

640 A<sup>c</sup> UNIT

U.S.A. Tr. 190	110.29
B.D. Eye	50.00
C.E. Eye	75.00
R.N. Dumire	19.00
M. Kochenderfer	25.00
Alonzo Tennant	65.00
Mary L. Minear, et al	136.71
Harry Rubenstein	54.00
U.S.A. Tr. 115	78.00
J.P. Nichols	27.00

**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 4 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.  
 Minimum degree of accuracy to one part in 200

Signed Donald G. Galt, L.S. #247

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

8/17/72

COMPANY CITIZEN SERVICE OIL COMPANY  
 ADDRESS BOX 873 CHARLESTON, W. VA.  
 FARM ALONZO TENNANT  
 MAP \_\_\_\_\_ ACRES PT. 640-Unit LEASE NO WV-263  
 WELL (FARM) NO. A-1 SERIAL NO GW-1715  
 ELEVATION (SPIRIT LEVEL) 1840.30  
 QUADRANGLE PARSONS DISTRICT Black Fork  
 COUNTY TUCKER DISTRICT BLACKFORK  
 POINT OF PROVEN ELEVATION STANDARD DISK IN S.E. CORNER  
BRIDGE OVER WOLF RUN EL. 1970.0  
 FILE NO \_\_\_\_\_ DRAWING NO W-2-72  
 DATE APRIL 16, 1972 SCALE 1" = 2000'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
 WELL LOCATION MAP

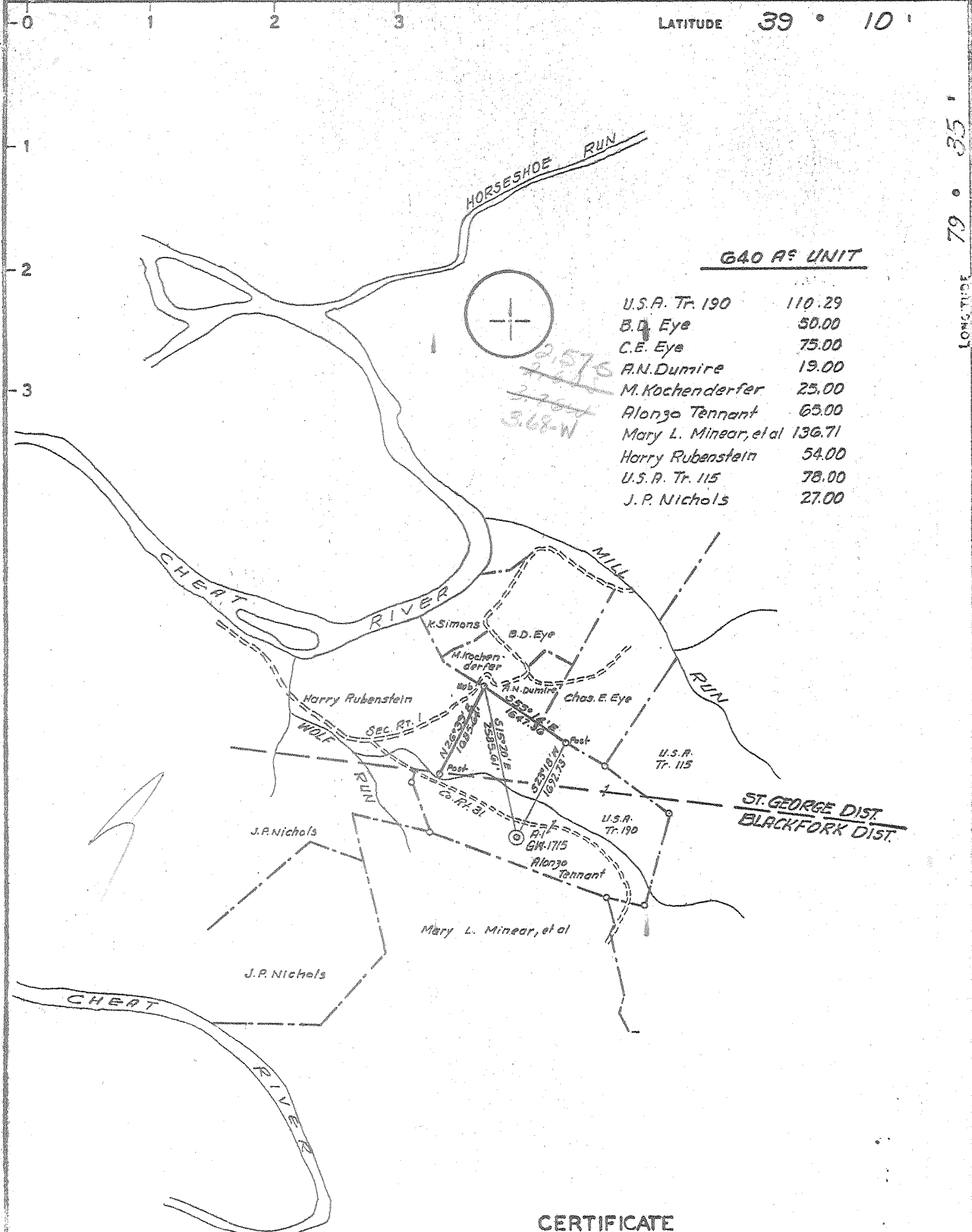
FILE NO. TUC-40-P

✦ 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

5-0

unnamed

Deep Well SEP 18 1972  
 (Tuc)



