         |       | TAX        |          |
| X _____  |                            |      |   |                                      |         |       |         |       | TOTAL      |          |

Customer or His Agent

*E. M. Gohring*  
Halliburton Operator

**THIS IS NOT AN INVOICE**

TAXES, PRICE CHANGES, AND OTHER APPLICABLE DATA WILL BE SHOWN ON OUR INVOICE TO BE SUBMITTED FOR PAYMENT AT A LATER DATE.

CUSTOMER



FORM 1908 R-2 A Division of Halliburton Company DUNCAN, OKLAHOMA 73533

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 887715

DISTRICT CORTEZ, COLORADO

DATE 11 JAN 1976

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: COLUMBUS CORP. (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. #1 LEASE HEART SEC. TWP. RANGE

FIELD WILD-CAT COUNTY SAN JUAN STATE UTAH OWNED BY COLUMBUS CORP.

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME TYPE FORMATION THICKNESS FROM TO PACKER: TYPE SET AT TOTAL DEPTH MUD WEIGHT BORE HOLE INITIAL PROD: OIL BPD, H2O BPD, GAS MCF PRESENT PROD: OIL BPD, H2O BPD, GAS MCF

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I., SHOTS/FT. Rows include CASING, LINER, TUBING, OPEN HOLE, and PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED PLUG TO ABANDON

CUSTOMER OR HIS AGENT STATES THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- As consideration, the above-named Customer agrees: (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. (b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner... (k) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT

SIGNED [Signature] CUSTOMER

DATE 10 JAN 1976

TIME 2200 A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER

# HALLIBURTON SERVICES JOB SUMMARY

FORM 2012 R-1

HALLIBURTON DIVISION MID-LAND

HALLIBURTON LOCATION CORTEZ, COLORADO

BILLED ON TICKET NO. 887715

## WELL-DATA

FIELD WILD-CAT SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ COUNTY SAN JUAN STATE UTAH

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
 FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
 INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
 PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
 COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_  
 PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
 BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
 MISC. DATA \_\_\_\_\_

| NEW USED     | SIZE         | FROM     | TO          | WEIGHT       | MAXIMUM PSI ALLOWABLE |
|--------------|--------------|----------|-------------|--------------|-----------------------|
| <u>P-P</u>   | <u>4 1/2</u> | <u>0</u> | <u>5868</u> | <u>1660</u>  | <u>600</u>            |
| LINER        |              |          |             |              |                       |
| TUBING       |              |          |             |              |                       |
| OPEN HOLE    |              |          |             | TOTAL DEPTH: |                       |
| PERFORATIONS |              |          |             | SHOTS/FT.    |                       |
| PERFORATIONS |              |          |             | SHOTS/FT.    |                       |
| PERFORATIONS |              |          |             | SHOTS/FT.    |                       |

## JOB DATA

| CALLED OUT                              | ON LOCATION                             | JOB STARTED                             | JOB COMPLETED                           |
|---|---|---|---|
| DATE <u>1-10-76</u><br>TIME <u>1600</u> | DATE <u>1-10-76</u><br>TIME <u>1930</u> | DATE <u>1-11-76</u><br>TIME <u>0001</u> | DATE <u>1-11-76</u><br>TIME <u>0800</u> |

## TOOLS AND ACCESSORIES

| TYPE AND SIZE | QTY. | MAKE |
|---------------|------|------|
| FLOAT COLLAR  |      |      |
| FLOAT SHOE    |      |      |
| GUIDE SHOE    |      |      |
| CENTRALIZERS  |      |      |
| BOTTOM PLUG   |      |      |
| TOP PLUG      |      |      |
| HEAD          |      |      |
| PACKER        |      |      |
| OTHER         |      |      |

## PERSONNEL AND SERVICE UNITS

| NAME                | UNIT NO. & TYPE | LOCATION      |
|---------------------|-----------------|---------------|
| <u>F. M. CHAVEZ</u> | <u>7450</u>     | <u>CORTEZ</u> |
| <u>W. T. BAILEY</u> | <u>HT-400</u>   | <u>CORTEZ</u> |
| <u>H. SALISBURY</u> | <u>9370</u>     | <u>COLO.</u>  |

## MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API  
 DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API  
 PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
 PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
 ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
 ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
 ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
 SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN  
 NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN  
 FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_  
 PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
 OTHER \_\_\_\_\_  
 OTHER \_\_\_\_\_

DEPARTMENT CEMENT  
 DESCRIPTION OF JOB PLUG TO ABANDON  
 JOB DONE THRU: TUBING CASING  ANNULUS  TBG./ANN.   
 CUSTOMER REPRESENTATIVE X CHALEY JESSER  
 HALLIBURTON OPERATOR to M. Lohman COPIES REQUESTED 1

