

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#: 3649
C#: 153

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

Box 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: B.P. Oil Corporation Bank and Haven Street
Mailing Address: Baltimore, Maryland 21224

TENANT: B.P. Oil corporation, Well #2 Mailing Address: _____

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: P.O. Box 27186
Richmond, VA 23261

WELL LOCATION: County Hanover Approx. 400 ^{feet}/_{miles} North (direction) of _____
St. Rd. 656 and 300 ^{feet}/_{miles} East (direction) of U.S. I-95

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: 8/14/72 DATE COMPLETED: 8/23/72

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 200 feet

WATER LEVEL: Stands 12'6" feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Submersible pump
Drawdown 90 feet
Rate 100 gal. per min.
Duration 24 hrs., _____ min.

HOLE SIZE: 11 inches from 0 to 50 feet
6 inches from 50 to 200 feet
_____ inches from _____ to _____ feet
SCREEN SIZE: _____ inches from _____ to _____ feet

WATER ZONES: from 115 to 120 feet
from _____ to _____ feet
from _____ to _____ feet

_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
CASE SIZE: 6 inches from +2 to 50 feet

WATER: Color Clear Taste _____
Odor _____ Temp. _____ °F

_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town _____ School _____
Industry XXX Other _____

GROUTING: Method Pressure
Material Cement & water Depth 50 feet

WATER ANALYSIS AVAILABLE: Yes xx No _____
DRILL CUTTINGS SAVED: 20
Yes xx No _____

PUMP: Type _____
Capacity _____ gal. per min
Depth of intake _____ feet

(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.)

REMARKS: _____

LOG

FURNISHED BY: Sydnor Hydrodynamics, Inc.

DATE: 8/23/72

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	17	Sand, yellow clay	
17	27	Blue clay	
27	50	Hard gray granite	
50	110	Red and gray granite	
110	115	Streaks of red granite; quartz	
115	120	Soft gray granite	-----WATER ZONE
120	200	Red and gray granite broken	

(Use additional forms if necessary)

W-3647
C-153

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DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: B.P. Oil Corp. Mailing Address: Bank and Haven Street
Baltimore, Maryland 21224

TENANT: _____ Well #2 Mailing Address: _____

DRILLER: SYDNOR HYDRODYNAMICS, INC. Mailing Address: P.O. BOX 27186 RICHMOND, VA.

WELL LOCATION: County HANOVER *Pointexters* Approx. 400 ^{feet}/_{miles} NORTH 23261 (direction) of
Route 656 and 300 ^{feet}/_{miles} East (direction) of I-95

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: 8-14-72 DATE COMPLETED: 8-23-72

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 200 feet

WATER LEVEL: Stands 12'6" feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Submersible pump
Drawdown 90 feet
Rate 100 gal. per min.
Duration 24 hrs., 0 min.

HOLE SIZE: 11 inches from 0 to 50 feet
6 inches from 50 to 200 feet
_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER ZONES: from 110 to 120' feet
from _____ to _____ feet
from _____ to _____ feet

CASE SIZE: 6 inches from +2 to 50 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER: Color Clear Taste _____
Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town _____ School _____
Industry X Other _____

GROUTING: Method Pressure
Material Cement & Water Depth 50 feet

WATER ANALYSIS AVAILABLE: Yes X No _____

PUMP: Type _____
Capacity _____ gal. per min
Depth of intake _____ feet

DRILL CUTTINGS SAVED: Yes X No _____

(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.)

REMARKS: YELLOW TAVERN QUADRANGLE

ELEV. : 134'

Elev ~ 134'

VIRGINIA DIVISION OF MINERAL RESOURCES
 Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

Page 1 of 1

Well Repository No: W#: 3649
 C#: 153

Date rec'd: Date Processed: 12/21/72

Sample Interval: from: to:
 0 200

PROPERTY: B.P. Oil Co. #2

Number of samples: 20

COMPANY: Sydnor Hydrodynamics

Total Depth: 200'

COUNTY: Hanover (Poindexters)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 10	-	-	-
110 - 20	-	-	-
120 - 30	-	-	-
130 - 40	-	-	-
140 - 50	-	-	-
150 - 60	-	-	-
160 - 70	-	-	-
170 - 80	-	-	-
180 - 90	-	-	-
190 - 200	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed & unwashed samples.

OWNER: B.P. Oil Co. Well #2
DRILLER: Sydnor Hydrodynamics
COUNTY: Hanover

W#: 3649
C#: 153
TOTAL DEPTH: 200'
QUAD: Yellow Tavern

GEOLOGIC LOG

Depth
(feet)

- 0 - 10 Sand -- grayish orange; moderate clay; fine to coarse grained, few granules, few pebbles; subangular to subrounded; moderately sorted; quartz; some feldspar; few flakes of muscovite; few opaques.
- 10 - 20 Granite (weathered) -- olive light gray; moderate clay; quartz; white potassic feldspar; 15% biotite; few flakes of muscovite; pyrite.
- 20 - 30 Clay -- yellowish gray; slightly sandy; fine grained; subangular; well sorted; quartz; few flakes of biotite; few black phosphatic fragments; muscovite; few diatoms.
- 30 - 40 Clay -- yellowish gray; some quartz sand; few flakes of biotite; muscovite.
- 40 - 50 Granite (weathered) -- light olive gray; slightly clayey; quartz; white potassic feldspar; 50% biotite; few grains of pyrite.
- 50 - 60 As above plus some pink microcline.
- 60 - 70 Granite (slightly weathered) - medium light gray, moderate orange pink; quartz; white potassic feldspar; 40% biotite; pink microcline.
- 70 - 80 Granite (slightly weathered) -- medium light gray; quartz; white potassic feldspar; 35% biotite; pink microcline; few flakes of muscovite.
- 80 - 90 As above.
- 90 - 100 As above except 25% biotite.
- 100 - 110 Granite (slightly weathered) -- very light gray, moderate orange pink; quartz; white potassic feldspar; pink microcline; 20% biotite; some muscovite.
- 110 - 120 Granite -- dark gray, white; 50% biotite; quartz; white potassic feldspar; pink microcline; few flakes of muscovite; pyrite; plagioclase.
- 120 - 130 Granite -- salt and pepper; quartz; white; potassic feldspar; 40% biotite; pink microcline; few grains of pyrite.
- 130 - 140 As above.
- 140 - 150 As above except 30% biotite.

Depth
(feet)

- 150 - 160 Granite (weathered) -- medium light gray, light olive gray; slightly clayey; quartz; white potassic feldspar; 25% biotite; pink microcline; few flakes of muscovite; pyrite; garnet.
- 160 - 170 As above except moderate clay; no garnet.
- 170 - 180 Granite -- salt and pepper; quartz; white potassic feldspar; 30% biotite; pink microcline; few flakes of muscovite; garnet; pyrite.
- 180 - 190 As above plus few grains of plagioclase.
- 190 - 200 As above except 2% muscovite.

Logged by: Michael T. Currie
Jan. 29, 1979