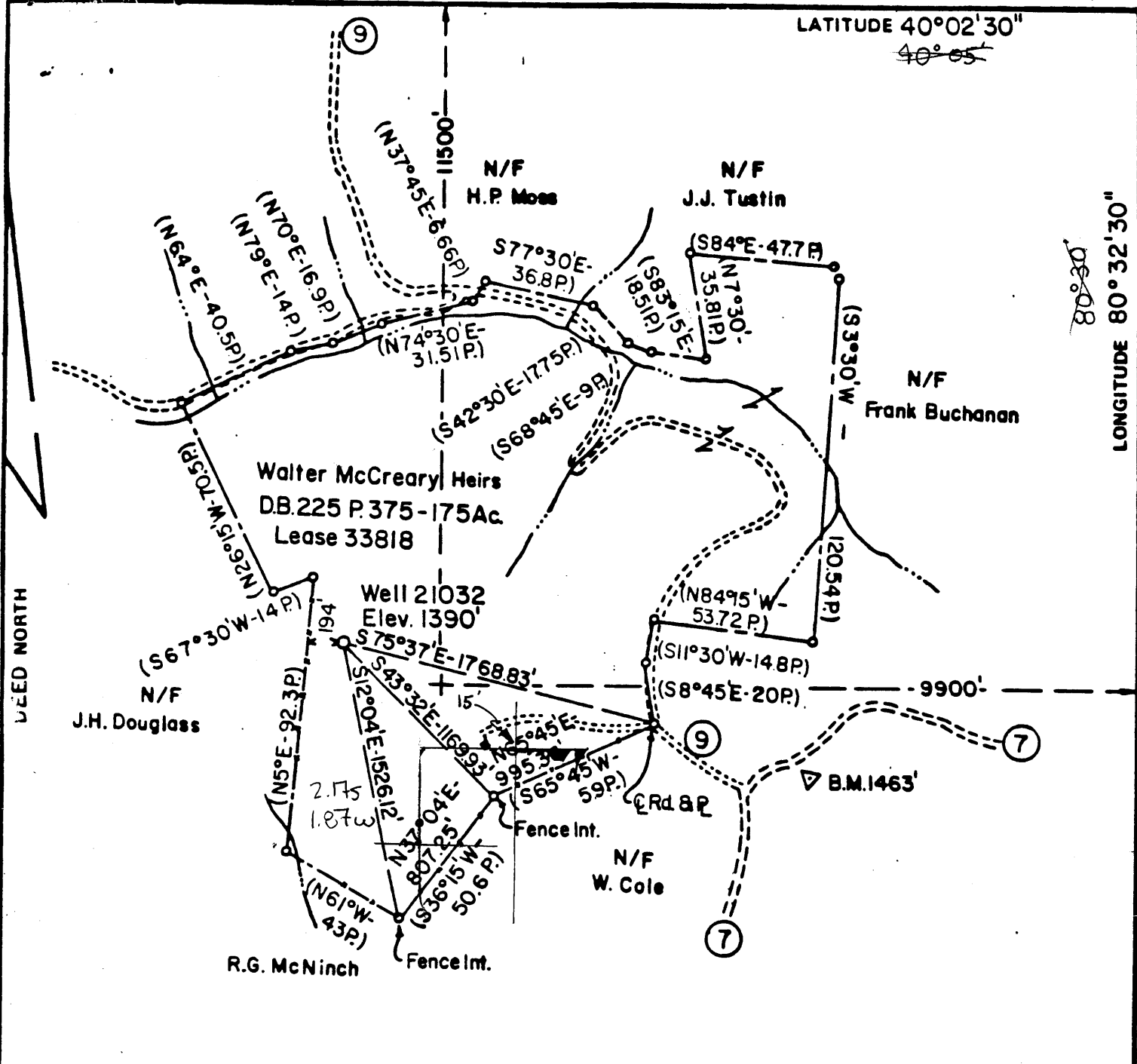


M.S. 6/23/82



LATITUDE 40°02'30"
40°05'

LONGITUDE 80°32'30"
80°30'

FILE NO. F.B.1385-N Pg.62
DRAWING NO. _____
SCALE 1"=800'
MINIMUM DEGREE OF ACCURACY 1/2500
PROVEN SOURCE OF ELEVATION B.M. 1463'-U.S.G.S. Δ Pt. Wilson Knob

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 MINES.
(SIGNED) *David C. Daut*
R.P.E. _____ L.L.S. 99

