

39° 40' 00"

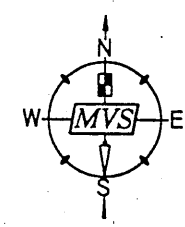
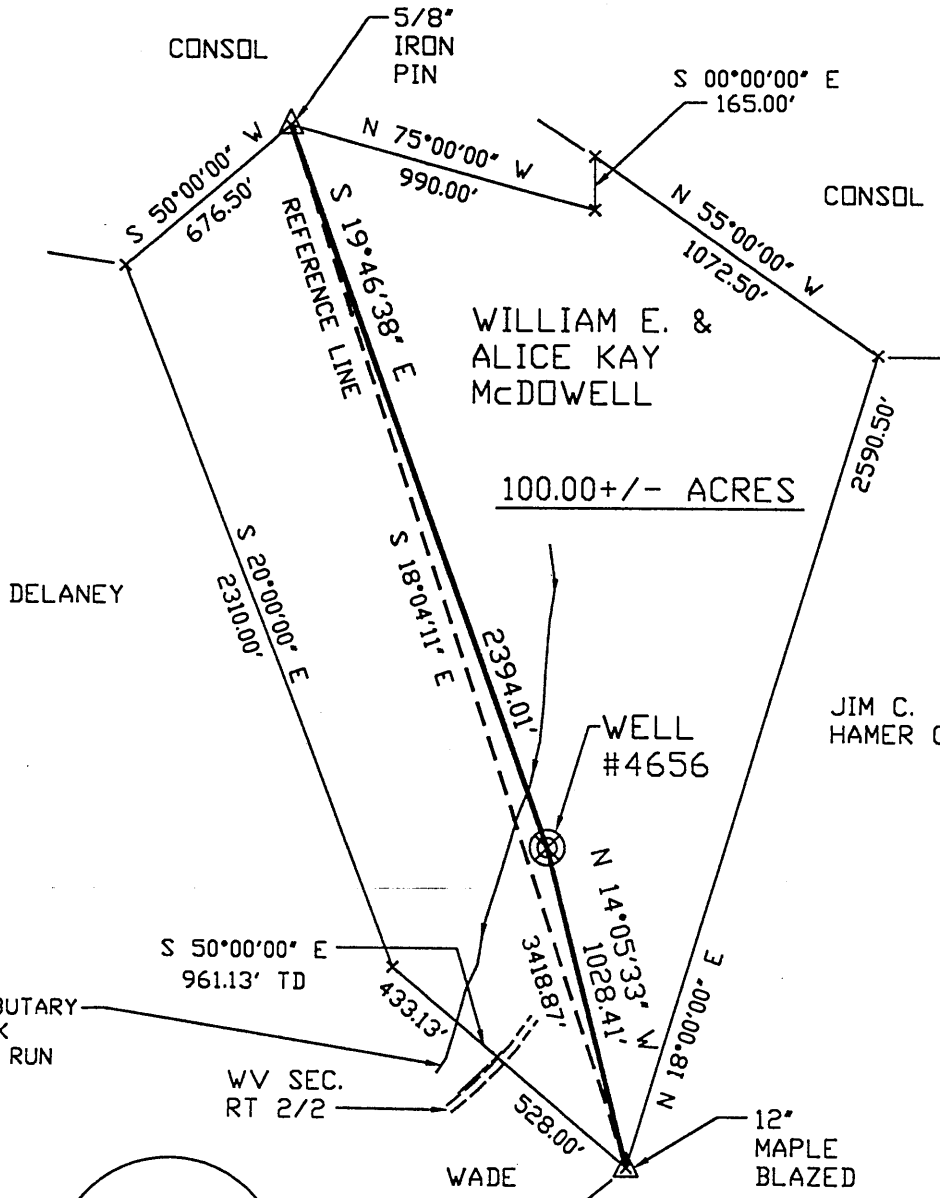
LATITUDE

1680'

30' 22' 08"

14410'

LONGITUDE



2735
0.32 W

calc 15 loc
2.735 2,54 W

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

P.S. 806 *Robert A. Andriotto*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE DECEMBER 30, 19 98 *WVA:049*
 OPERATORS WELL NO. 4656 *248*
 API WELL NO. 47-49-01120P
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. PERM4656.DWG
 SCALE 1"=600'
 PROVEN SOURCE OF ELEVATION COMPANY NETWORK TIED INTO U.S.G.S.