## CEMENT DATA

| STAGE    | NUMBER OF SACKS | TYPE          | API CLASS    | BRAND    | BULK SACKED | ADDITIVES | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|----------|-----------------|---------------|--------------|----------|-------------|-----------|------------------|-----------------|
| <u>1</u> | <u>200</u>      | <u>REC. B</u> | <u>IDEAL</u> | <u>B</u> | <u>NONE</u> |           | <u>1.18</u>      | <u>15.6</u>     |

## PRESSURES IN PSI

## SUMMARY

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_  
 BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_  
 AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_  
 SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_  
 ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
 TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
 FEET \_\_\_\_\_ REASON \_\_\_\_\_

VOLUMES 35 TYPE Water  
 LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. \_\_\_\_\_  
 CEMENT SLURRY: BBL.-GAL. 42 BBL  
 TOTAL VOLUME: BBL.-GAL. 214  
 REMARKS \_\_\_\_\_

## HYDRAULIC HORSEPOWER

## AVERAGE RATES IN BPM

## CEMENT LEFT IN PIPE

CUSTOMER

CUSTOMER COLUMBIAS CORP.  
 LEASE HELET.  
 WELL NO. #1  
 JOB TYPE PLUG TO ABANDON DATE 1-11-76

**JOB LOG**

TICKET NO. 887715

CUSTOMER POLYMERISYS CORP

PAGE NO. 1

JOB TYPE PLUG TO ABANDON

DATE 11 JAN 1976

FORM 2013 R-1

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |        | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|--|
|           |      |            |                    | T     | C | TUBING         | CASING |  |
| 1         | 0001 | 5 1/2      | 10                 |       |   |                | 350    | WATER AHEAD OF CEMENT                  |
| 2         | 0002 | "          | 10.5               |       |   |                | "      | MIX CEMENT - 100 SX                    |
| 3         | 0003 | "          | 7                  |       |   |                | "      | DISPLACEMENT OF 1/4 PLUG               |
| 4         | 0012 | "          |                    |       |   |                |        | 100 SX 3865-5520 PLUG SET              |
| 5         | 0215 | "          | 10                 |       |   |                | "      | WATER AHEAD OF CEMENT                  |
| 6         | 0218 | "          | 3.75               |       |   |                | "      | MIX CEMENT - 35 SX                     |
| 7         | 0220 | "          | 5                  |       |   |                | "      | STARTED DISPLACEMENT OF 2 1/2 PLUG     |
| 8         | 0226 | "          |                    |       |   |                |        | PLUG SET - 35 SX 4425-4310             |
| 9         | 0428 | "          | 10                 |       |   |                | 250    | WATER AHEAD OF CEMENT                  |
| 10        | 0430 | "          | 3.75               |       |   |                | "      | MIX CEMENT - 35 SX                     |
| 11        | 0432 | "          | 22                 |       |   |                |        | STARTED DISPLACEMENT                   |
| 12        | 0437 | "          |                    |       |   |                |        | PLUG SET - 30 SX 1125-1600             |
| 13        | 0742 | 2 1/2      | 5                  |       |   |                | 250    | WATER AHEAD OF CEMENT                  |
| 14        | 0747 | "          | 7                  |       |   |                |        | MIX CEMENT - 30 SX                     |
| 15        | 0752 | "          | 4                  |       |   |                |        | STARTED DISPLACEMENT                   |
| 16        | 0800 | "          |                    |       |   |                |        | PLUG SET - 30 SX 1125-215              |

Thank You  
Steve

PF

# the polumbus corporation

Three Park Central Suite 200  
1515 Arapahoe Street  
Denver, Colorado 80202

303/825-8193



January 19, 1976

Mr. Cleon B. Feight, Director  
Division of Oil, Gas, and Mining  
State of Utah Department of Natural Resources  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Hart #1 Well  
Section 23 T35S R25E  
San Juan County, Utah

*Pat  
has  
file*

Dear Sir:

Attached herewith is a Sundry Notice on the Subsequent Report of Abandonment, State of Utah Form OGCC-1b.

There were no shows in this well beyond a slight mud gas show in the Ismay and Desert Creek, both zones of which were tested with negative results. There were no apparent water zones that we could see while drilling; although, we felt there was probably a water zone at about 1730' on the logs.

An attempt was made to contact your office late Saturday evening for plugging approval. Since we had had no adequate shows in the well, we went ahead and plugged putting plugs over the tested interval, over the Top of Hermosa, Top of Chinlee, and at the base of the surface pipe. The land owner, a Mr. Richard Jones, had asked that the surface plug not be set pending approval towards his taking over the surface pipe and perforating for irrigation waters. We do not know what procedures the Utah Division of Oil, Gas, and Mining requires to do the foregoing and would appreciate your advising us.

