

MRS. W. E. WALKER

**CERTIFICATE**

"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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Minimum degree of accuracy is one part in 200

Signed [Signature] R.P.E. No. 2024

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

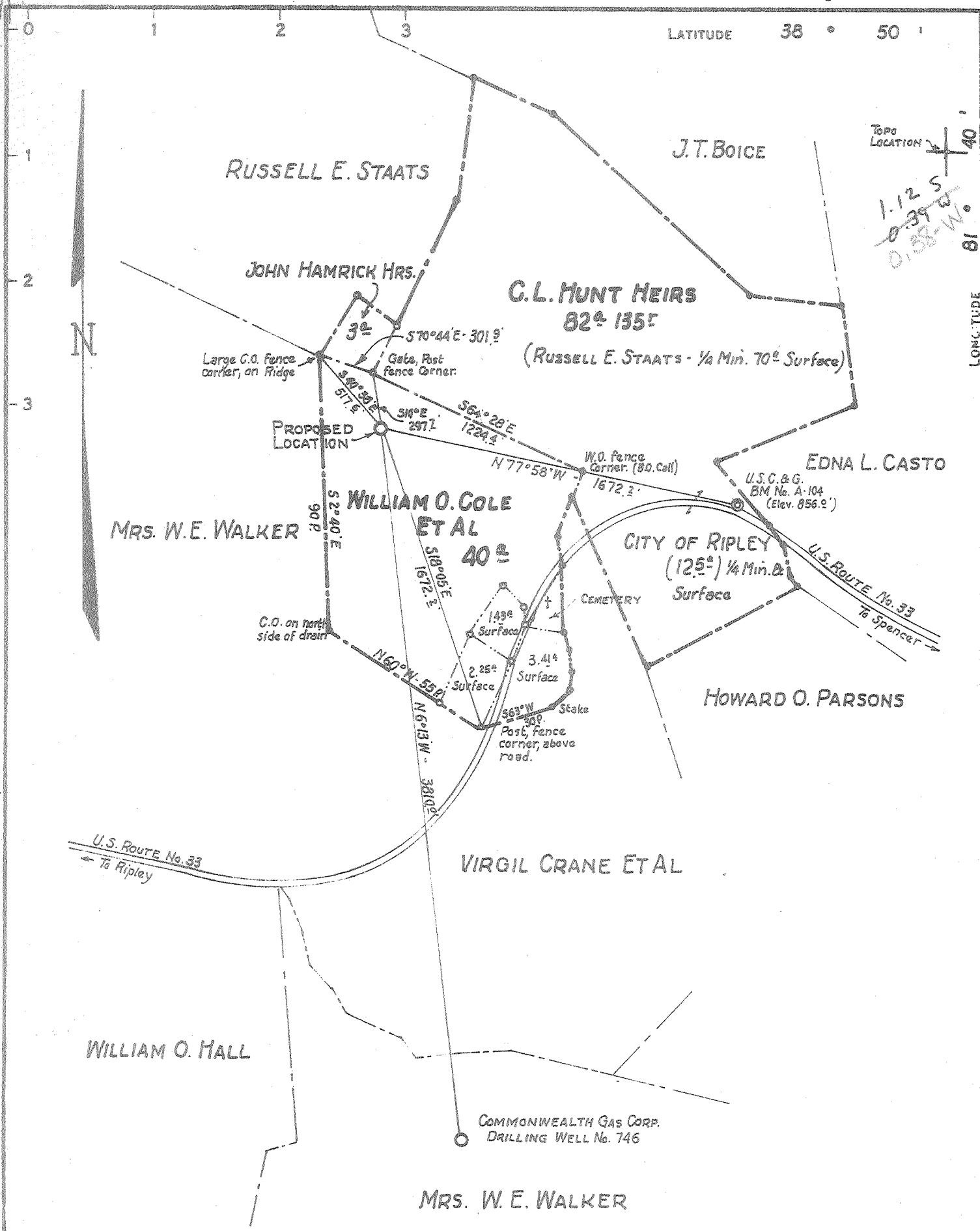
Permit Issue 2/19/67 (W.S.G.-N.B.No.95 Pa.55)