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



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL *GAS* PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1196.13' WATERSHED LEFT FORK OF CAMPBELL RUN
 DISTRICT MANNINGTON COUNTY MARION QUADRANGLE HUNDRED, WV-PA 7.5'

SURFACE OWNER WILLIAM E. & ALICE KAY McDOWELL ACREAGE 100.00±
 ROYALTY OWNER _____ LEASE ACREAGE _____

PROPOSED WORK: LEASE NO. _____
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD

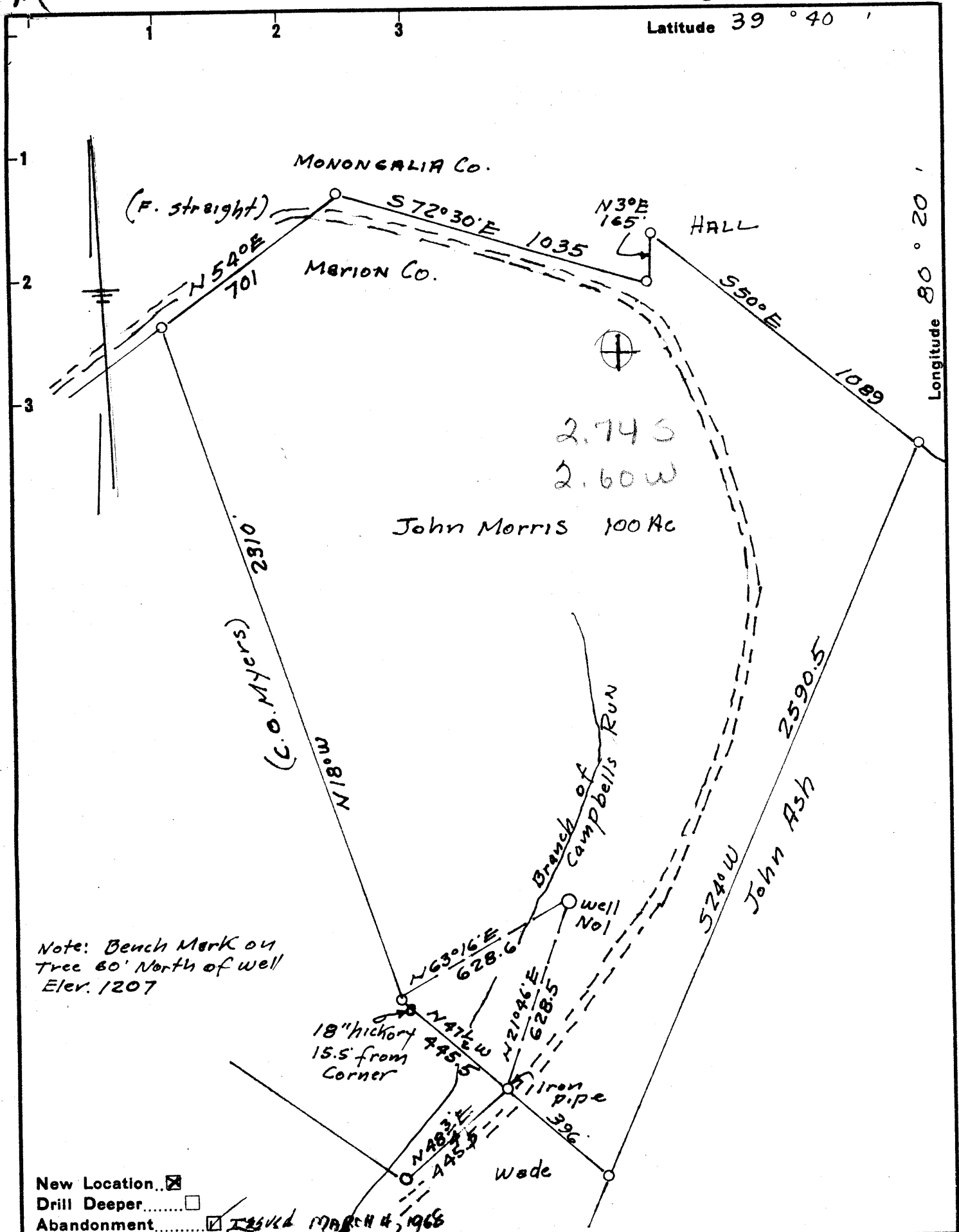
FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION NONE