LATITUDE 39 ° 10 '

LONGITUDE 79 ° 35 '

GAD A<sup>c</sup> UNIT

U.S.A. Tr. 190	110.29
B.D. Eye	50.00
C.E. Eye	75.00
A.N. Dumire	19.00
M. Kochenderfer	25.00
Alonzo Tennant	65.00
Mary L. Minear, et al	136.71
Harry Rubenstein	54.00
U.S.A. Tr. 115	78.00
J.P. Nichols	27.00

2575  
2576  
368-W

ST. GEORGE DIST.  
BLACKFORK DIST.

**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 Donald Y. Depp, L.S. #247

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY GULF SERVICE OIL COMPANY  
 ADDRESS Box 873 Charleston, W. Va.  
 FARM ALONZO TENNANT  
 MAP \_\_\_\_\_ ACRES Pt. GAD-Unit LEASE NO. WV-203  
 WELL (FARM) NO. A-1 SERIAL NO. GW-1715  
 ELEVATION (SPIRIT LEVEL) 1840.30  
 QUADRANGLE PARSONS DISTRICT Black Fork  
 COUNTY TUCKER DISTRICT BLACKFORK  
 POINT OF PROVEN ELEVATION STANDARD DISK IN S.E. CORN.  
BRIDGE OVER WOLF RUN EL. 1578.0  
 FILE NO. \_\_\_\_\_ DRAWING NO. W-2-72  
 DATE APRIL 14, 1972 SCALE 1" = 2000'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO. TUC-40

+ 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

5-0 unnamed (Tuc-38)

Deep Well  
(Tuscarora)

MAY 15 1972



**RECEIVED**  
SEP 7 1972

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

**Oil and Gas Division**  
**WELL RECORD**

Quadrangle Parsons

Permit No. TUC-40

Rotary X Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal Dry (Kind)

Company Cities Service Oil  
Address Box 873, Charleston, W. Va. 25323  
Farm Alonzo Tennant Acres Pt. 640  
Location (waters) Wolf Run of Cheat River  
Well No. "A" #1, GW-1715 Elev. 1838  
District Black Fork County Tucker  
The surface of tract is owned in fee by Alonzo Tennant, Agent  
Address Route 3, St. George, W. Va.  
Mineral rights are owned by (see attached)

Casing and Tubing	Used in Drilling Depth set	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20- <del>bxx</del>			
Cond. <u>94# H-40</u>	<u>70'</u>	<u>70'</u>	35 sx w/4% ca cl
<u>13-<del>bxx</del> 3/8" 54.5</u>	<u>J-55 1482'</u>	<u>1482'</u>	1314 cu.ft. w/2%
<u>9 5/8 " 40# J-55</u>	<u>4975'</u>	<u>1231'</u>	627 cu.ft. (ca cl)
<u>8 5/8</u>			
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>			
<u>3</u>			
<u>2</u>			
Liners Used			

Drilling Commenced 5/28/72  
Drilling Completed 8/17/72  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production \_\_\_\_\_ cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.  
Well treatment details:

Attach copy of cementing record.

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand PSA 8/20/72 Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Lime and Sand			100	1480		
Shale w/minor amounts limestone and sand			1480	3834		
✓ Onondaga Limestone			3834	3860		
✓ Onondaga Chert			3860	4013		
✓ Oriskany Sand			4013	4126		
✓ Limestone and Dolomite <u>Held. + Sal.</u>			4126	4806		
Salt- <u>Saline</u>			4806	4820		
Lime and Dolomite w/Shale streaks			4820	6124		<u>Salina + McKenzie</u>
✓ Rosehill Shale			6124	6669		
✓ Sand, Limestone and Shale			6669	7286		
✓ Shale - <u>Juniata</u>			7286	7395		

(over)

\* Indicates Electric Log tops in the remarks section.

SEP 18 1972



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
MAY 2 1972

OIL & GAS  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE May 1, 1972

Surface Owner Alonso Tennant, Agent

Company Cities Service Oil

Address Rt. 3, St. George, W. Va.

Address Box 873, Charleston, W. Va. 25323

Mineral Owner see attached

Farm Alonso Tennant Acres Pt. 640

Address \_\_\_\_\_

Location (waters) Wolf Run of Cheat River

Coal Owner Alonso Tennant, Agent

Well No. "A" #1, 02-1715 Elevation 1840.36

Address Rt. 3, St. George, W. Va.

District Black Fork County Tucker

Coal Operator \_\_\_\_\_

Quadrangle Parsons

Address \_\_\_\_\_

THIS PERMIT MUST BE POSTED AT THE WELL SITE  
All provisions being in accordance with Chapter 22,  
of the W. Va. Code, the location is hereby approved  
for drilling. This permit shall expire if  
operations have not commenced by Sept. 2, 1972.

