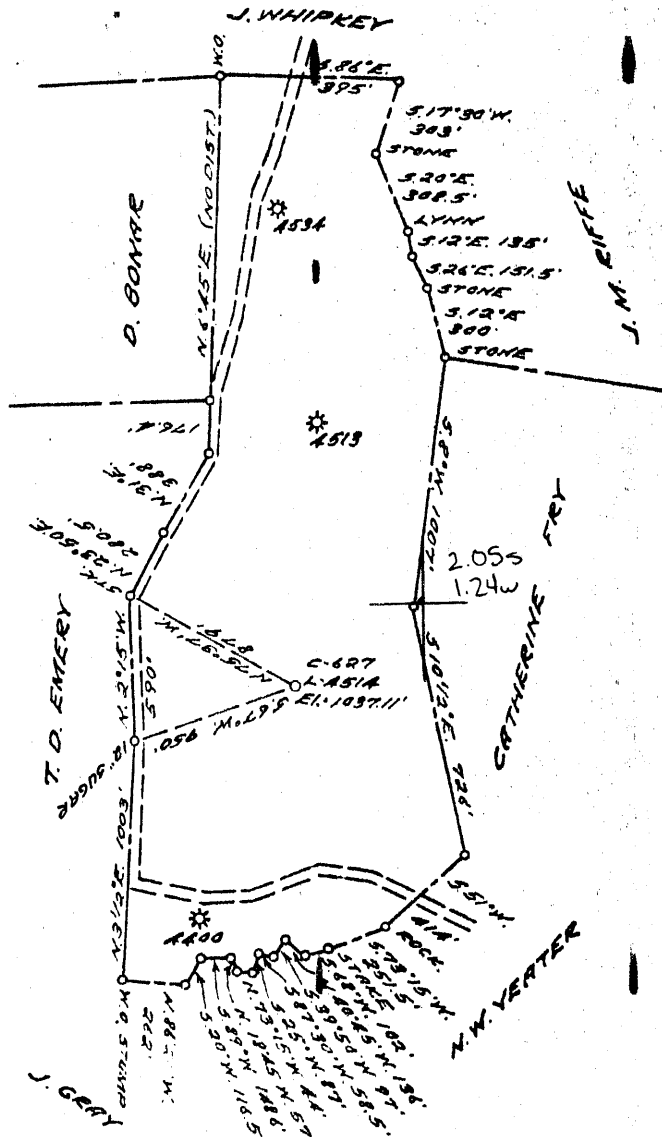


LATITUDE 39 0 50
39° 47' 30"

LONGITUDE 80 35



70100

COAL OWNED BY _____
RECONDUCTION
NEW LOCATION.....
DRILL DEEPER.....
ABANDONMENT..... issued 3-24-72

0-25-28

Now: Columbia Gas Transmission Corp.
COMPANY THE MANUFACTURERS LIGHT & HEAT
ADDRESS 800 UNION TRUST BLDG. PGH. PA.
FARM W. H. LOPER
TRACT _____ ACRES 101 LEASE No. 28901
WELL (FARM) No. 3 SERIAL No. 451A
ELEVATION (SPIRIT LEVEL) 1037.11'
QUADRANGLE CAMERON SC
COUNTY MARSHALL DISTRICT LIBERTY
ENGINEER Robert M. Hall
ENGINEER'S REGISTRATION No. 361-E (J.F.)
FILE No. _____ DRAWING No. Y-15-994
DATE 13 JULY 59 SCALE 1" = 800'