Very truly yours,

The Polumbus Corporation

By *R. A. Higgins*  
R. A. Higgins

RAH:mh

K

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

**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.)

|   |   |  |
|---|---|--|
| <p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR<br/>THE POLUMBUS CORPORATION</p> <p>3. ADDRESS OF OPERATOR<br/>Three Park Central, Suite j200<br/>1515 Arapahoe St., Denver, Colorado 80202</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)<br/>At surface<br/>C-NW-NW Section 23, T35S, R25E</p> | <p>5. LEASE DESIGNATION AND SERIAL NO.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME<br/>HART</p> <p>9. WELL NO.<br/>#1</p> <p>10. FIELD AND POOL, OR WILDCAT<br/>Wildcat</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br/>NW NW Sec. 23, T35S, R25E</p> <p>12. COUNTY OR PARISH<br/>San Juan</p> <p>13. STATE<br/>Utah</p> |  |
| <p>14. PERMIT NO.</p>   | <p>15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br/>K.B. 6722', G.L. 6711', T.D. 5875'</p>  |  |

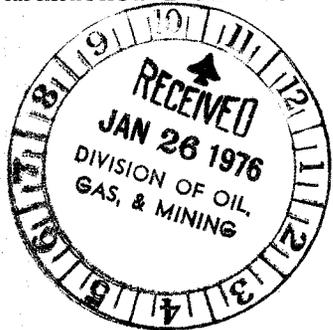
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| 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 checked="" type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/>         | CHANGE PLANS <input type="checkbox"/>         | (Other) _____                                  | (Other) _____                                    |

(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.)\*

5875' T.D.  
Well spudded 4 a.m. 12-11-75. Drilled 0'-325' depth with 12-1/4" hole, 8-5/8" casing, ran and cemented with 250 sacks 3% CaCl. 7-7/8" hole was drilled from 325-5875'. DST #1 was run from 5750'-5801'. Recovered 190' watery mud, very slightly gas cut, Ran DST #2 Straddle Test from 5590'-5640'. Recovered 186' slight water cut mud. SIP 439 psi for 120 min S.I. Ran FDC, C&L, Gamma Ray, & Dual Laterolog. Set 100 sack plug from 5875'-5520'. Set 35 sack plug from 4425-4300'. Set 35 sack plug from 1725-1600'. Set 30 sack plug from 375-275'. over bottom of surface casing. Ready to turn surface casing over to land owner for Water Well completion attempt. Plugged and abandoned 1-11-76.



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

SIGNED R. A. Higgins By MA TITLE Northern Dist Supt. DATE 1-19-76  
R. A. Higgins

(This space for Federal or State office use)

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

FORM OGC-8-X  
FILE IN QUADRUPLICATE

h



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

P

Well Name and Number HART NO. 1

Operator THE POLUMBUS CORPORATION

Address Three Park Central, Suite 200, 1515 Arapahoe St., Denver, Colorado 80202

Contractor Signal Oilfield Service, Inc.

Address 1200 Security Life Building, Denver, Colorado 80202

Location NW 1/4, NW 1/4, Sec. 23 ; T. 35 ; R. 25 E; Sheridan County  
S

Water Sands:

| Depth: |     | Volume:             | Quality:         |
|--------|-----|---------------------|------------------|
| From-  | To- | Flow Rate or Head - | Fresh or Salty - |

1. No water sands were encountered.
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

(Continue on Reverse Side if Necessary)

Formation Tops:

|           |      |            |      |                   |      |
|-----------|------|------------|------|-------------------|------|
| WINGATE   | 1565 | CUTLER     | 2665 | DESERT CREEK ZONE | 5700 |
| CHINLEE   | 1710 | HERMOSA    | 4380 |                   |      |
| SHIMARUMP | 2550 | ISMAY ZONE | 5460 |                   |      |

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
  - (b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.
  - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

SUMMARY OF ZONES

DST #1            5750-5801'                    Desert Creek Zone                    Top 5700            Bottom --  
 IHP 2930 psi  
 I) 30 mins 103.9 psi  
 ISI 151.1  
 Tool on bottom and attempting to open. No surface indication of tool opening  
 Test incomplete.  
 Recovered 190' water cut mud slightly gas cut 2400 cc watery mud slightly  
 gas cut in sample chamber.

DST #2            5590-5640'                    Ismay Zone                    Top 5460            Bottom 5700  
 Open 15 mins  
 SI 30 mins  
 Open 60 mins  
 SI 120 mins  
 IHP 2710  
 FHP 2710  
 IO 57-86  
 FO 105-114  
 ISI 248  
 FSI 439  
 IF very weak - died in 2 mins.  
 FF from 2" of water decreasing to an occasional bubble at 6 mins.  
 Recovery: 186' slightly water cut mud  
 Sampler: Contained 1820 cc of mud at 15 psig.

| GEOLOGIC MARKERS  | MEAS. DEPTH |
|-------------------|-------------|
| Wingate           | 1565        |
| Chinlee           | 1710        |
| Shinarump         | 2550        |
| Cutler            | 2665        |
| Hermosa           | 4380        |
| Ismay Zone        | 5460        |
| Desert Creek Zone | 5700        |