COMPANY	COMMONWEALTH GAS CORPORATION		
ADDRESS	P.O. BOX 1433 CHARLESTON, W.VA. 25325		
FARM	WILLIAM O. COLE ET AL		
MAP	OV 25	ACRES 125 - 135±	LEASE NO 2207
WELL (FARM) NO.	1	SERIAL NO	749
ELEVATION (SPIRIT LEVEL)	805.8'		
QUADRANGLE	RIPLEY S.W.		
COUNTY	JACKSON	DISTRICT	RIPLEY
POINT OF PROVEN ELEVATION	U.S.C. & G. BM No. A-104 (See Above)		
FILE NO	DRAWING NO		
DATE	JUNE 21, 1966		
	SCALE 1" = 660'		

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
 WELL LOCATION MAP  
 FILE NO 1124-P

+ 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

*Reepwell*



- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

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Minimum degree of accuracy is one part in 200

(W.S.G.-N.B. No. 95 Pa. 55)

Signed Refinery R.P.E. No. 2024

COMPANY	COMMONWEALTH GAS CORPORATION		
ADDRESS	P.O. BOX 1433 CHARLESTON, W. VA. 25325		
FARM	WILLIAM O. COLE ET AL		
MAP	OV 25	ACRES	125 - 135 rods
LEASE NO.	2207		
WELL (FARM) NO.	1	SERIAL NO.	749
ELEVATION (SPIRIT LEVEL)	805.8'		
QUADRANGLE	RIPLEY S.W.		
COUNTY	JACKSON	DISTRICT	RIPLEY
POINT OF PROVEN ELEVATION	U.S.C. & G. BM No. A-104 (See Above)		
FILE NO.	DRAWING NO.		
DATE	JUNE 21, 1966		
SCALE	1" = 660'		

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. <u>1124</u>
+ 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.

6-0 311

Deep Well (Oriskany)  
Drilled to Neighboring P3 to Oriskany



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Ripley S.W.  
Permit No. JAC. 1124

WELL RECORD

Oil or Gas Well Dry  
(KIND)

Company Commonwealth Gas Corporation  
Address P. O. Box 1433, Charleston, W. Va. 25325  
Farm William O. Cole, et al Acres 125  
Location (waters) Sycamore Creek  
Well No. 749 Elev. 805.8  
District Ripley County Jackson  
The surface of tract is owned in fee by William O. Cole  
Address Ripley, W. Va.  
Mineral rights are owned by Same & Others  
Address \_\_\_\_\_  
Drilling commenced July 10, 1966  
Drilling completed November 20, 1966  
Date Shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	14'	14'	
13	670'	670'	
10			Size of
8 1/4	2191'	2191'	
<del>7 1/2</del>	4972'	4972'	Depth set
5 3/16			
4 1/2	5119' 5"	4119' 5"	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
4 1/2" Casing Cemented  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

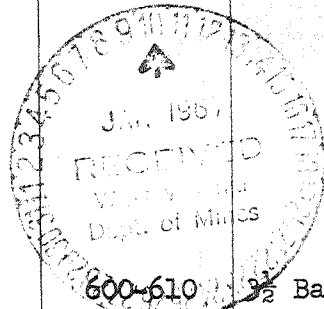
WELL FRACTURED Oriskany Sand fractured December 3, 1966, 5066' to 5074' with 25,650 gals. water and 29,000 lbs. sand.

RESULT AFTER TREATMENT No results.

ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_

Fresh Water 320-340, 600-610 Feet 620-625, 720-735 Salt Water 1785' Feet 1838

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Mud			0	20			
Blue Mud			20	40			
Red Rock			40	100			
Slate			100	125			
Blue Sand			125	130			
Red Rock			130	140			
Blue Slate			140	155			
Red Rock			155	220			
Blue Slate			220	260			
Red Rock			260	295			
Broken Sand			295	340	Water	320-340	1 1/2 Bailers per hour
Blue Slate			340	354			
Sand			354	368			
Red Mud			368	385			
Sand			385	397			
Red Rock			397	417			
Slate			417	435			
Red Rock			435	460			
Shale			460	500			
Red Rock			500	520			
Sand			520	540			
Blue Slate			540	550			
Sand - 1 1/2 P.S.			550	610	Water	600-610	3 1/2 Bailers per hour
Black Slate			610	620	Water	620-625	Hole Full.
Blue Slate			620	684			
Red Rock			684	690			
Blue Slate			690	700			
Sand			700	794	Water	720-735	1 1/2 Bailers per hour