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
FORM IV-8 (8-78)
Lat. 40°00'23"
Long. 80°34'26"



DATE January 14, 19 82
OPERATOR'S WELL NO. 21032
API WELL NO. 47-051
STATE Marshall COUNTY Marshall PERMIT 0700-P

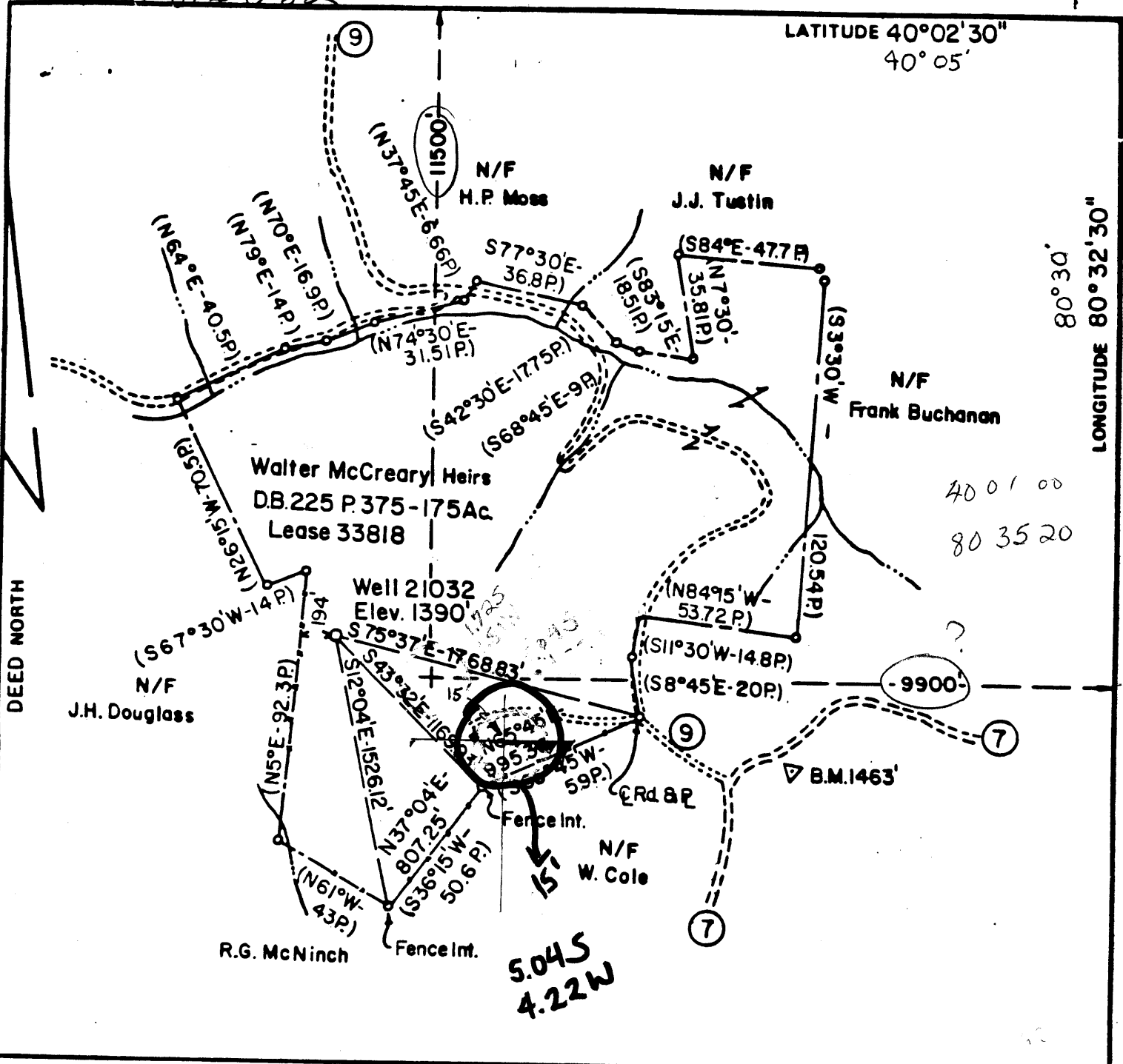
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1390 WATER SHED Wherry Run
DISTRICT Sand Hill COUNTY Marshall
QUADRANGLE Valley Grove, W.Va.-Pa. 7.5 Wheeling 15'
SURFACE OWNER Walter McCreary, Heirs ACREAGE 175
OIL & GAS ROYALTY OWNER Walter McCreary, Heirs LEASE ACREAGE 175
LEASE NO. 33818
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION Gordon Sand ESTIMATED DEPTH 2950'
WELL OPERATOR Columbia Gas Transmission Corp. DESIGNATED AGENT J.R. Henning
ADDRESS P.O. Box 1273 Charleston, W.Va. 25325 ADDRESS P.O. Box 1273 Charleston, W.Va. 25325