*Copy to  
Walt  
Gene K*

CIRCULATE TO:

- DIRECTOR
- PETROLEUM ENGINEER
- MINING COORDINATOR
- ADMINISTRATIVE ASSISTANT
- ALL

*KS*  
*JS*

RETURN TO *Section*  
FOR FILING

February 2, 1976

Mr. R.A. Higgins  
The Polumbus Corporation  
Three Park Central, Suite 200  
1515 Arapahoe Street  
Denver, Colorado 80202

Re: Hart #1  
Sec. 23, T. 35 S., R. 25 E.  
San Juan County, Utah

Dear Mr. Higgins:

I have received your letter and plugging program relative to the above well. Before we can recommend the release of the Bond on this well, it will be necessary for the surface owner to give us in writing, his acceptance of any liability incurred, with the well being left in this condition. Also, it will be necessary for him to state, that if in the event he is unable to obtain water rights from the State Water Engineer, he will place the surface plug. Until such time as this witnessed and notarized letter is received, this office will continue to hold The Polumbus Corporation responsible for the proper abandonment of this well.

In this matter, I wish to emphasize that The Polumbus Corporation should not have plugged this well without either notifying me or Mr. Patrick Driscoll. The fact that you plugged said well on a Saturday night, and could not reach this office, is inexcusable. Each and every approved drilling application carries the home phone numbers of the persons to be contacted.

Incidentally, you are hereby required to file the cement tickets as soon as possible.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
DIRECTOR

CBF:tb



CALVIN L. RAMPTON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

STATE OF UTAH

GUY N. CARDON  
Chairman

DEPARTMENT OF NATURAL RESOURCES

CHARLES R. HENDERSON  
ROBERT R. NORMAN  
JAMES P. COWLEY  
HYRUM L. LEE

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
Director

1588 West North Temple  
Salt Lake City, Utah 84116

February 2, 1976

RECEIVED FEB 05 1976

Mr. R.A. Higgins  
The Polumbus Corporation  
Three Park Central, Suite 200  
1515 Arapahoe Street  
Denver, Colorado 80202

Re: Hart #1  
Sec. 23, T. 35 S., R. 25 E.  
San Juan County, Utah

Dear Mr. Higgins:

I have received your letter and plugging program relative to the above well. Before we can recommend the release of the Bond on this well, it will be necessary for the surface owner to give us in writing, his acceptance of any liability incurred, with the well being left in this condition. Also, it will be necessary for him to state, that if in the event he is unable to obtain water rights from the State Water Engineer, he will place the surface plug. Until such time as this witnessed and notarized letter is received, this office will continue to hold The Polumbus Corporation responsible for the proper abandonment of this well.

In this matter, I wish to emphasize that The Polumbus Corporation should not have plugged this well without either notifying me or Mr. Patrick Driscoll. The fact that you plugged said well on a Saturday night, and could not reach this office, is inexcusable. Each and every approved drilling application carries the home phone numbers of the persons to be contacted.

Incidentally, you are hereby required to file the cement tickets as soon as possible.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

  
CLEON B. FEIGHT  
DIRECTOR

CBF:tb

# the polumbus corporation

Three Park Central Suite 200  
1515 Arapahoe Street  
Denver, Colorado 80202

303/825-8193

February 17, 1976

Mr. R. L. Jones  
1325 South Colorado Boulevard  
Suite 616  
Denver, Colorado 80202

Re: Hart No. 1 Well  
Section 23 T34S R25E  
San Juan County, Utah

Dear Sir:

The Polumbus Corporation has left the subject well with four plugs in it, the uppermost being across the base of the surface casing from 275' depth to 375' depth.

The Division of Oil and Gas of Utah has stated that you should give them a witnessed and notarized letter to the effect that, if you are unable to obtain water rights from the Utah State Water Engineer, you will place the surface plug for final abandonment.

The Polumbus Corporation will take care of surface restoration of the location.

Would you kindly send The Polumbus Corporation copies of any communication between yourself and the Oil and Gas Division until such time as the release of the Polumbus Bond has been obtained.

Thank you.

Yours very truly,

THE POLUMBUS CORPORATION

By R. A. Higgins  
R. A. Higgins

RAH:mh

# the polumbus corporation

Three Park Central Suite 200  
1515 Arapahoe Street  
Denver, Colorado 80202

303/825-8193

February 17, 1976

well file  
S  
K  
P

Mr. Cleon B. Feight, Director  
Division of Oil, Gas, & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Hart #1  
Section 23 T35S R25E  
San Juan County, Utah

Dear Sir:

Attached herewith are the Cement Tickets involved on the plugging of the subject well.

In addition, I have attached a copy of a letter to the landowner relative to the necessary conditions that must be met to change ownership of the well. The Polumbus Corporation will take care of the surface clean-up this spring.

