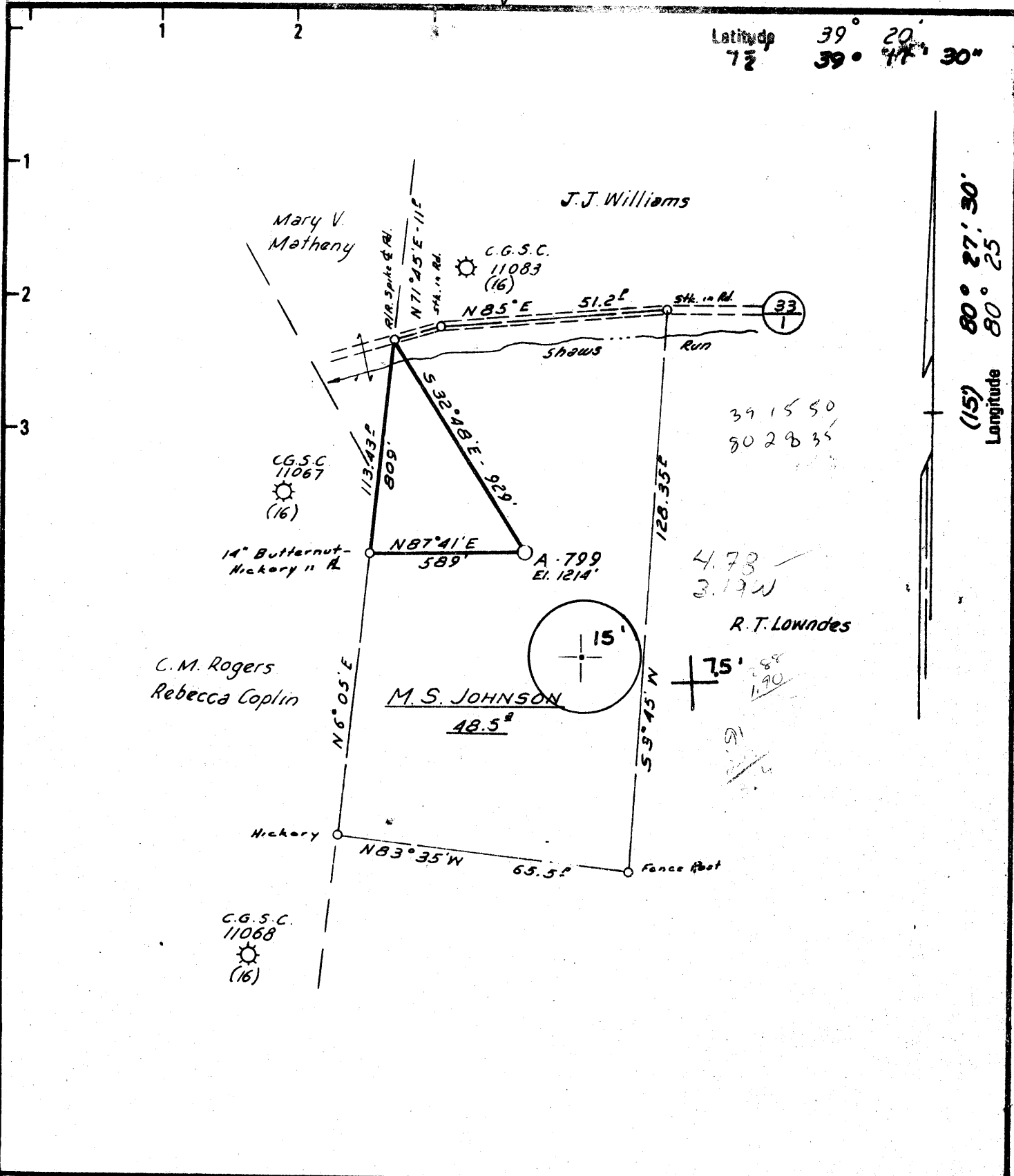


Latitude $39^{\circ} 20' 30''$
 72° $39^{\circ} 47' 30''$



Latitude $80^{\circ} 27' 30''$
 $80^{\circ} 25'$
 Longitude

Minimum Error of Closure ONE PART IN 200
 Source of Elevation A.L. & M. CO. WELL # A-785 ELEV. 1214'

