Plot Log_ Card CSD M LATITUDE 392720 80 2035 0.53 W N 87.00 E stake at edge of road 4-Road GOAL: The Consolidation Coal Co. Mr. D.D. Born, Engr., Morgantown, W. Va. SURFACE: - Marylin Miller. Route 2, Mannington, W. Va. Minimum Error of Closure 110 200 Source of Elevation USGS BM at top of hill, 800 NW of location = 1326 I, the undersigned, hereby certify that this map is correct to the best of my know-ledge 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. Fracture New Location..... 7/21/78 Drill Deeper. Map No. Squares: Abandonment.. STATE OF WEST VIRGINIA Company CARNEGIE NATURAL GAS CO. DEPARTMENT OF MINES Address Munhall, Pennsulvania OIL AND GAS DIVISION **CHARLESTON** Mary L. Martin Marilyn Miller Acres Five Lease No. 6960 WELL LOCATION MAP Well (Farm) No. __One__ Serial No. __154 Elevation (Spirit Level) 1320 FILE NO MAR - 457-DD Quadrangle Shinnston, Clarksburg + Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude County Marion District Lincoln Meddal and longitude lines being represented by border lines as shown. Engineer's Registration No. 1227 LL5 200 Drawing No. - Denotes one inch spaces on border line of original tracing. 47 -049 AUG 7 Date June 30.1978 Scale 1" 200' TRASCO 500 5-77 MC6333•

TRASCO 500 5-77 MCB333. B.G. P. MANNING TON 64

.225 .56w

Latitude

0
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0
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Topo	Loca	tion
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7.5'	Loc.	15'	Loc	
		(ca	11c.)	

Company Cornegio Not Gras Co.

Farm Many Martin *1

15' Quad _______(sec.)

7.5' Quad Shimmston

District Limcolm

WELL LOCATION PLAT

County <u>049</u> Permit 457

Operatoric PORM IV-35 (Obverse) 1-154 Well No. WELL OPERATOR'S REPORT 66 API Wel No. -7 - U45 25.-049 457DD a [08-78] OF API We)
DRILLING, TRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE LL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal / (If "Gas", Production X / Underground storage / Deep / Shallow /) CATION: Elevation: 1320' Watershed: Little Bingamon Creek District: Lincoln County: Marion Quadrangle: Clarksburg NE LL OPERATOR ____Carnegie Natural Gas Company DESIGNATED AGENT J. C. Stephenson, Div.Supt. Address 3904 Main St. Address PO Drawer No. 387 Munhall, Pa. 15120 Mannington, WV 26582 RMITTED WORK: Drill __/ Convert __/ Drill deeper x / Redrill __/ Fracture or stitulate Plug off old formation / Perforate new formation / Other physical change in well (specify) July 6 OIL & GAS INSPECTOR FOR THIS WURK: SEMIT ISSUED ON ___, 19_**78**_ F APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR Name William Blosser REWORKING. VERBAL PERMISSION OBTAINED Address Colfax, W. Va. HOLOGICAL TARGET FORMATION: Balltown Depth _____ 3760 Depth of completed well, 2740 feet Rotary / Cable Tools X Water strata depth: Fresh, ____feet; salt, ___feet. Is coal being mined in the area? Coal seam depths: Work was commenced June 21 , 19 78 , and completed Could not complete, 19 SING AND TUBING PROGRAM SING OR SPECIFICATIONS FOOTAGE INTERVALS CEMENT FILL-UP INCHERS Size Grade per ft New Used For drilling Left in well OR SACKS Commenced drilling deeper at 2935'. Kin<u>ds</u> nauctor Could not complete. esh water Step Expanding Lost tools at 3200'. Sizes 3"x6-1/2" Cut loose at 3174'. ionmediato Plugged back to 2740 nduction Destho set 1889'6" 3.5" J55 9.20 ting 2741 2741 nerz. Forfimet not 2651 2661 FEB - 8 1980 1890 1900 PN FLOW DATA OIL & GAS DIVISION 2651-2661 Gordon Stray, Big Injun DEPT. OF MINES 1890-1900 Timble of the fliw, Time of open flow between initial and final terrs, 72 mount Structure of the State, 64# . str (curtace measurement) after _____ hours ohur tr [2] and Challe in the mality to more that the e--Section to be live from the co _____inv = white Final ten firm, Matta Final open flow, _____mt./a Time of ones flow between initial and final tests, which source Transfer of personal perfect of the conference of the first term in the few parts of the first f

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

Date: Jan. 21 . 180

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1890 - 1900

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(Attach beparate sheets

CHENEGIE NACURAL S

requisition to 1 for provides and follows:

"The term 'ligh' or 'well log' of rean a systematic, detailed 'oria' record of all formations, lading oral, encourrered in the o**lling of a** well."