Very truly yours,

THE POLUMBUS CORPORATION

By R. A. Higgins  
R. A. Higgins

RAH:mh

enclosures







CALVIN L. RAMPTON  
*Governor*

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

CLEON B. FEIGHT  
*Director*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
May 13, 1976

OIL, GAS, AND MINING BOARD

GUY N. CARDON  
*Chairman*

CHARLES R. HENDERSON  
ROBERT R. NORMAN  
JAMES P. COWLEY  
HYRUM L. LEE

Polumbus Corp.  
Three Park Central, Suite 200  
1515 Arapahoe St.  
Denver, Colorado

Re: Well No. Hart Fee #1  
Sec. 23, T. 35S, R. 25E,  
San Juan County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3 in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER  
RECORDS CLERK

# the polumbus corporation

Three Park Central Suite 200  
1515 Arapahoe Street  
Denver, Colorado 80202

303/825-8193

May 14, 1976

Ms. Kathy Ostler  
Records Clerk  
Division of Oil, Gas, and Mining  
State of Utah  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Well No. Hart Fee #1  
Sec. 23, T35S, R25E  
San Juan County, Utah

Dear Ms. Ostler:

Included is a copy of Form OGCC-1b, Sundry Notices and Reports on Wells, and Form OGC-8-X, Report of Water Encountered During Drilling, for the above referenced well.

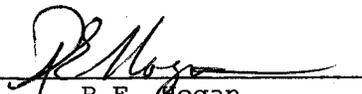
This particular well was plugged and abandoned on January 11, 1976. The attached Form OGCC-1b was filed with your office on January 19, 1976 notifying you of the abandonment.

If a Well Completion or Recompletion Report and Log is necessary, as per your written request on May 13, 1976, in addition to the Form OGCC-1b previously filed, please advise us further.

Yours very truly,

THE POLUMBUS CORPORATION

By

  
R.E. Hogan

REH/jjc  
Enclosures

*Kathy,  
Refer them to Rule C-5  
on Page 30 and the Description  
of OGC-3 on Page 47 of  
R+R booklet*



CALVIN L. RAMPTON  
*Governor*

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple  
Salt Lake City, Utah 84116

GUY N. CARDON  
*Chairman*

CHARLES R. HENDERSON  
ROBERT R. NORMAN  
JAMES P. COWLEY  
HYRUM L. LEE

CLEON B. FEIGHT  
*Director*

May 17, 1976

The Polumbus Corp.  
Three Parl. Central, Suite 200  
1515 Arapahoe St.  
Denver, Colorado

Re: Letter of May 14, 1976  
Well No. Lev. Fee #1  
Sec. 23, T. 35S, R. 25E  
San Juan County, Utah

Attn: R. E. Hogan

Mr. Hogan,

This letter is to advise you that the Well Completion or Recompletion Report and Log will be needed in addition to the Sundry Notice; ( form OGCC-1b).

Please refer to Rule C-5, page 30, of the divisions Revised Rules and Regulations, I have enclosed a copy for your convenience.

Thank-you,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER  
RECORDS CLERK

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN DUPLICATE\*  
(See other instructions  
on reverse side)

*Reverse side to fill in*

4

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 P & A

2. NAME OF OPERATOR  
The Polumbus Corporation

3. ADDRESS OF OPERATOR  
Three Park Central, Suite 200  
1515 Arapahoe Street, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

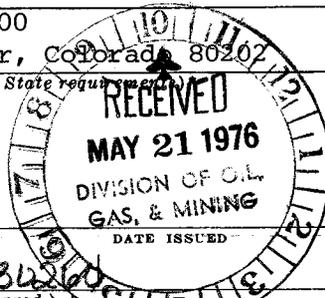
At surface C-NW-NW Sec. 23, T35S, R25E  
660' FNL, 670' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-037-34260

DATE ISSUED \_\_\_\_\_



5. LEASE DESIGNATION AND SERIAL NO. \_\_\_\_\_

6. IF INDIAN, ALLOTTEE OR TRIBE NAME \_\_\_\_\_

7. UNIT AGREEMENT NAME \_\_\_\_\_

8. FARM OR LEASE NAME  
Hart

9. WELL NO.  
#1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
NW NW Sec. 23, T35S, R25E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

15. DATE SPUDED 12/11/75

16. DATE T.D. REACHED 1/6/76

17. DATE COMPL. (Ready to prod.) P & A 1/11/76

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)\* 6721' K.B. (estimated)

19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD 5875'

21. PLUG, BACK T.D., MD & TVD -

22. IF MULTIPLE COMPL., HOW MANY\* -

23. INTERVALS DRILLED BY  
ROTARY TOOLS Rotary CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
N/A

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DILL-GR FDC/CNL-GR

27. WAS WELL CORED \_\_\_\_\_

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD   | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|--------------------|---------------|
| 8-5/8"      | 24#/ft          | 325'           | 12 1/4"   | 250 sacks 3% CaCl. |               |
|             |                 |                |           |                    |               |
|             |                 |                |           |                    |               |

