

Latitude 38° 35'
Longitude 81° 05'
81° 07' 30"

- Fracture Before 6/5/29
- New Location
- Drill Deeper

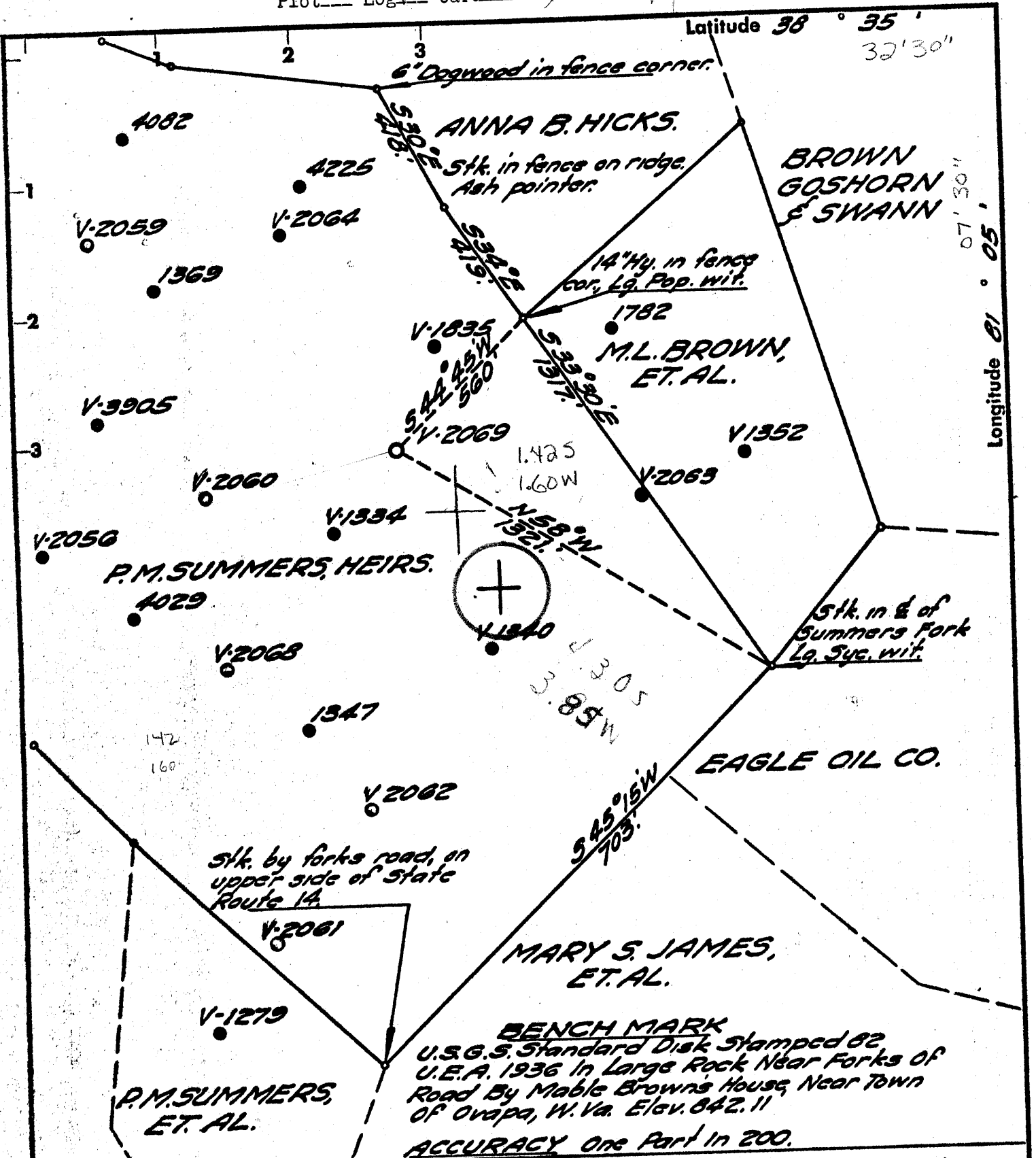
I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by Paragraph 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.
The accuracy of this survey is within the limits and as prescribed in the Oil and Gas Division of the Department of Mines Regu-

G.B.Hefner & Associates, Inc.
P.O. Box 249
Bridgeport, W.Va. 26330-0249
Surface: Genesis Gas Company