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

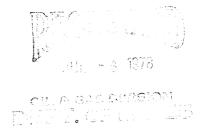
Quadra	ngle_	<u>Clarksburg</u>	Ш
Permit	No/	Harrow 457	7

Rotary	Oil
CableX	Gas_Y
Recycling	Comb
Water Flood	
Disposal	(1/-1)

Permit No/Hawno 457				Water Floo Disposal	Storage(Kind)
Company Carnegie Natural Cas Co	onnany.	Casing and	Used in	Left	Camant Fill um
Address 3904 Main St., Munhall, F	Pa. 15120	Tubing	Drilling	in Well	Cement fill up Cu. ft. (Sks.)
Farm J. O. Martin Ac	cres 5½		Dining	111 44 611	Cu. 11. (3xs.)
Location (waters) Little Bingamon Cr	reek	Size			
	ev	20-16			
District Lincoln County Mar	ion	Cond.			
The surface of tract is owned in fee by Ma	rilvn	13-10" 10"	491	491	1
Miller	-	9 5/8			1
Address Rt. #2, Box 392, Manningt	on, W.26582	8 5/8	1485	pulled	1
Mineral rights are owned by Marie Marti	n,Atty-in-f	a č t.	1836	1836	1
ary L. & J. O. Martin Heirs, Ne	gleg, Ship	5 1/2			1
Orilling Commenced Dec. 14, 1909		4 1/2		 	1
Orilling Completed Feb. 24, 1910		3	1900	1900	1
nitial open flowcu. ft	hhle	2	-500	1 200	1
Final productioncu. ft. per day_		Liners Used		 	†
Well openhrs. before test_				+	-}
Coal was encountered at 358-364, 4	53-463 Feet	72", 120"	Inche		
Fresh waterFe	et	72", 120" ————————————————————————————————————	Inche		_ Feet
resh waterFe roducing Sand_Big Injun, Cordon,	et 5th Sapo	Salt W. Depth	/ater1940'	, 2620',	2830'.
Fresh water Fe Froducing Sand Big Injun, Cordon, Formation Color Hard or Soft	et	Salt W	ater	, 2620',	_ Feet
Fresh water Fe Froducing Sand Big Injun, Gordon, Formation Color Hard or Soft Marleton Coal	Sth Sand Top Feet	Salt W. Depth	/ater1940'	, 2620',	
Fersh water Fe Fe Froducing Sand Big Injun, Gordon, Formation Color Hard or Soft Mapleton Coal Pittsburgh Coal	Top Feet 358 453	Salt W Depth Bottom Feet 364 463	/ater1940'	, 2620',	2830'.
Feresh waterFeroducing Sand Big Injun, Gordon, Formation Color Hard or Soft Mapleton Coal Pittsburgh Coal Little Dunkard	Top Feet 358 453 805	Salt W Depth Bottom Feet 364 463 815	/ater1940'	, 2620',	2830'.
Feresh waterFeroducing Sand_Big_Injun, Gordon, Formation Color Hard or Soft Mapleton Coal Pittsburgh Coal Little Dunkard Big_Funkard	Top Feet 358 453 805 950	Salt W Depth Bottom Feet 364 463 815 1050	/ater1940'	, 2620',	2830'.
Ference of the following stand of the following stand of the following stand of the following stands o	Top Feet 358 453 805 950 1200	Salt W Depth Bottom Feet 364 463 815 1050 1310	/ater1940'	, 2620',	2830'.
Fernation Color Hard or Soft Mapleton Coal Pittsburgh Coal Little Dunkard Big Funkard Cas Sand lst Salt Sand	Top Feet 358 453 805 950 1200 1450	Salt W Depth Bottom Feet 364 463 815 1050 1310 1550	/ater1940'	, 2620',	2830'.
Fernation Color Hard or Soft Marleton Coal Pittsburgh Coal Little Dunkard Big Funkard Gas Sand let Salt Sand 2nd Salt Sand	Top Feet 358 453 805 950 1200 1450 1575	Salt W Depth Bottom Feet 364 463 815 1050 1310 1550 1650	/ater1940'	, 2620',	2830'.
Ference water Ference	Top Feet 358 453 805 950 1200 1450	Salt W Depth Bottom Feet 364 463 815 1050 1310 1550 1650 1695	/ater1940'	, 2620',	2830'.
Ference water Ference	Top Feet 358 453 805 950 1200 1450 1575 1680	Salt W Depth Bottom Feet 364 463 815 1050 1310 1550 1650 1695 1755	/ater1940'	, 2620',	2830'.