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)  
N/A

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
|                     |                                  |
|                     |                                  |

33.\* PRODUCTION

DATE FIRST PRODUCTION N/A PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) N/A WELL STATUS (Producing or shut-in) N/A

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

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

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

35. LIST OF ATTACHMENTS  
N/A

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

SIGNED [Signature] TITLE Supt., Southern Division DATE 5/20/76

\*(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 38, 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.      | NAME | GEOLOGIC MARKERS |
|-----------|-----|--------|----------------------------------|------|------------------|
|           |     |        | <i>No imp. zones of porosity</i> |      | 38.              |
|           |     |        |                                  |      | GEOLOGIC MARKERS |
|           |     |        |                                  |      | MEAS. DEPTH      |
|           |     |        |                                  |      | TRUE VERT. DEPTH |

# the polumbus corporation

Three Park Central Suite 200  
1515 Arapahoe Street  
Denver, Colorado 80202

K

P

303/825-8193

June 1, 1976

Ms. Kathy Ostler, Records Clerk  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Well No. Hart #1  
Sec. 23, T35S, R25E  
San Juan County, Utah

Dear Ms. Ostler:

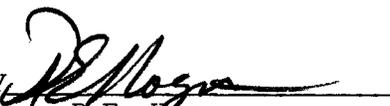
As per your request of May 25, 1976, please find enclosed the completed Form OGC-3, "Well Completion or Recompletion Report and Log" for the above-referenced well.

Please accept our most sincere apologies if the delay in submitting this report has caused any inconvenience.

Yours very truly,

THE POLUMBUS CORPORATION

By

  
R.E. Hogan

REH/jjc  
Enclosures



CALVIN L. RAMPTON  
*Governor*

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

CLEON B. FEIGHT  
*Director*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

OIL, GAS, AND MINING BOARD

GUY N. CARDON  
*Chairman*

CHARLES R. HENDERSON  
ROBERT R. NORMAN  
JAMES P. COWLEY  
HYRUM L. LEE

June 7, 1976

The Polumbus Copp.  
Three Park Central, Suite 200  
1515 Arapahoe Street  
Denver, Colorado 80202

Re: Wele No. Hart Fee #1  
Sec. 23, T. 35S, R. 25E  
San Juan County, Utah

Gentlemen:

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

If electric and or radioactivity logs were not run on said well, please make a statement to this effect in order that our records may be kept accurate and complete.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

KATHY OSTLER  
RECORDS CLERK

*Retirement*  
*shares 1-20-76*  
W05974 /  
BK  
*76 filed*

CERTIFICATE OF MERGER

**FILED**  
STATE OF CONNECTICUT

*20. - filing*  
*Cost* of

THE POLUMBUS CORPORATION  
(a Colorado corporation)

DEC 21 1976

into

W. R. GRACE & CO.  
(a Connecticut corporation)

*W. R. Grace* SECRETARY OF STATE

By *J. L. Blase* Time *12:40* P.M.

1. The name of the surviving corporation in the merger is W. R. Grace & Co., a Connecticut corporation.

2. The Plan of Merger is as set forth in Plan and Agreement of Merger of The Polumbus Corporation, a Colorado corporation (the "Company"), into W. R. Grace & Co. ("Grace") dated September 8, 1976, a true and complete copy of which is attached hereto as Exhibit A and made a part hereof. *not with*

3. The Plan of Merger was adopted by the merging corporations in the following manner:

(a) The Plan of Merger was approved by resolutions adopted by the Board of Directors of each of the merging corporations.

(b) The shareholders of the Company did not vote on the Plan of Merger and such vote was not required by virtue of the provisions of Section 7-7-106 of the Colorado Corporation Code in view of the fact that Grace owns more than ninety percent of the outstanding shares of the only existing class of the Company's stock.

(c) The shareholders of Grace did not vote on the Plan of Merger and such vote was not required by virtue of the provisions of Section 33-366(b)(2) of the Connecticut Stock Corporation Act because the Plan of Merger will not effect any change in or amendment to the certificate of incorporation of Grace, no shares are to be issued under the Plan of Merger, and the consideration to be issued under the Plan of Merger could have been issued by the Board of Directors of Grace without further authorization of the shareholders of Grace. The manner of adoption of the Plan of Merger was the approval thereof, by resolution adopted, pursuant to Section 33-364 of the Connecticut Stock Corporation Act, by the Board of Directors of Grace at a meeting thereof duly called, convened and held on August 7, 1975.

Dated this 20th day of December, 1976.

W. R. GRACE & CO.

By *[Signature]*  
Vice President

By *[Signature]*  
Assistant Secretary



STATE OF NEW YORK )  
 ) : SS  
COUNTY OF NEW YORK)

On this 20th day of December, 1976, personally appeared R. L. Bowditch and George N. McNair and made oath to the truth of the above certificate insofar as it pertains to W. R. Grace & Co., before me.