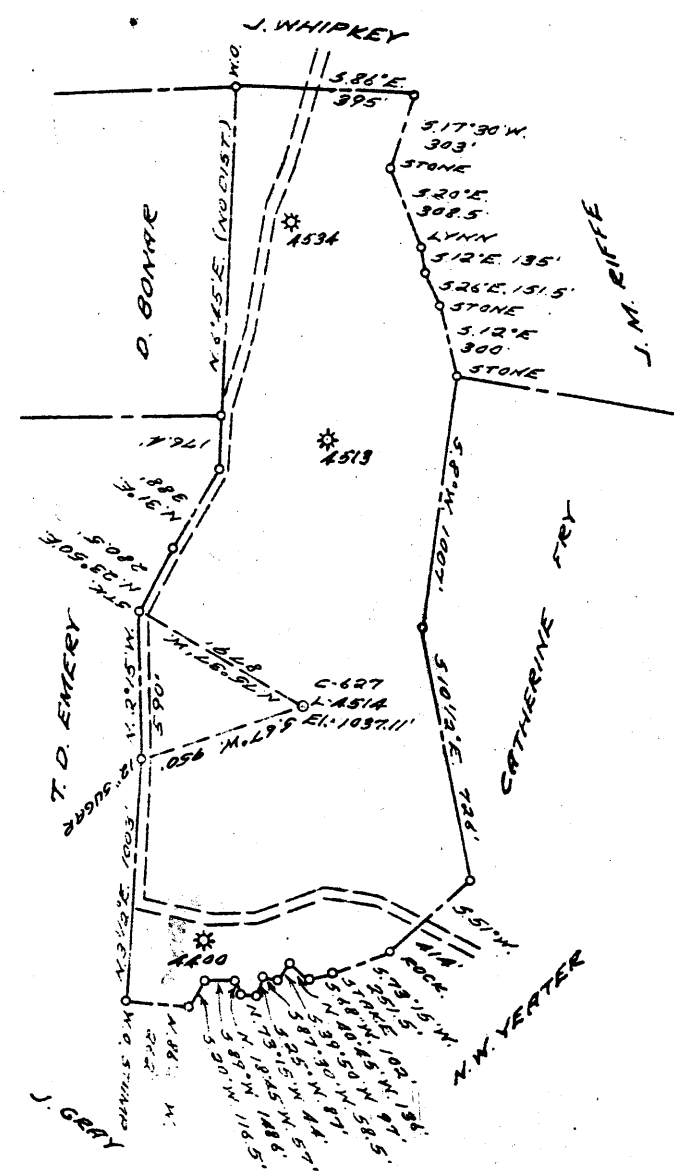
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE No. TRRS-359-R-P
(Storage)
+ DENOTES LOCATION OF WELL ON UNITED STATES TOPO-
GRAPHIC MAPS, SCALE 1" TO 62,500. LATITUDE AND LONGITUDE
LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.
- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL
TRACING.

0 1 2 3

LATITUDE 39 ° 50

1 2 3

LONGITUDE 90 ° 35



COAL OWNED BY _____
 RECONDITION _____

NEW LOCATION.....

DRILL DEEPER.....

ABANDONMENT.....

0-25-28

COMPANY THE MANUFACTURERS LIGHT & HEAT

ADDRESS 800 UNION TRUST BLDG. PGH. PA.

FARM W. H. LOPER

TRACT _____ ACRES 101 LEASE No. 28901

WELL (FARM) No. 3 SERIAL No. 4514

ELEVATION (SPIRIT LEVEL) 1037.11'

QUADRANGLE CAMERON - SC

COUNTY MARSHALL DISTRICT LIBERTY

ENGINEER Robert M. Hall

ENGINEER'S REGISTRATION No. 361-E (J.F.)