Feroducing Sand Big Injun, Gordon, Formation Color Hard or Soft Mapleton Coal Pittsburgh Coal Little Dunkard Big Funkard Cas Sand let Salt Sand 2nd Salt Sand Maxton Sand Little Lime Pencil Save Big Lime	Top Feet 358 453 805 950 1200 1450 1575 1680 1738	Salt W Depth Bottom Feet 364 463 815 1050 1310 1550 1650 1695	/ater1940'	, 2620',	2830'.
Feroducing Sand Big Injun, Gordon, Formation Color Hard or Soft Mapleton Coal Pittsburgh Coal Little Dunkard Big Funkard Cas Sand let Salt Sand 2nd Salt Sand Maxton Sand Little Lime Pencil Save Big Injun	Top Feet 358 453 805 950 1200 1450 1575 1680 1738 1755	Salt W Depth Bottom Feet 364 463 815 1050 1310 1550 1650 1695 1755 1760	Oil, Gas o	, 2620', r Water	2830'.
Feroducing Sand Big Injun, Cordon, Formation Color Hard or Soft Marleten Coal Pittsburgh Coal Little Dunkard Big Funkard Cas Sand let Salt Sand And Salt Sand Little Lime Fencil Save Big Lime Big Injun Equaw	Top Feet 358 453 805 950 1200 1450 1575 1680 1738 1755 1760 1840 1960	Salt W Depth Bottom Feet 364 463 815 1050 1310 1550 1650 1695 1755 1760 1840	/ater1940'	, 2620', r Water	2830'.
Feresh water	Top Feet 358 453 805 950 1200 1450 1575 1680 1738 1755 1760 1840 1960 2370	Salt W Depth 364 463 815 1050 1310 1550 1650 1655 1755 1760 1840 1950 1975 2455	Oil, Gas o	, 2620', r Water	2830'.
Feresh water	Top Feet 358 453 805 950 1200 1450 1575 1680 1738 1755 1760 1840 1960 2370 2485	Salt W Depth Bottom Feet 364 463 815 1050 1310 1550 1650 1650 1655 1755 1760 1840 1950 1975 2455 2500	Oil, Gas o	, 2620', r Water	2830'.
Feroducing Sand Big Injun, Gordon, Formation Color Hard or Soft Mapleton Coal Pittsburgh Coal Little Dunkard Big Funkard Big Funkard Cas Sand let Salt Sand 2nd Salt Sand Maxton Sand Little Lime Fencil Save Big Injun Equaw 50 Foot Sand Gordon Stray	Top Feet 358 453 805 950 1200 1450 1575 1680 1738 1755 1760 1840 1960 2370 2485 2615	Salt W Depth Bottom Feet 364 463 815 1050 1370 1550 1650 1695 1755 1760 1840 1950 1975 2455 2500 2625	Oil, Gas o	, 2620', r Water	2830'.
Fersh water	Top Feet 358 453 805 950 1200 1450 1575 1680 1738 1755 1760 1840 1960 2370 2485 2615 2686	Salt W Depth Bottom Feet 364 463 815 1050 1370 1550 1650 1695 1755 1760 1840 1950 1975 2455 2500 2625 2700	Oil, Gas o Gas at	, 2620°, r Water	2830'.
Fersh water	Top Feet 358 453 805 950 1200 1450 1575 1680 1738 1755 1760 1840 1960 2370 2485 2615	Salt W Depth Bottom Feet 364 463 815 1050 1370 1550 1650 1695 1755 1760 1840 1950 1975 2455 2500 2625	Oil, Gas o	, 2620°, r Water	2830'.
Fersh water	Top Feet 358 453 805 950 1200 1450 1575 1680 1738 1755 1760 1840 1960 2370 2485 2615 2686	Salt W Depth Bottom Feet 364 463 815 1050 1370 1550 1650 1695 1755 1760 1840 1950 1975 2455 2500 2625 2700	Oil, Gas o Gas at	, 2620°, r Water	2830'.
Feresh water	Top Feet 358 453 805 950 1200 1450 1575 1680 1738 1755 1760 1840 1960 2370 2485 2615 2686	Salt W Depth Bottom Feet 364 463 815 1050 1310 1550 1650 1695 1755 1760 1840 1950 1975 2455 2500 2625 2700 2840	Oil, Gas o Gas at	, 2620°, r Water	2830'.
Fersh water	Top Feet 358 453 805 950 1200 1450 1575 1680 1738 1755 1760 1840 1960 2370 2485 2615 2686	Salt W Depth Bottom Feet 364 463 815 1050 1310 1550 1650 1695 1755 1760 1840 1950 1975 2455 2500 2625 2700 2840	Oil, Gas o Gas at	, 2620°, r Water	2830'.