New Location
 Drill Deeper
 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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company ALLEGHENY LAND & MINERAL CO.
 Address CLARKSBURG, W. V. 26301
 Farm M. S. JOHNSON, FRANK IAQUINTA
 Tract _____ Acres 48.5 Lease No. _____
 Well (Farm) No. _____ Serial No. A-799
 Elevation (Spirit Level) 1214' SW
 Quadrangle CLARKSBURG 15', WOLF SUMMIT 7 1/2'
 County HARRISON District TEN MILE
 Engineer Samuel L. Wheeler
 Engineer's Registration No. 530 L.L.S.
 File No. 267 Drawing No. B-1521
 Date 3-5-79 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. 47-033-2058

+ 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.

MAR 30 1979

106-6 JARVISVILLE 151

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

Date May 31, 1979

FORM IV-35
(Obverse)

Operator's Well No. A-799

WELL OPERATOR'S REPORT
OF

API Well No. -7-033-2058
State Permit

[08-78]

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas", Production / Underground storage / Deep / Shallow
LOCATION: Elevation: 1214' Watershed: Shaws Run
District: Ten Mile County: Harrison Quadrangle: Clarksburg (15')

WELL OPERATOR Allegheny Land & Mineral Co. DESIGNATED AGENT same
Address P. O. Box 1740 Address _____
Clarksburg, WV 26301

PERMITTED WORK: Drill / Convert / Drill deeper / Redrill / Fracture or stimulate
Plug off old formation / Perforate new formation /
Other physical change in well (specify) _____

PERMIT ISSUED ON March 8, 19 79 OIL & GAS INSPECTOR FOR THIS WORK:
(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED) Name Paul Garrett
Address 321 Beech Street
Clarksburg, WV 26301

GEOLOGICAL TARGET FORMATION: Balltown - Benson Depth 4900 feet
Depth of completed well, 4858 feet Rotary / Cable Tools
Water strata depth: Fresh, 50 feet; salt, 1510, feet. 1520'
Coal seam depths: 97-100', 230-234' Is coal being mined in the area? no
Work was commenced April 30, 19 79, and completed May 7, 19 79

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor	11-3/4"			<input checked="" type="checkbox"/>		22'	22'	Winds
Fresh water								
Coal	8-5/8"			<input checked="" type="checkbox"/>		900'	900'	Cemented to surface
Intermediate								
Production	4 1/2"			<input checked="" type="checkbox"/>		4788'	4788'	Depth 2888'
Tubing								
Liners								Perforations: Bottom

RECEIVED
JUN - 5 1979

OPEN FLOW DATA Speechly OIL & GAS DIVISION DEPT. OF MINES
Producing formation Balltown 3190-3206'
3284-3296'
3514-3549'

Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Mcf/d
all sands Final open flow, 231 Mcf/d Final open flow, _____ Mcf/d
Time of open flow between initial and final tests, _____ hours
Static rock pressure, _____ psig (surface measurement) after _____ hours shut in.
[If applicable due to multiple completion--]
Second producing formation Benson See also tests 4648-4672 feet
Initial open flow, _____ Mcf/d Initial open flow, _____ Mcf/d
Final open flow, _____ Mcf/d Final open flow, _____ Mcf/d
Time of open flow between initial and final tests, _____ hours

JUN 14 1979

[08-78]

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

Well was fractured May 18, 1979 by Dowell.