*Angela T. Di Leo*

Notary Public

ANGELA T. DI LEO  
NOTARY PUBLIC, State of New York  
No. 43-6032550  
Qualified in Richmond County  
Cert. filed in New York County  
Term expires March 30, 1978

THE POLUMBUS CORPORATION

By *R. L. Bowditch*  
Vice President

By *C. E. Jameson*  
Assistant Secretary

STATE OF NEW YORK )  
 ) : SS  
COUNTY OF NEW YORK)

On this 20th day of December, 1976, personally appeared R. L. Bowditch and C. E. Jameson and made oath to the truth of the above certificate insofar as it pertains to The Polumbus Corporation, before me.

*Angela T. Di Leo*

Notary Public

ANGELA T. DI LEO  
NOTARY PUBLIC, State of New York  
No. 43-6032550  
Qualified in Richmond County  
Cert. filed in New York County  
Term expires March 30, 1978

# the polumbus co.

Three Park Central Suite 200  
1515 Arapahoe Street  
Denver, Colorado 80202

303/825-8193

## CIRCULATE TO:

DIRECTOR  P  
PETROLEUM ENGINEER   
MINE COORDINATOR   
ADMINISTRATIVE ASSISTANT  S  
ALL   
RETURN TO Kathy O.  
FOR FILING

June 6, 1977

State of Utah  
Oil & Gas Mining Division  
1588 West, North Temple  
Salt Lake City, Utah 84116

Re: Notice of Merge  
THE POLUMBUS CORPORATION  
Into W. R. Grace & Co.

Gentlemen:

Please find enclosed a certified copy of the Certificate of Merger evidencing the merge of THE POLUMBUS CORPORATION, a Colorado corporation, into W. R. GRACE & CO., a Connecticut corporation. Inasmuch as THE POLUMBUS CORPORATION owns an interest in various oil and gas leases covering State of Utah acreage, we request that you evidence this merge on your records to shown the new owner of said interest being W. R. Grace & Co., Polumbus Co. Division.

Also enclosed for your aid in filing the aforementioned merge is a list of State of Utah Leases.

I trust all of the enclosed information will be sufficient, although, should you require additional information or if I can be of assistance to you, please do not hesitate to call.

Very truly yours,

THE POLUMBUS CO.

BY:

Mona L. Binion  
Mona L. Binion

mlb

Encls.



THE POLUMBUS CORPORATION  
UTAH STATE LEASES.

STATE LEASE NO.

ML-23506  
ML-2780  
ML-2008

POLUMBUS LEASE NO.

0402003  
0403011  
0403013

PLAN AND AGREEMENT OF MERGER

OF

THE POLUMBUS CORPORATION

INTO

W. R. GRACE & CO.

PLAN AND AGREEMENT OF MERGER  
OF  
THE COLUMBUS CORPORATION  
INTO  
W. R. GRACE & CO.

PLAN AND AGREEMENT OF MERGER dated September 8, 1976 (herein called "this Plan") made and entered into by and between The Columbus Corporation, a Colorado corporation having its principal office at Suite 200, Three Park Central, Denver, Colorado (herein called the "Company"), and W. R. Grace & Co., a Connecticut corporation having its principal executive offices at 1114 Avenue of the Americas, New York, New York 10036 (herein called "Grace").

WHEREAS, the laws of the States of Connecticut and Colorado permit the merger of the Company into Grace;

WHEREAS, the Board of Directors of Grace and the Board of Directors of the Company deem it desirable and in the best interests of their respective corporations and shareholders to merge the Company into Grace and have approved this Plan for that purpose;

WHEREAS, Grace owns more than ninety percent of the outstanding shares of the Company's common stock (par value \$0.33 per share), which is the only class of stock of the Company; and

WHEREAS, under the laws of the States of Connecticut and Colorado none of the shareholders of Grace or the Company are entitled to vote on the merger contemplated by this Plan,

NOW THEREFORE, in consideration of the premises and the covenants contained in this Plan, and in order to prescribe the terms and conditions of the merger contemplated by this Plan and the manner of carrying such merger into effect, the parties hereto agree as follows:

1. Terms and Effect of Merger

1.01 The merger shall become effective on the date when the last of the following actions is completed (the "Effective Date"): (a) a Certificate of Merger pursuant to Section 33-367 of the Connecticut Stock Corporation Act is filed with the Secretary of State of Connecticut in accordance with Section 33-285 of the Connecticut Stock Corporation Act, and (b) the Articles of Merger pursuant to Section 7-7-106(3) of the Colorado Corporation Code are filed by the Secretary of State of Colorado in accordance with Section 7-7-106(4) of the Colorado Corporation Code.

1.02 The Company and Grace are the merging corporations as contemplated by the Connecticut Stock Corporation Act and the corporations proposing to merge as contemplated by the Colorado Corporation Act. The Company is the subsidiary corporation and Grace is the corporation owning at least ninety percent of its shares. On the Effective Date and pursuant to the Connecticut Stock Corporation Act and the Colorado Corporation Act:

(a) The Company shall be merged with and into Grace and the separate existence of the Company shall cease.