(over)

Deep Well (Newburg)

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			794	808			
Sand			808	830			
Slate			830	848			
Red Rock			848	890			
Sand			890	900			
Blue Slate			900	994			
Red Mud			994	1015			
Blue Slate			1015	1035			
Sand			1035	1043			
Slate			1043	1126			
White Slate			1126	1168			
Sand - <i>Contains a few Buckard?</i>			1168	1228	Oil	1195	Show
Blue Slate			1228	1240			
Sand			1240	1282			
Blue Slate			1282	1328			
Broken Sand			1328	1337			
Slate & Shells			1337	1350			
Black Slate			1350	1365			
Sand			1365	1385			
Slate			1385	1400			
Sand			1400	1420			
Slate			1420	1445			
Sand			1445	1460			
Slate			1460	1510			
Sand			1510	1550			
Blue Slate			1550	1700			
✓ Salt Sand			1700	1793	Water	1785	Hole full
Lime			1793	1815			
Maxton Sand			1815	1893	Water Sand	1838	
Big Lime			1893	1943			
Slate			1943	1987			
✓ Keener Sand			1987	1997			
Slate & Shale			1997	2000			
Injun Sand			2000	2055			
Slate & Shells			2055	2165			
✓ Weir Sand			2165	2179	Oil	2165	Show
Slate & Shells			2179	2215			
Blue Slate			2215	2450			
✓ Brown Shale			2450	2465			
✓ Berea Sand			2465	2468	Gas	2467	Show
Slate & Shells			2468	3650			
White Slate			3650	3700			
✓ Brown Shale - 441			3700	3750			
White Slate			3750	3965			
Brown Shale			3965	4070			
White Slate			4070	4120			
Brown Shale			4120	4260	Gas	4190-4200	7/10 W-1"
White Slate			4260	4645			
Brown Shale			4645	4758	Gas	4744-4758	7/10 W-1"
White Slate			4758	4795			
Brown Shale			4795	4938			
✓ Corniferous Lime - 463			4938	5042	Gas	4940	S.L.M.
✓ Oriskany Sand			5042	5091	Water Sand	4962-4968	5/10 W-1"
✓ Corniferous Lime - <i>Hulderberg &amp; Salina</i>			5091	5855		5050-5060	5 gals. water in 24 hrs. i Oriskany
✓ Newburg Sand			5855	5879			
✓ Lime Chert - <i>McKenzie</i>			5879	5893			
				545			

Date January 5, 19 67.

APPROVED COMMONWEALTH GAS CORPORATION, Owner

By W. S. Gravely, Land & Eng. Dept.  
(Title)

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT, 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.

William O. Cole, Ripley, W. Va. Commonwealth Gas Corporation  
COAL OPERATOR OR OWNER NAME OF WELL OPERATOR  
Cora A. Crane, Ripley, W. Va. P. O. Box 1133, Charleston, W. Va. 25325  
COAL OPERATOR OR OWNER COMPLETE ADDRESS  
Dr. E. D. Staats, 701 Brazzleton Dr., Charleston, W. Va.  
Carl A. Urban, % Charleston National Bank, Charleston, W. Va. May 12 19 67  
COAL OPERATOR OR OWNER WELL AND LOCATION  
Oval J. Hatcher, Ripley, W. Va. Ripley District  
James L. Duncan, Ripley, W. Va.  
Frances Williams, 318 Third Ave., Ripley, W. Va. Jackson County  
LEASE OR PROPERTY OWNER  
Virgil Crane, 1703-B Quarrier St., Charleston, W. Va. Well No. 749  
ADDRESS  
Glen L. Cole, Ripley, W. Va. William O. Cole, et al Farm

STATE INSPECTOR SUPERVISING PLUGGING Mr. Ernest Lusher

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Jackson

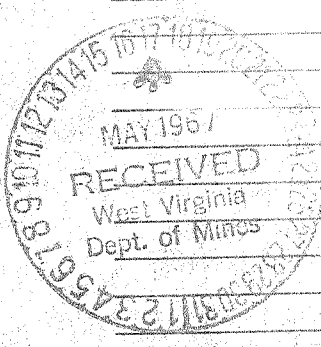
ss:

Joe Laughlin and Ray Painter

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 Commonwealth Gas Corporation, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 17th day of February, 19 67, and that the well was plugged and filled in the following manner:

BAND OR ZONE RECORD	FILLING MATERIAL	PLUGS USED	CASING	
			CSG PULLED	CSG LEFT IN
FORMATION		SIZE & KIND		
<u>Newburg</u>	<u>Gel 5893 to 5883. Cement 5883 to 5830. Gel 5830 to 5160. Cement 5160 to 5091. Cement 5091 to 4997.</u>	<u>Cement</u>	<u>4697'3"</u>	<u>422'2"</u>
	<u>Lead Plug 4997. Red Mud 4997 to 3100. Rock top 7" 3075. Red Mud 3075 to 2518. Cement 2518 to 2508. Rock 2508-2503. Red Mud 2503-2435. Cement 2435-2425. Rock 2425-2420. Red Mud 2420-2201. Cement Plug 2201-2191. Rock 2191-2186. Red Mud 2186-1863. Cement Plug 1863-1853. Rock 1853-1848. Red Mud 1848-1630. Cement Plug 1630-1640. Rock 1640-1630. Open Hole 1630-1245. Rock Bridge 1245. Red Mud to 1100. Cement</u>	<u>Lead Plug in Pipe 7"</u>	<u>3211'9"</u>	<u>1760'3"</u>
		<u>Cement 8"</u>	<u>1100'2"</u>	<u>1091'1"</u>
COAL SEAMS			<u>16"</u>	<u>14"</u>
(NAME)	<u>None</u>		DESCRIPTION OF MONUMENT	
(NAME)	<u>1085-785. Rock Bridge 785-770. Red Mud to 300. Cement Plug 300-290. Rock 290-285. Red Mud 285 to 8'. Cement to 0'.</u>		<u>7" casing 30" above ground, numbered and dated.</u>	
(NAME)				
(NAME)				

4 1/2" Csg.



and that the work of plugging and filling said well was completed on the 27th day of February, 19 67.

And further deponents saith not.

Sworn to and subscribed before me this 12th day of May, 19 67.

Vernon E. Jividen, Vernon E. Jividen  
Notary Public.

My commission expires:

VERNON E. JIVIDEN, Notary Public  
My Commission expires June 9, 1974

Permit No. JAG.1124 P.

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
DIVISION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVITE 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: COLE, WILLIAM D., ETAL Operator Well No.: 11-S-749

LOCATION: Elevation: 805.80 Quadrangle: RIPLEY  
District: RIPLEY County: JACKSON  
Latitude: 5900 Feet South of 38 Des. 50 Min. 0 Sec.  
Longitude: 1500 Feet West of 81 Des. 40 Min. 0 Sec.

Company: Clowser Well Service, Inc. Coal Operator Not Known  
P.O. Box 1366-Clarksburg, WV 26301 or Owner \_\_\_\_\_  
For: Dept. Energy-Oil & Gas \_\_\_\_\_

Agent: \_\_\_\_\_ Coal Operator Not Known  
Inspector: Jerry Tephabock or Owner \_\_\_\_\_  
Permit Issued: 06/30/88 \_\_\_\_\_

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of JACKSON ss:

Steven L. Miner and Walter C. Arbogast 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 Clowser Well Service, Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 7<sup>th</sup> day of JULY, 1988, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
CEMENT	1056'	956'		
GEL	956'	800'		
CEMENT	800'	700'		
GEL	700'	400'		
CEMENT	400'	250'		
GEL	250'	100'		
CEMENT	100'	0'		

*OK* RECEIVED  
JUL 25 1988  
DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Description of monument: Set 6" monument 36" above ground, API number installed

and that the work of plugging and filling said well was completed on the 7<sup>th</sup> day of July, 1988.

And further deponents saith not. Walter C. Arbogast  
Steven L. Miner

Sworn and subscribe before me this 22<sup>nd</sup> day of July, 1988

My commission expires: August 3, 1991  
Terry M. Weaver  
Notary Public