

3,300

(Rev 8-81)

RECEIVED

FEB 2 4 1983 State of Mest Wirginia

Bepartment of Mines Gil und Gas Zivision

	Dec. 16, 1981
Operator	
Well No.	3-1853
Farm	John Mills
APT No.	17 = 4.00

WELL OPERATOR'S REPORT

WEIL TYPE: Coi	OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE				
Tracy ADDRESS FO Bax 173 Manual Permit Sure Address State Address Ad	A STATE OF THE STA			<u> CIPITOD</u>	
District: Green County Wetzel Quadrangle Pine Grove 7.5 COMPANY Carnegie Natural Gas Company ADDRESS 800 Regis Avenue, Pittsburgh, Pa.15236 DESIGNATED AGENT J. C. Stephenson Tubing Drilling in Well Cu. ft. ADDRESS PO Drawer No. 387, Mannington, WV 26582 SURFACE CANER Lewis Wetzel Public Hunting Area ADDRESS State of WV, Charleston, WV 25305 MINERAL RIGHIS CONNER Mills-Wetzel Land, Inc. C/O Elston Bank & Trust Co. ADDRESS Drawfordville, Indiana 47933 OIL AND GAS INSPECTOR FOR THIS WORK Phillip I. Tracy ADDRESS FO Box 173 Middlebourne, WW 26149 PERMIT ISSUED May 27, 1981 DRILLING COMPENCED July 15, 1981 DRILLING COMPENCED July 15, 1981 DRILLING COMPENCED July 21, 1981 OR APPLICABLE: PLUCGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REMORKING. VERBAL PERMISSION OBTAINED Depth of completed well 4512 feet Rotary X / Cable Tools Water strata depth: Fresh feet; Salt feet Coal seam depths: Is coal being mined in the area? OPEN FLOW DATA Warren and Fourth Sands Co-mingled 30 foot, 50 foot, and Berea Sands 2954-3212 Producing formation Big Injun Sand Pay zone depth/2462-2554 feet Gas: Initial open flow 41.5 Mcf/d Oil: Initial open flow 1/2 Ebb/d Time of open flow 41.5 Mcf/d Oil: Initial open flow 1/2 Ebb/d Time of open flow between initial and final tests hours Static rock pressure psig (surface measurement) after hours shut in (1f applicable due to multiple completion) Second producing formation Pay zone depth feet	WELL TYPE: Oil X Gas / Liquid Injection (If "Gas," Production / Undergrou	/ Wast	e Disposa e/ Deep	1/ p/ Sha	/)
COMPANY Carnegie Natural Gas Company ADDRESS 800 Regis Avenue, Pittsburgh, Pa.15236 Caging Used in Left fill up Tubing Drilling in Well Co. ft. ADDRESS PO Drawer No. 387, Mannington, NV 26582 SURFACE OWNER Lewis Wetzel Public Hunting Area ADDRESS State of WV, Charleston, WV 25305 MINERAL RIGHIS OWNER Mills-Wetzel Land, Inc. (20 Elston Bank & Tubit Co. ADDRESS Drawfordville, Indiana 47933 OIL AND GAS INSPECTOR FOR THIS WORK Phillip I. Tracy ADDRESS Holdsburne, WV 26149 PERMIT ISSUED May 27, 1981 DRILLING COMMENCED July 15, 1981 DRILLING COMMENCED July 15, 1981 DRILLING COMMENCED July 21, 1981 IF APPLICABLE: PIUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR EMPORKING. WERBAL PERMISSION OBTAINED ON GEOLOGICAL TARGET FORMATION Devonian Shale Depth 4500 feet Compinged 30 foot, 50 foot, and Berea Sands 2954-3212 Producing formation Big Injun Sand Pay zone depth/262-2554 feet Gas: Initial open flow 15m Mcf/d Final open flow 16m Mcf/d Final open flow 15m Mcf/d Final open flow 15m Mcf/d Final open flow 10m Mcf/d Final open	IOCATION: Elevation: 1372 Watershed	Fishi	ng Creek		
ADDRESS 800 Regis Avenue, Pittsburgh, Pa.15236 DESIGNATED AGENT J. C. Stephenson ADDRESS PO Drawer No. 387, Mannington, WV 26582 SURFACE CAMER Lewis Wetzel Public Hunting Area ADDRESS State of WV, Charleston, WV 25305 MINERAL RIGHTS CWMER Mills-Wetzel Land, Inc. c/o Elston Bank & Trust CO. ADDRESS Drawfordville, Indiana 47933 OIL AND GAS INSPECTOR FOR THIS WORK Phillip L. Tracy ADDRESS PO Box 173 MINISTAL RIGHTS CWMER MILLS-Wetzel Land, Inc. c/o Elston Bank & Trust CO. ADDRESS Drawfordville, Indiana 47933 OIL AND GAS INSPECTOR FOR THIS WORK Phillip L. Tracy ADDRESS PO Box 173 MINISTAL RIGHTS CWMER MILLS-Wetzel Land, Inc. c/o Elston Bank & Trust CO. ADDRESS Drawfordville, Indiana 47933 OIL AND GAS INSPECTOR FOR THIS WORK Phillip L. Tracy ADDRESS PO Box 173 MINISTAL RIGHTS CWMER MILLS PERMITS NOT THE WORK Phillip L. Tracy ADDRESS PO Box 173 MINISTAL RIGHTS FOR THIS WORK Phillip L. Tracy ADDRESS PO Box 173 MINISTAL RIGHTS FOR THIS WORK Phillip L. Tracy ADDRESS PO Box 173 MINISTAL RIGHTS FOR THIS WORK Phillip L. Tracy ADDRESS PO Box 173 MINISTAL RIGHTS FOR THIS WORK Phillip L. Tracy ADDRESS PO Box 173 MINISTAL RIGHTS CWMER MILLS PERMITS NOT THE WORK Phillip L. Tracy ADDRESS PO Box 173 MINISTAL RIGHTS CWMER MILLS PO BOX 173 MINISTAL RIGHTS CWMER MILL	District: Green County Wet	zel	Quadrangl	e Pine	Grove 7.5
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Second producing formation Pay zone depth feet			<u> </u>		15 3.100 11.
			zone den	th	fee+
BD1/U					
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