(b) Grace shall be the surviving corporation, and shall continue for all purposes whatsoever.

(c) The corporate name of the surviving corporation shall be "W. R. Grace & Co."

(d) The laws which are to govern the surviving corporation shall be the laws of the State of Connecticut.

(e) The Certificate of Incorporation of the surviving corporation shall be the Certificate of Incorporation of Grace in effect on the Effective Date which shall remain unchanged and unaffected by the merger until amended as provided by law.

(f) The By-Laws of the surviving corporation shall be the By-Laws of Grace in effect on the Effective Date which shall remain unchanged and unaffected by the merger until amended as provided by law.

(g) The persons who are the directors of Grace on the Effective Date shall continue as directors of the surviving corporation until their respective successors are duly elected and qualified.

(h) The persons who are officers of Grace on the Effective Date shall continue as such officers of the surviving corporation until the Board of Directors of the surviving corporation shall otherwise determine.

(i) The capital stock of each of the merging corporations shall be treated as follows:

(i) all shares of all classes of stock of Grace which on the Effective Date have been issued, whether outstanding or held in the treasury of Grace, shall remain unchanged and shall not be affected by the merger.

(ii) each share of stock of the Company (whether outstanding or held in the treasury of the Company) and all rights in respect thereof shall, by virtue of the merger and without any action on the part of the holder thereof, automatically and forthwith be extinguished and cancelled and cease to exist.

(iii) each holder of capital stock of the Company shall become entitled to receive from Grace, as provided for herein, \$15 in cash in lieu of and in payment for each duly and validly issued and outstanding share of capital stock of the Company held of record by such holder as of the Effective Date except:

- (a) shares held by Grace,
- (b) shares held in the treasury of the Company and
- (c) shares, if any, with respect to which the holders thereof (1) have, pursuant to Title 7, Section 7-108 of the Colorado Corporation Code, made a written demand as provided in such Section and (2) continue with proceedings in accordance with Title 7, Section 7-108 of the Colorado Corporation Code to perfect a demand for the independent valuation of such shares.

1.03 On the Effective Date the merging corporations shall become a single corporation and Grace shall continue to exist as the surviving corporation and shall thereupon and thereafter, to the extent consistent with its Certificate of Incorporation as in effect on the Effective Date, possess all the rights, privileges, powers, immunities and franchises of the merging corporations, and all property, assets, interests, rights and choses in action of or belonging to the merging corporations shall vest in Grace without further act or deed, and Grace shall thenceforth be responsible and liable for all the debts, liabilities, obligations, duties and penalties of the merging corporations, all in the manner and to the full extent provided by the Connecticut Stock Corporation Act and the Colorado Corporation Code.

1.04 Surplus of the merging corporations which was available for the payment of dividends or of other distributions to shareholders immediately prior to such merger shall continue to be so available to Grace for such payments to the same extent as before the merger, except as otherwise required by law.

## 2. Service of Process

2.01 Grace agrees that it may be served with process in the State of Colorado, in any proceeding for the enforcement of any obligation of the Company and in any proceeding for the enforcement of the rights of a dissenting shareholder of the Company against Grace, and hereby irrevocably appoints the Secretary of State of Colorado as its agent to accept service of process in any such proceeding. The address to which the service of process in any such proceeding shall be mailed by the Secretary of State shall be W. R. Grace & Co., 1114 Avenue of the Americas, New York, New York 10036; Attention: Secretary. Grace agrees to promptly pay to the dissenting shareholders of the Company the amount, if any, to which they shall be entitled under the Colorado Corporation Code with respect to the rights of dissenting shareholders.

3. Exchange of Stock Certificates

3.01 At or after the Effective Date, each holder of any outstanding certificate or certificates theretofore representing a share or shares of the capital stock of the Company shall, upon presentation of such certificate or certificates for surrender to Grace or an agent appointed by Grace, be entitled to receive in lieu thereof and in payment therefor the cash payment described in Subclause (iii) of Clause (i) of Section 1.02 of this Plan. Until so surrendered, each outstanding certificate which prior to the merger represented shares of capital stock of the Company shall be deemed, for all corporate purposes, to evidence a right to the cash payment contemplated by this Plan, except that no interest shall be payable on such rights with respect to any cash payments which may be due and owing to the holder of any certificate or certificates previously evidencing capital stock of the Company.

IN WITNESS WHEREOF, the merging corporations have signed this Plan and their respective corporate seals have been hereunto affixed and attested as of the day and year first above written.

ATTEST:

Melvin Robinson  
Secretary

THE POLUMBUS CORPORATION

[Signature]  
By  
President

ATTEST:

[Signature]  
Assistant Secretary

W. R. GRACE & CO.

By [Signature]  
Vice President