Farm P.M. SUMMERS, HEIRS.
 Tract _____ Acres 135 Lease No. 16933
 Well (Farm) No. _____ Serial No. V-2069
 Elevation (Spirit Level) 1016.12
 Quadrangle OTTER
 County CLAY District HENRY
 Engineer Adrian E. Hefner
 Engineer's Registration No. 2330
 File No. 86-71 Drawing No. _____
 Date 6-4-69 Scale 1" = 400'

DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506

WELL LOCATION MAP I
 ADRIAN E. HEFNER, P.
 Col. Gas Truss drilled in
 1985. TD. 1655 - Salt
 water injection well.
 No Production FEB 27 1988



BENCH MARK
 U.S.G.S. Standard Disk Stamped 82
 U.E.A. 1936 In Large Rock Near Forks of
 Road By Mable Browns House, Near Town
 of Orapa, W. Va. Elev. 842.11
ACCURACY One Part in 200.

- Fracture Before 6/5/29
- New Location
- Drill Deeper
- Redrill
- Abandonment

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by Paragraph 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.
 The accuracy of this survey is within the limits and as prescribed in Paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

Company THE PRESTON OIL CO.
 Address P.O. BOX 2319 COLUMBUS OHIO 43216
 Farm P.M. SUMMERS, HRS.
 Tract _____ Acres 135 Lease No. 16953
 Well (Farm) No. _____ Serial No. V-2069
 Elevation (Spirit Level) 096 1016.12 512
 Quadrangle OTTER SC Newton
 County CLAY District HENRY 2
 Engineer Adrian E. Hochman
 Engineer's Registration No. 2390
 File No. 86-71 Drawing No. _____
 Date 6-4-69 Scale 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. CLAY-899

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION /

Rotary
Spudder
Cable Tools
Storage
Oil or Gas Well **Water Supply**
(KIND)

Quadrangle Otter

Permit No. CIA-899

WELL RECORD

Company The Preston Oil Company
Address Charleston, W. Va.
Farm P. M. Summers Hrs. Acres 135
Location (waters) Summers Fork
Well No. V-2069 Elev. 1016.12'
District Henry County Clay
The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by _____
Address _____

Drilling commenced April 11, 1970

Drilling completed May 1, 1970

Date Shot _____ From _____ To _____

With _____

Open Flow /10ths Water in _____ Inch

/10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.

Oil/Water Supply Well in Water Flood bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS) _____

WELL FRACTURED (DETAILS) _____

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____

ROCK PRESSURE AFTER TREATMENT _____ HOURS

Fresh Water _____ Feet Salt Water _____ Feet

Producing Sand _____ Depth _____

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|--------------------------|------------------|--------------|---------------------------|
| Size | | | |
| 16 | | | Kind of Packer _____ |
| 13 | | | Float Shoe _____ |
| 10 | | | Size of _____ |
| 8 8-5/8" | 23.95' | 23.95' | Depth set _____ |
| 7 7" | 705.95' | 705.95' | Perf. top <u>1120'</u> |
| 5 3/16 5 1/2" | 1650.35' | 1650.35' | Perf. bottom <u>1160'</u> |
| 4 1/2" | | | Perf. top _____ |
| 3 1/2 3 1/2" | 1647.07' | 1647.07' | Perf. bottom _____ |
| 2 | | | |
| Liners Used | | | |

Attach copy of cementing record. 705 4-17-70
CASING CEMENTED 7 8 1/2" SIZE 1651 No. Ft. 5-02-70 Date
Amount of cement used (bags) 70 and 35 Bags
Name of Service Co. Halliburton Company
COAL WAS ENCOUNTERED AT 59 1/4 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth | Remarks |
|----------------|-------|--------------|-----|--------|-------------------|-------|----------------|
| Red Rock | | | 0' | 50' | | | |
| Slate | | | 50 | 100 | | | |
| Lime | | | 100 | 135 | | | |
| Sand | | | 135 | 204 | | | |
| Sand | | | 204 | 260 | | | |
| Slate | | | 260 | 322 | Water | 194' | 10 Bailers per |
| Sand | | | 322 | 367 | | | |
| Sand | | | 367 | 480 | | | |
| Slate | | | 480 | 490 | | | |
| Sand | | | 490 | 508 | | | |
| Sand | | | 508 | 525 | | | |
| Slate | | | 525 | 550 | | | |
| Sand | | | 550 | 577 | | | |
| Slate | | | 577 | 594 | | | |
| Coal | | | 594 | 599 | | | |
| Slate | | | 599 | 623 | | | |
| Sand | | | 623 | 633 | | | |
| Sand | | | 633 | 658 | | | |
| Slate | | | 658 | 676 | | | |
| Sand | | | 676 | 692 | | | |
| Slate | | | 692 | 705 | | | |
| Sand | | | 705 | 715 | | | |
| Slate & Shells | | | 715 | 760 | | | |
| Sand | | | 760 | 800 | | | |
| Slate & Shells | | | 800 | 850 | | | |
| Sand | | | 850 | 887 | | | |
| Slate & Shells | | | 887 | 960 | | | |
| Sand | | | 960 | 968 | | | |
| Sand | | | 968 | 980 | | | |