ESTIMATED DEPTH JAN 25 1999

WELL OPERATOR CONSOLIDATION COAL CO. DESIGNATED AGENT ROGER E. DUCKWORTH
 ADDRESS P.O. BOX 100 OSAGE, WV 26543 ADDRESS P.O. BOX 100 OSAGE, WV 26543

COUNTY NAME MAR 1120 P

Latitude 39 ° 40 ' 1



Note: Bench Mark on Tree 60' North of well Elev. 1207

New Location..
 Drill Deeper.....
 Abandonment..... TRUCK MARCH 4, 1968

Company QUAKER STATE OIL & REFG. CORP.
 Address Box 1327, PARKERSBURG, W. Va.
 Farm John Morris
 Tract _____ Acres 100 Lease No. _____
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 1199.9
 Quadrangle MANNINGTON
 County MARION District Mannington
 Engineer J. F. Johnston
 Engineer's Registration No. 2492
 File No. _____ Drawing No. _____
 Date Aug 28, 1962 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. MAR-248-P
now 049 1120

+ 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 DIVISION 10

Quadrangle Mannington

Permit No. Marion - 248 ^{now} → 1120

WELL RECORD

Oil or Gas Well Gas

Company Quaker State Oil Refining Corp.
Address Box 1327, Parkersburg, W.Va.
Farm John Morris Acres 100
Location (waters) Campbells Run
Well No. One Elev. 1199.9
District Mannington County Marion
The surface of tract is owned in fee by John Morris
Address Mannington, W.Va.
Mineral rights are owned by Dewey E. Henderson, etal
Address Mannington, W.Va.
Drilling commenced October 20, 1962
Drilling completed March 25, 1963
Date Shot 4-2-63 From 3400 To 3470
With 200 qts.
Open Flow 60 /10ths Water in 1 1/4 Orifice Inch
/10ths Merc. in _____ Inch
Volume 87,700 Cu. Ft.
Rock Pressure 860# lbs. 72 hrs.
Oil Show _____ bbls., 1st 24 hrs.
WELL ACIDIZED No
WELL FRACTURED No

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>Parmaco - Anchor</u>
13			Size of <u>2" x 5"</u>
10	<u>293</u>	<u>293</u>	Depth set <u>3284</u>
8 3/4	<u>1555</u>	<u>1555</u>	Perf. top <u>3401</u>
6 3/4	<u>2262</u>	<u>2262</u>	Perf. bottom <u>3454</u>
5 3/16	<u>2490</u>	<u>2490</u>	Perf. top _____
3			Perf. bottom _____
2	<u>3454</u>	<u>3454</u>	
Liners Used			

CASING CEMENTED None SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 1026' FEET 1032' INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT

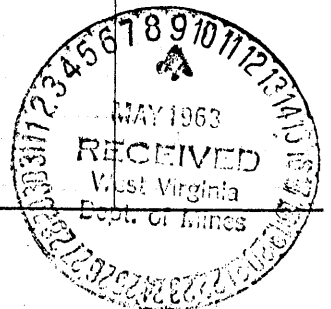
ROCK PRESSURE AFTER TREATMENT

Fresh Water _____ Feet Salt Water 1616', 1818', 2407', 2426', 2457', 2487'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	16			
Grey Shale			16	149			
Red Rock			149	161			
Grey Shale			161	275			
Red Rock			275	397			
Grey Shale			397	598			
Lime			598	610			
Dark Shale			610	695			
Grey Sand			695	715			
Lime & Shells			715	850			
Hard Lime			850	985			
Dark Shale			985	1026			
Pittsburgh Coal			1026	1032			
Grey Lime			1032	1091			
Red Rock			1091	1420			
Hard Lime			1420	1435			
Dark Shale			1435	1549			
Dunkard Sand			1549	1552			
Sand			1552	1650			
Grey Shale			1650	1711			
Grey Soft Sand			1711	1786			
Black Shale			1786	1818			
Salt Sand			1818	1831			
Dark Shale			1831	1860			
2nd Salt Sand			1860	1896			
Grey Shale			1896	1994			
3rd Salt Sand			1994	2002			
Grey Shale			2002	2115			
Lime & Shells			2115	2237			
Little Lime			2237	2248			

8" Csg. 1554'
Water 1616'