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Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	,
Charleston, W. Vs.	DATE June 30, 1978
Surface Owner	Company Carnegie Natural Gas Company
Address Rt. #2, Box 392, Mannington, WV 26582	
Mineral Owner Marie Martin oatty in fact for	Farm Mary L. & J. O. Martin Acres 51
Address Negley, Ohio 44411	Location (waters) Little Bingamon Creek
Coal Owner	3184
	District Lincoln County Marion
Address Consolidation Coal Co	
Coal Operator Consolidation Coal Co. Morgantown, WV 26505	Quadrangle
Address	
THIS PERMIT MUST BE POSTED AT THE WELL SITE	
	NSPECTOR D BE NOTIFIED Wm. Blosser
operations have not commenced by 11-21-78 . AI	DDRESS Colfax, W. Va.
Growing Pi	
Deputy Director - Oil & Gas Division	HONE <u>Fairmont -</u> 363-9105
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 grant or lease de	ated by by
J. O. Martin made to Dora B. Hardesty	
19 12, in Marion County, Book 186	
NEW WELL DRILL DEEPER	REDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED	BEFORE JUNE 5, 1969.
	·
The enclosed plat was prepared by a registered engineer of have been notified as of the above date.	r licensed land surveyor and all coal owners and/or operators
have been nothled as of the above date.	
The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or fi	notified that any objection they wish to make, or are required led with the Department of Mines within ten (10) days. *
Conies 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 Dep	eartment of Mines at Charleston, West Virginia.
	Van tala
PLEASE SUBMIT COPIES OF ALL	Very truly yours, CARNEGIE NATURAL GAS COMPANY
GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Name) James C. Stephenson
Oldfill Loop Pinzelli IV	Well Operator Div. Supt.
WEST VIRGINIA GEOLOGICAL AND	2904 Main St.
ECONOMIC SURVEY Address	Street
P. O. BOX 879	Munhall
MORGANTOWN, WEST VIRGINIA 26505 Well Opera	City or Town
AC-304 - 292-6331	·
	Pennsylvania 15120
	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.

MAR - 457-DD PERMIT NUMBER

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	,	RESPONSIBLE AGENT	
NAME Carnegie Natural	Gas Company	NAME J. C. Ste	er No. 387, Mannington, W
ADDRESS PO Drawer No. 387		ADDRESS	1-986-2060
TELEPHONE 304-986-206			
ESTIMATED DEPTH OF COMPL		ROTARY	CABLE TOOLS XX
PROPOSED GEOLOGICAL FORM			
TYPE OF WELL: OIL_			E DISPOSAL
·	RECYCLING	WATER FL	LOODOTHER
TENTATIVE CASING PROGRAM			
CASING AND TUBING	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
SIZE			OR SACKS - CODIC 17.
		4	
Q _ 5/8			
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7 5 1/2		**	
, xx, 3.50°	3760'	3760'	800,
And the state of t		i in	Perf. Top
3			Perf. Bottom
Liners			Perf. Top
,			Perf. Bottom
•			
APPROXIMATE FRESH WATER APPROXIMATE COAL DEPTHS	358-364, 453-463		RFEET
IS COAL BEING MINED IN THE	E AREA?	BY WHOM?	Consolidation Coal Co.
OF PLAT. TO DRILL DEEPER OR REDRIL SUBMIT FIVE (5) COPIES (WELLS DRILLED PRIOR T MUST ALSO BE SUBMITTE TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF	L: DF OG - 1, SHOWING ORIGINA TO 1929, A PERMANENT COP ED. RIGINALLY DRILLED BEFORE	AL PERMIT NUMBER A Y OF THE PLAT AND E JUNE 5, 1929, FIVE (5	BOND AND PERMANENT COPY AND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD C) COPIES OG - 1, PERFORMANCE
OIL AND/OR GAS WELL O	AND ORIGINAL WELL RECO RIGINALLY DRILLED ON AND MBER,AND PERFORMANCE B	OOR AFTER JUNE 5, 19	929, FIVE COPIES OG - 1, SHOW-
Required forms must be filed four (24) hours in advance.	d within ninety (90) days of cor	mpletion for bond release	e. Inspector to be notified twenty-
The following waiver must lathereof.	oe completed by the coal opera	tor if the permit is to b	e issued within ten days of receipt
	nt fored and place on our mine map		er or Operator of the coal under
	_		well being drilled at this location, d 7, Chapter 22 of the West Virginia
			For Coal Company
			* * *:

Official Title