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JUN 8 1970
OIL & GAS DIVISION
DEPT. OF MINES

| Formation | Color | Hard or Soft | Top (| Bottom | Oil, Gas or Water | Depth Found | Remarks |
|----------------|-------|--------------|-------|-----------|-------------------|-------------|-----------|
| Slate & Shells | | | 980' | 1015' | | | |
| Sand | | | 1015 | 1025 | | | |
| Slate & Shells | | | 1025 | 1059 | | | |
| Sand | | | 1059 | 1098 | | | |
| Sand | | | 1098 | 1115 | | | |
| Slate & Shells | | | 1115 | 1157 | | | |
| Sand | | | 1157 | 1198 | | | |
| Slate & Shells | | | 1198 | 1209 | | | |
| Slate & Shells | | | 1209 | 1225 | | | |
| Sand Salt | | | 1225 | 1349 | Water | 1245' | Hole Full |
| Sand Salt | | | 1349 | 1410 | | | |
| Sand Salt | | | 1410 | 1483 | | | |
| Sand Salt | | | 1483 | 1564 | | | |
| Sand Salt | | | 1564 | 1622 | | | |
| Slate | | | 1622 | 1624 | | | |
| Slate | | | 1624 | 1644 | | | |
| Red Rock | | | 1644 | 1654 | | | |
| TOTAL DEPTH | | | | 1654 1/2' | | | |

Mauch Chunk

Date June 11, 1970

APPROVED THE PROCTION OIL COMPANY, Owner
 By *[Signature]* Div. Supt.
 (Title)

WR-35

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NOV 23 1987



State of West Virginia

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

DEPARTMENT OF ENERGY
Oil and Gas Division

Date 11-13-87
Operator's
Well No. 2069
Farm P.M. Summers
API No. 47 - 015 - 0899

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal X /
(If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1016.12 Watershed Summers Fork
District: Henry County Clay Quadrangle

COMPANY Columbia Gas Trans.
ADDRESS Charleston
DESIGNATED AGENT J. E. Campbell
ADDRESS P.O. Box 1273, Charleston, WV
SURFACE OWNER Col. Gas. Trans.
ADDRESS Charleston, WV
MINERAL RIGHTS OWNER P.M. Summers
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK Craig Duckworth ADDRESS Charleston
PERMIT ISSUED UIC2D0150899
DRILLING COMMENCED 5-6-85
DRILLING COMPLETED 5-10-85
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

| Casing & Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. |
|------------------|------------------|--------------|------------------------|
| Size 20-16 Cond. | | | |
| 13-10" | | | |
| 9 5/8 | | | |
| 8 5/8 | 24 | 24 | |
| 7 | 705 | 705 | 210 Cu. ft. |
| 5 1/2 | 1650 | 1650 | 938 |
| 4 1/2 | | | |
| 3 | 1647 | 1227 | |
| 2 | | | |
| Liners used | | | |

GEOLOGICAL TARGET FORMATION Salt Sand Depth 1655 feet
Depth of completed well 1655 feet Rotary / Cable Tools X
Water strata depth: Fresh feet; Salt 1250-1620 feet
Coal seam depths: N/A Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Salt Sand Pay zone depth 1225 - 1622 feet
Gas: Initial open flow N/A Mcf/d Oil: Initial open flow N/A Bbl/d
Final open flow N/A Mcf/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests N/A hours
Static rock pressure psig (surface measurement) after hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

NOV 30 1987

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Converted from a salt water supply well to a Brine Disposal well this required pulling 3" tubing (1646') 3x12 down hole pump and rods. We then ran 1227' of 3" tubing back in well set on a Gibberson UNI II packer set in tension, tubing was then tested @ 2000# for 30 minutes well put into injection.