DEC 6 1982

M.S. 6/23/82



FILE NO. F.B.1385-N Pg.62
 DRAWING NO. _____
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION B.M. 1463-USGS. Δ Pt. Wilson Knob

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 MINES.
 (SIGNED) [Signature]
 R.P.E. _____ L.L.S. 99

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-8 (8-78)
 Lat. 40°00'23"
 Long. 80°34'26"



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE January 14, 19 82
 OPERATOR'S WELL NO. 21032
 API WELL NO. 47-051
 STATE Marshall COUNTY 0700 PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1390' WATER SHED Wherry Run
 DISTRICT Sand Hill COUNTY Marshall
 QUADRANGLE Valley Grove, W.Va.-Pa. 75 Wheeling 151 SE
 SURFACE OWNER Walter McCreary, Heirs ACREAGE 175
 OIL & GAS ROYALTY OWNER Walter McCreary, Heirs LEASE ACREAGE 175
 LEASE NO. 33818
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Gordon Sand ESTIMATED DEPTH 2950' JUL 12 1982
 WELL OPERATOR Columbia Gas Transmission Corp. DESIGNATED AGENT J.R. Henning
 ADDRESS P.O. Box 1273 Charleston, W.Va. 25325 ADDRESS P.O. Box 1273 Charleston, W.Va. 25325

NOV 9 - 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES



IV-35
(Rev 8-81)

Date November 4, 1982

Operator's
Well No. 21032
Farm McCreary
API No. 47 - 051 - 0700

State of West Virginia
Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production x / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1390 Watershed Wherry Run
District: Sand Hill County Marshall Quadrangle Valley Grove

COMPANY Columbia Gas Trans. Corp.

ADDRESS P. O. Box 1273

DESIGNATED AGENT J. L. Weekley

ADDRESS P. O. Box 1273

SURFACE OWNER C. E. McCreary

ADDRESS RD 3, Box 129 Wheeling

MINERAL RIGHTS OWNER C. E. McCreary

ADDRESS RD. 3, Box 129

OIL AND GAS INSPECTOR FOR THIS WORK Robert
Lowther ADDRESS Middlebourne, WV

PERMIT ISSUED 7/5/82

DRILLING COMMENCED 8/14/82

DRILLING COMPLETED 9/10/82

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON 11/2/82

Casing & Tubing Size Cond.	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16			
13-10"	50'	50'	to surf
9 5/8			
8 5/8	802	800	to surf
7			
5 1/2			
4 1/2	2605	1513	420
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Gordon Depth 2950 feet

Depth of completed well 2950 feet Rotary X / Cable Tools

Water strata depth: Fresh feet; Salt 880 feet

Coal seam depths: 757-763 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation DRY HOLE Pay zone depth feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow Mcf/d Final open flow Bbl/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 Pay zone depth feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure psig (surface measurement) after hours shut in

NOV 22 1982

(Continue on reverse side)

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

Perforated 13 holes between 2485'-2490'
 Broke down formation with 500 gals. - MCA
 Fractured with 45,010 gals. of water and 425 sacks of 20/50 sand
 Set 4½" bridge plug @ 2400' with 10' of Cal Seal on top
 Perforated 11 holes between 1992' - 2019
 Broke down formation with 500 gals. MCA
 Set 4½" bridge plug @ 1900' with 10' of Cal Seal on top
 Recovered 1092' of 4½" casing
 Spotted a cement plug from 600'-1100'
 Top plug 0-50' (between plugs is gel)

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Pittsburgh Coal			757'	763'	
Sand			1311'	1344'	
Sand			1450'	1493'	
Sand			1568'	1644'	
Maxon			1728'	1856'	
Big Lime			1876'	1980'	
Big Injun			1980'	2146'	
2nd Gas Sand			2426'	2444'	
Berea			2484'	2529'	
Gordon interval			2852'	2882'	
				T.D. 2950	

2950
2146
804-expl. ftg

(Attach separate sheets as necessary)

Well Operator
 By: [Signature]
 Date: 11-5-82

Note: Regulation 2.02(i) 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."



STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil ___ / Gas X /

(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /

LOCATION: Elevation: 1390 Watershed: Wherry Run
District: Sand Hill County: Marshall Quadrangle: Valley Grove

WELL OPERATOR Columbia Gas Transmission Corp. DESIGNATED AGENT J. L. Weekley
Address P. O. Box 1273 Address P. O. Box 1273
Charleston, WV 25325 Charleston, WV 25325

OIL AND GAS ROYALTY OWNER Catherine E. McCreary
Address R. D. 3 Box 129
Wheeling, WV 26002
Acreage 175

COAL OPERATOR Unoperated
Address _____

SURFACE OWNER Same as Royalty Owner
Address _____
Acreage _____

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME Consolidation Coal Company
Address c/o Don Self
6451 Pleasant St., Liberty, PA 15129
NAME State of W. Va. c/o Billy Snead
Address Auditors Office, State Office Bldg
Charleston, WV 25311

FIELD SALE (IF MADE) TO:
NAME _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME None
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Robert Lowther
Address General Delivery
Middlebourne, WV 26149
Telephone _____

RECEIVED

JUN 17 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease X / other contract ___ / dated 9/16, 1976, to the undersigned well operator from _____

(If said deed, lease, or other contract has been recorded:)

Recorded on _____, 19____, in the office of the Clerk of County Commission of Marshall County, West Virginia, in 460 Book at page 43 A. A permit is requested as follows:

PROPOSED WORK: Drill X / 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 receipt of this Application by the Department of Mines. 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 lessees on or before the day of the mailing or delivery of this 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
1513 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone -304/348-3092

Columbia Gas Transmission Corporation
Well Operator

By: Robert H. Stuart

Its: Manager, Drilling & Operations, East

RECEIVED

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) _____

Address _____

GEOLOGICAL TARGET FORMATION Gordon

Estimated depth of completed well 2950 feet. Rotary X / Cable tools /

Approximate water strata depths: Fresh, 490 feet; salt, 740 feet.

Approximate coal seam depths: _____

Is coal being mined in this area: Yes / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill-ling	Left in Well		
Conductor	11-3/4			X		60	60	To surface	Kinds
Fresh water									
Coal									Sizes
Intermed.	18-5/8			X		800	800	To surface	
Production	14-1/2			X		2950			Depths 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-9, "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 §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a 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,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR drilling THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 3-2-83

BY [Signature]

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: _____

NOV 16 1982

AFFIDAVIT OF PLUGGING AND FILLING

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.

Consolidated Coal Company
COAL OPERATOR OR OWNER
6451 Pleasant St., Liberty, Pa. 15129
ADDRESS
Hillman Coal and Coke Company
COAL OPERATOR OR OWNER
1900 Grant Building, Pittsburgh, Pa. 15222
ADDRESS
C. E. McCreary
LEASE OR PROPERTY OWNER
RD. 3 Box 129 Wheeling, WV
ADDRESS

Columbia Gas Trans. Corp.
NAME OF WELL OPERATOR
P. O. Box 1273, Charleston, WV
COMPLETE ADDRESS
November 4, 1982
WELL AND LOCATION
Sand Hill District
Marshall County
Well No. 21032
W. McCreary Farm

STATE INSPECTOR SUPERVISING PLUGGING Robert Lowther

AFFIDAVIT

STATE OF WEST VIRGINIA

County of Kanawha } SS:

James E. Prinsse and Marvin A. Grayson
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 well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 2nd day of November, 1982, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSS PULLED	CSS LEFT IN
Big Injun	4 1/2" casing, cement and Cal Seal	4 1/2" Bridge @ 1900"	-	
Berea	4 1/2" casing, cement and Cal Seal	4 1/2" Bridge @ 2400'	1092'	1513' 4 1/2" csg
Pittsburgh Coal	Gel 1100'-1890' Gel 50'-600'	500' cement	-	802' 8-5/8" csg
Surface		0'-50' cement		
COAL SEAMS		DESCRIPTION OF MONUMENT		
(NAME) Pittsburgh	Gel	30'+ of 4 1/2" casing cemented in		
(NAME)		8-5/8" casing with label as prescribed.		
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 2nd day of November, 1982

And further deponents saith not.

Sworn to and subscribed before me this 12 day of November, 1982

My commission expires: August 13, 1989

James E. Prinsse
Marvin A. Grayson
Notary Public
Permit No. 47-051-0700

MHC - 0700