INSPECTOR TO BE NOTIFIED Paul Thomas  
Buckhannon, W. Va. PH: 478-6419

Robert S. [Signature]  
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under Communication Agreement grant or lease dated April 9, 1972 by Alonso Tennant made to Cities Service Oil Co. and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in \_\_\_\_\_ County, Book \_\_\_\_\_ Page \_\_\_\_\_

X NEW WELL \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  
\_\_\_\_\_ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,  
(Sign Name) [Signature] Cities Service Oil Company  
Region Well Operator Production Manager

Address  
of  
Well Operator

Box 873 Street  
Charleston City or Town  
West Virginia 25323 State

\*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

TUC-40

PERMIT NUMBER

[Signature]

**THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO  DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME Unknown at this time \_\_\_\_\_ NAME L. B. Todd \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ ADDRESS Box 677, Charleston, W. Va. \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_ TELEPHONE 344-8383 \_\_\_\_\_  
 ESTIMATED DEPTH OF COMPLETED WELL: 6975' \_\_\_\_\_ ROTARY  \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Triassic \_\_\_\_\_  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS  \_\_\_\_\_ COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10 <u>13-3/8</u>	<u>150</u>	<u>150</u>	<u>110</u>
9 - 5/8 <u>9-5/8</u>	<u>1515</u>	<u>1515</u>	<u>350</u>
8 - 5/8			
7 <u>7</u>	<u>4865</u>	<u>4865</u>	<u>100</u>
5 1/2			
4 1/2 <u>4-1/2</u>	<u>6925</u>	<u>6925</u>	<u>100</u>
3			Perf. Top <u>6490</u>
2 <u>2-3/8</u>			Perf. Bottom <u>5900</u>
Liners			Perf. Top _____
			Perf. Bottom _____

APPROXIMATE FRESH WATER DEPTHS 375 FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS None \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? No BY WHOM? \_\_\_\_\_

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

\_\_\_\_\_  
For Coal Company

\_\_\_\_\_  
Official Title

Lessors:

U. S. Geological Survey  
3227 GSA Bldg.  
Washington, D.C. 20242

Mary L. Minear, Widow  
Parsons, W. Va.

Robert W. Minear, Agent  
Parsons, W. Va.

Harry L. Rubenstein, Unmarried  
Box 332, Thomas, W. Va.

Burrell D. Eye & Mary K. Eye H/W  
Rt. 2, Parsons, W. Va.

Miles C. Kochenderfer & Martha Kochenderfer H/W  
Box 296, Parsons, W. Va.

Albert M. Dumire & Hazel M. Dumire H/W  
Rt. 2 Box 39  
Parsons, W. Va.

Charles E. Eye & Maxine C. Eye H/W  
% Burrell D. Eye  
Rt. 2, Parsons, W. Va.

J. Pat Nichols & Martha G. Nichols H/W  
Parsons, W. Va.

Joint: Texas Eastern Transmission Corporation  
1515 Four Gateway Center  
Pittsburgh, Pennsylvania 15222

RECEIVED

MAY 2 1972

OIL & GAS DIVISION  
DEPT. OF MINES

RECEIVED

SEP 7 1972

FORM OG-8

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

OIL & GAS DIVISION  
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE. 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.

COAL OPERATOR OR OWNER	Cities Service Oil Company
NAME OF WELL OPERATOR	Box 873, Charleston, W. Va. 25323
ADDRESS	COMPLETE ADDRESS
COAL OPERATOR OR OWNER	August 31, 19 72
ADDRESS	WELL AND LOCATION
Alonzo Tennant, Agent	Black Fork District
LEASE OR PROPERTY OWNER	Tucker County
Route 3, St. George, W. Va.	Well No. "A" #1, GW-1715
ADDRESS	Alonzo Tennant Farm

STATE INSPECTOR SUPERVISING PLUGGING Paul Thomas, Box 12, Buckhannon, W. Va. 26201

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Tucker } ss:

*Roger Schmidt* and *James R. Kelley*  
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 \_\_\_\_\_, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 18 day of August, 19 72, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL	PLUGS USED	CASING	
			CSG PULLED	CSG LEFT IN
FORMATION	Filled hole w/10 <sup>4</sup> mud	SIZE & KIND		
Tuscarora	Bridge plug in 9-5/8" at 4900'		3744'	1231'-9-5/8"
Oriskany	one sack Calseal 4898-4848	Cement		1482'-13-3/8"
	4096-4046	Cement		60'-20"
	3744-3694	Cement		
	1532-1432	Cement		
	80-0'	Cement		
COAL SEAMS		DESCRIPTION OF MONUMENT		
(NAME)		9-5/8" casing 30" above surface		
(NAME)		Cities Service Oil Company		
(NAME)		GW-1715, Tennant "A" #1		
(NAME)				

and that the work of plugging and filling said well was completed on the 20 day of August, 19 72.

And further deponents saith not.

Sworn to and subscribed before me this 21 day of August, 19 72

My commission expires:  
September 6, 1972

*Roger Schmidt*  
*James R. Kelley*  
*Shuf Spencer*  
Notary Public.  
Permit No. TUC-40-P

SEP 18 1972