Perforations: 3192 - 3204' - 4 holes
 3284 - 3290' - 12 "
 3521 - 3525' - 5 "
 3531 - 3535' - 4 "
 3539 - 3549' - 7 "
 4653 - 4655' - 2 "
 4656 - 4662' - 9 "
 4665 - 4670' - 7 "

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Clay			0	5	
Sand & Shale			5	97	
COAL *****			97	100	Water - 1/4" stream @ 50'
Sand & Shale			100	230	Coal *****
COAL *****			230	234	Coal *****
Sand & Shale			234	1630	
Big Lime			1630	1700	Water - 1/4" stream @ 1510'
Injun Sand			1700	1756	Water - 1" " @ 1520'
Sand & Shale			1756	2366	
4th Sand			2366	2398	
Sand & Shale			2398	2586	
5th Sand			2586	2612	
Sand & Shale			2612	3190	
Speechly Sand			3190	3206	
Sand & Shale			3206	3284	
Speechly Sand			3284	3296	
Sand & Shale			3296	3514	
Balltown Sand			3514	3549	
Sand & Shale			3549	4508	
Sand			4508	4538	
Sand & Shale			4538	4648	
Benson Sand			4648	4672	
Shale			4672	4858	
			total depth	4858 (driller)	

(Attach separate sheets to complete as necessary)

Allegheny Land & Mineral Company
Well Operator

By Claron Dawson

Its Supt.

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

RECEIVED

MAR 12 1979

Date: March 8, 1979

Operator's Well No. A-799

API Well No. 47 - 033 - 2058
State County Permit

OIL & GAS DIVISION
DEPT. OF MINES

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

FORM IV-2
(obverse)

OIL AND GAS WELL PERMIT APPLICATION

[08-78]

WELL TYPE: Oil / Gas XX /
(If "Gas", Production / Underground storage / Deep / Shallow XX /)
LOCATION: Elevation: 1214 Watershed: Shaws Run
District: Ten Mile County: Harrison Quadrangle: Clarksburg (15')

WELL OPERATOR ALLEGHENY LAND & MINERAL CO. DESIGNATED AGENT ALLEGHENY LAND & MINERAL C
Address P. O. DRAWER 1740 Address P. O. DRAWER 1740
CLARKSBURG, WEST VIRGINIA CLARKSBURG, WV 26301
26301

OIL & GAS ROYALTY OWNER Marie S. Johnson, Agt. COAL OPERATOR none
Address 3705 65th Avenue Address
Hyattsville, MD 20784

ACREAGE 48.50 COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Marie S. Johnson
SURFACE OWNER Frank Iaquina Address 3705 65th Avenue
Address 444 North 3rd Street Hyattsville, MD 20784
Clarksburg, WV 26301
ACREAGE 48.50 Name

FIELD SALE (IF MADE) TO: Address
Name Consolidated Gas Supply Corp.
Address 445 West Main Street
Clarksburg, WV 26301

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address 321 Beech Street
Clarksburg, WV 26301

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease XX / other contract / dated July 16, 1969, to the undersigned well operator from Consolidated Gas Supply Corporation
[If said deed, lease, or other contract has been recorded:]

Recorded on , 19 , in the office of the Clerk of the County Commission of Harrison County, West Virginia, in Deed Book 964 at page 563. A permit is requested as follows:

PROPOSED WORK: Drill XX / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify)

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

ALLEGHENY LAND & MINERAL COMPANY
By Glen E. Watkins
Glen E. Watkins, Manager
Land, Lease & Right of Way

FORM IV-2
(Revised)
[OH-78]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) UNION DRILLING COMPANY
Address P. O. BOX 40
BUCKHANNON, WEST VIRGINIA 26201

GEOLOGICAL TARGET FORMATION, Balltown - Bensen

Estimated depth of completed well, 4900 feet Rotary XX/ Cable tools /
Approximate water strata depths: Fresh, 45-170 feet; salt, feet.
Approximate coal seam depths: 50-160 Is coal being mined in the area? Yes / No XX/

CASING AND TUBING PROGRAM

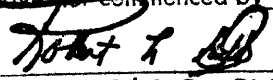
CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet) cement to surface	PACKERS
	Size	Grade	Weight per Ft	New	Used	For drilling		
Conductor	16"				X	20'	20'	Kinds
Fresh water	8-5/8"							
Coal	8-5/8"		20#	X		600'	600'	Sizes
Intermediate								
Production	4 1/2"		J 55 10.50#	X		4900'	4900'	Deaths set
Tubing								
Liners								Perforations:
								Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-3, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12c, and (v) if applicable, the consent required by Code § 22-4-9a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

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 11-12-79.


Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: , 19
By
Its