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | FEET | FEET | REMARKS |
|------------------|-------|--------------|------|------|--|
| RED ROCK | | | 0 | 50 | Set 1 joint OF 8-5/8 casing 20' -55" and 1 sub of 8-5/8 casing 3'-40" long for surface |
| SLATE | | | 50 | 100 | |
| LIME | | | 100 | 135 | 10 bailers of water per hour @ 194.1 |
| SAND | | | 135 | 204 | |
| SAND | | | 204 | 260 | Ran 35 joints of 7" casing total of 705 feet. Cemented with 70 bags of cement by Halliburton |
| SLATE | | | 260 | 322 | |
| SAND | | | 322 | 367 | |
| SAND | | | 367 | 480 | |
| SLATE | | | 480 | 490 | |
| SAND | | | 490 | 508 | |
| SAND | | | 508 | 525 | |
| SLATE | | | 525 | 550 | |
| SAND | | | 550 | 577 | |
| SLATE | | | 577 | 594 | |
| COAL | | | 594 | 599 | |
| SLATE | | | 599 | 623 | |
| SAND | | | 623 | 633 | |
| SAND | | | 633 | 658 | |
| SLATE | | | 658 | 676 | |
| SAND | | | 676 | 692 | |
| SLATE | | | 692 | 705 | |
| SAND | | | 705 | 715 | |
| SLATE & SHELLS | | | 715 | 760 | |
| SAND | | | 760 | 800 | |
| SLATE & SHELLS | | | 800 | 850 | |
| SAND | | | 850 | 887 | |
| SLATE & SHELLS | | | 887 | 960 | |
| SAND | | | 960 | 968 | |
| SAND | | | 968 | 980 | |
| SLATE AND SHELLS | | | 980 | 1015 | |
| SAND | | | 1015 | 1025 | |
| SLATE AND SHELLS | | | 1025 | 1059 | |
| SAND | | | 1059 | 1098 | |
| SAND | | | 1098 | 1115 | |
| SLATE & SHELLS | | | 1115 | 1157 | |
| SAND | | | 1157 | 1198 | |
| SLATE AND SHELLS | | | 1198 | 1209 | |
| SLATE AND SHELLS | | | 1209 | 1225 | |
| SAND SALT | | | 1225 | 1349 | |
| SAND SALT | | | 1349 | 1410 | |

(Attach separate sheets as necessary)

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 DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

Columbia Gas Transmission

Well Operator

By: Don Arnett

Date: 1-13-87

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including minerals, encountered in the drilling of a well."
 5330

WR-38
24-Feb-98

API # 47- 15-00899-P

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: GENESIS GAS COMPANY Operator Well No.: SUMMERS #2069

LOCATION: Elevation: 1,016.12 Quadrangle: NEWTON
District: HENRY County: CLAY
Latitude: 7700 Feet South of 38 Deg. 32 Min. 30 Sec.
Longitude 8300 Feet West of 81 Deg. 7 Min. 30 Sec.

Well Type: OIL _____ GAS _____ DISPOSAL XX

Company: G B HEFNER & ASSOC DBA
GENESIS GAS
P OBOX 249
BRIDGEPORT WV 26330

Coal Operator
or Owner NOV 19 1998

Agent: G B HEFNER

Coal Operator
or Owner

Permit Issued: 02/27/98

RECEIVED
Office of Oil & Gas
Permitting

NOV 19 1998

WV Division of
Environmental Protection

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of CLAY ss:

CHRIS RAINES and DAVID WHITE being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and RICK CAMPBELL Oil and Gas Inspector representing the Director, say that said work was commenced on the 9th day of September, 1998, and that the well was plugged and filled in the following manner:

| TYPE | FROM | TO | PIPE REMOVED | LEFT |
|---|------|---------------|--------------|------|
| Cement | 1554 | 1425 (tagged) | | |
| Cement | 1266 | 1166 | 3 1/2 | 1227 |
| Cement | 785 | 685 | 5 1/2 | 0 |
| Cement | 50 | surface | 7 | 0 |
| | | | 8 5/8 | 0 |
| Note: 5 1/2, 7, 8 5/8 cemented to surface | | | | |
| 6% gel placed between each cement plug | | | | |

Description of monument: 1 joint 7" csg extending 30" above surface
and that the work of plugging and filling said well was completed on
the 29th day of October, 1998.

And further deponents saith not.

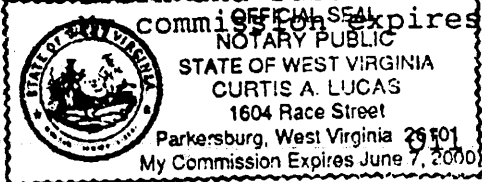
Chris Raines

David White

Curtis A. Lucas
Notary Public

Sworn and subscribed before me this 29th day of October, 1998

My Commission Expires: June 7, 2000



and Gas Inspector: _____

DEC 20 1998

CLAY 02899-P