FILE No. _____ DRAWING No. Y-15-994

DATE 13 JULY 59 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. TRALS-359-E
 (Storage)

+ 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

Quadrangle Cameron

WELL RECORD

STORAGE
Oil or Gas Well GAS
(KIND)

Permit No. MARS-359-REDRILL

Company The Mfrs. Lt. and Ht. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm W. H. Loper Acres 101
Location (waters) _____
Well No. 4514 Elev. 1037.11'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced July 17, 1959
Drilling completed January 23, 1963
Date Shot Sept 1/23/63 from Salt Sands
With Orifice Gas Well Tester
Open Flow 1.8/10ths Water in 1/4 Inch
 /10ths Merc. in _____ Inch
Volume 2,363 Cu. Ft.
Rock Pressure 15 lbs. 24 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			
10 3/4"	753'	753'	Size of _____
8 1/2"			
8 1/2" x 7"	1260'	1260'	Depth set _____
5 3/16"			
8 1/2" x 4 1/2"	1660'	1660'	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 707 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
✓ Pittsburgh Coal		7	707	714			
✓ Murphy Sand		9	797	806			
✓ Big Dunkard		74	1200	1274			
✓ 1st Salt Sand		18	1455	1473			
✓ 2nd Salt Sand		18	1526	1544			
✓ 3rd Salt Sand		16	1614	1630			
Total Depth				1660			
10 3/4" Casing			753'				
7" Casing			1260'				
4-1/2" Tubing			1660'				
4 1/2" x 6 5/8" Wall and Anchor Packer Set @			1306'				



W. H. LOPER NO. 627 WELL.

359

Liberty District, Marshall County, W. Va.

By Carnegie Natural Gas Co.

Purchased from J. W. Miller et al.

Cameron SE Quadrangle.

On 101 acres; lease No. 9805.

No elevation.

Initial open flow, unknown. Good well.

Initial rock pressure, unknown. Good rock pressure.

Abandoned Oct. 13, 1922.

Record from Wilcox 10-15-39.

	Top.	Bottom.
Sewickley Coal	614	- 621
Pittsburgh Coal	714	- 722
Big Dunkard Sand	1188	-
Maxton Sand (gas at 1730')	1730	-
Pencil Cave	1805	- 1815
Big Lime	1815	- 1855
Big Injun Sand (gas at 1980')	1855	- 2100
30' Sand (gas at 2695')	2680	- 2695
Gordon Stray Sand (GORDON)	2714	-
Gordon Sand (FOURTH)	2791	- 2796
Total depth		2818

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

RECEIVED
OIL & GAS DIVISION
DEPT. OF MINES

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.

Consolidation Coal Company COAL OPERATOR OR OWNER Hanna Coal Company Division Cadiz, Ohio 43907 ADDRESS	Columbia Gas Transmission Corp. 800 Union Trust Building Pittsburgh, Pa. 15230 COMPLETE ADDRESS August, 25, 1972 WELL AND LOCATION Liberty District Marshall County Well No. L-4514 W. H. Loper Farm
COAL OPERATOR OR OWNER ADDRESS	
LEASE OR PROPERTY OWNER ADDRESS	

STATE INSPECTOR SUPERVISING PLUGGING... Arthur Null, Box 296, Hundred, W. Va. 26575

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Marshall } SS:

Phillip D. Whipkey and William A. Marling
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 Columbia Gas Transmission Corp. well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 5 day of June, 1972, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PERMISSIBLE SIZE OPEN	CASING	
			CS# PULLED	CS# LEFT IN
1660'	Total Depth	10 3/4"	0	0-758'
1660' - 1110'	Cement	7"	0	0-1260'
1110' - Surface	Aquagel	4 1/2"	1672	0
	Filled between 7" Casing and 10 3/4" Casing with 56 bgs. Aquagel from approx 1000' to Surface.			
COAL SEAMS	DESCRIPTION OF MONUMENT			
(NAME) Pittsburgh 707' - 714'	7" casing was reduced to 2" with swage nipple and 5' of 2" was used as vent with 2" ell and 2" st. ell on top. Plate bearing Co. name and well # was permanently affixed to vent.			
(NAME)				
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 11 day of August, 1972.

And further deponents saith not.

Sworn to and subscribed before me this 14 day of August, 1972.

My commission expires:
MY COMMISSION EXPIRES JULY 7, 1980

Phillip D. Whipkey
William A. Marling
Arthur Null

Notary Public.

Permit No. MARS-359-R-P