Water 1818 - 1825



Formation	Color	Hard or Soft	Top 10	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pencil Cave			2250	2252			
Big Lime			2252	2325	7" Csg.	2254'	
Big Injun			2325	2491	Water	2407' 2426'	2457'
Lime & Shells			2491	2590			
Hard Sand			2590	2607	Oil & Gas	2590' to	2594'
Gritty Lime			2607	2801			
4th Sand, Hard			2801	2809			
Sand & Shells			2809	2938			
Sand			2938	2989	Oil	2943'	
Shale and Pink Rock			2989	3035			
Sand & Shale			3035	3047			
Sand			3047	3073	Oil and Gas	3050' -	3053'
Sand & Shells			3037	3180			
Gordon Sand			3180	3210			
Sand & Shale			3210	3418	Gas	3410' to	3413'
Grey Shale			3418	3559			
Sand & Shale			3559	3671			
Total Depth			3671	Plugged back to 3454'			

2252
2252
2252

Date May 8, 1963, 19

APPROVED Quaker State Oil Refining Corp., Owner

By Walter H. Hays
(Title)

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE 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.

CONSOLIDATION COAL COMPANY
Coal Operator or Owner
P. O. BOX 100, OSAGE, WV 26542
Address
CONSOLIDATION COAL COMPANY
Coal Operator or Owner
P. O. BOX 100, OSAGE, WV 26543
Address
WILLIAM E. & ALICE KAY MCDOWELL
Lease or Property Owner
950 CORSICA DRIVE, HUBER HTS., OHIO 45424
Address

CONSOLIDATION COAL COMPANY
Name of Well Operator
P. O. BOX 100, OSAGE, WV 26543
Complete Address
4-25-99 19
WELL LOCATION
MANNINGTON
District
MARION
County
#4656
WELL NO.
WILLIAM E. & ALICE KAY MCDOWELL
FARM

STATE INSPECTOR SUPERVISING PLUGGING

Stephan C. Moats

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of UPSHUR

SS:

STEPHAN MOATS

and

DONALD L. HATFIELD

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 CONSOLIDATION COAL COMPANY well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 12TH day of March 1999 and that the well was plugged in the following manner:

Sand or Zone Record	Filling Material	Plugs Used	Casing Pulled	Casing Left In
Formation		Size & Kind		
CLEANED 6 1/4" HOLE FROM SURFACE TO 1,810'. THERE WAS 57' OF 8 5/8" CASING LEFT IN HOLE FROM 1,508' TO 1,565'. LEFT 18' OF 7" CASING IN HOLE AT SURFACE CEMENTED INSIDE OF 22' OF 16" CONDUCTOR. CLEANED 6 1/4" HOLE THRU PITTSBURGH COAL FROM 1,036' TO 1,042'. 8 5/8" 0 57'				
POSSIBLE JUNK THRU PITTSBURGH COAL. CEMENTED HOLE SOLID USING 908 SACKS OF POZ MIX AND 131 SACKS OF THIXATROPIC CEMENT AS FOLLOWS: SENT CEMENT PLUG FROM 1,810' TO 1,242' WITH POZ MIX. SENT CEMENT PLUG FROM 1,242' TO 936' WITH 131 SACKS OF THIXATROPIC CEMENT THRU PITTSBURGH COAL. SENT CEMENT PLUG FROM 936' TO SURFACE WITH POZ MIX. CEMENT DID CIRCULATE. USED 1000 GALLONS OF MUD FLUSH.				
TOTAL SOLID CEMENT PLUG: 1,810 FT.				
Coal Seams		Description of Monument		
(Name) PITTSBURGH	1'036' TO 1,042'	8' OF 7" CASING WITH PLAQUE STATING: CONSOLIDATION COAL COMPANY WELL #4656 PERMIT #47-49-01120-P		

and that the work of plugging and filling said well was completed on the 25TH day of 3-99

And further deponents saith not.

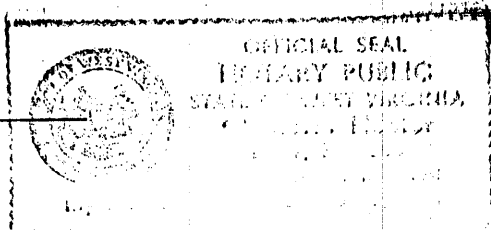
Stephan C. Moats
Donald L. Hatfield

Sworn to and subscribed before me this 25TH day of

April 1999

Charlotte Heater
Notary Public

My commission expires:
6-29-99



Permit No.
47-49-01120-P

SEP 20 2002

MAR 11 20 - P