FORM IV-35 (PEVERSE)

John Mills Well No. 3-1853 - Permit No. 47-103-1235

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

Filled back to 3969' 475

אים נאיף 3386-3912 - 15 holes. Perforations: 1st Stage:

Warren and Fourth Sands 2nd Stage: 8 2954-3212 30 17 holes. 30 Foot, 50 Foot, and Berea Sands

3rd Stage: 2462-2554 - 26 holes. Big Injun Sand

Fractured: August 31, 1981

1ST STAGE

500 Gals. HCL 15% Acid 20,000# 80/100 Sand

40,000# 20/40 Sand 479 Bbls. Water

2ND STAGE

500 Gals. HCL 15% Acid

20,000# 80/100 Sand 40,000# 20/40 Sand

498 Bbls. Water

3RD STAGE

500 Gals. HCL 15% Acid

20,000# 80/100 Sand 40,000# 20/40 Sand 487 Bbls. Water

WELL LOG

		•	-
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all freshand salt water, coal, oil and ga
Shale Brown & Gray	0	50	
Sand Gray	50	138	
Shale Gray	138	165	
Red Rock Red	165	175	
Shale Gray	175	210	·
Red Rock Red	210	215	•
Shale Gray	215	230	
Sand Gray	230	350	
Red Rock Red	35 0	360	
Shale Gray	36 0 .	846	
Sandy Shale Gray	846	915	
Sand Gray	915	960	·
Sandy Shale. Gray	96 0	1070	
Sand Gray	1070	1090	
Shale Gray	1090	1680	•
Lime Whitish	1680	1715	
Shale Black	1715	1722	
Shale Gray	1722	1970	
Sand Gray	1970	2020	·
Shale Gray	2020	2045	
Sand White	2045	2135	
Shale Black & Gray	2135	2320	
Big Lime Pinkish White	2320	2415	
Big Injun White	2415	2580	
Shale Gray	2580	2630	
Sand Gray	2630	- 2655	
Shale Gray	2655	3190	
Sand Brown	3190	3210	
Shale Gray	3210	4290	
Sand Brown	4290	4310	
Shale Gray	4310	4512	
Total Depth Speechley (?)		4512	

(Attach separate sheets as necessary)

CARNEGIE NATURAL GAS COMPANY			
	perator		
By:	Kogn S. Kalun.		
Date:	2-2/-83		

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 and, encountered in the drilling of a well."





Oil and Gas Division

OIL & GAS DIVISION OIL AND GAS WELL PERMIT APPLICATION OF MINES

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATEMay 14, 1981
Surface Owner Lewis Wetzel Public Hunting Are	Carnedia Natural Cas Company
Address State of W. Va., Charleston, WV 25305	2004 Main Cr Monhall Do 15120
Millandahan Tana Tan	John Mills 5451
c/o Elston Bank & Trust Co.	FarmAcres
	Location (waters) Fishing Creek
Coal Owner not known	Well No. 3-1853 Elevation 1372
Address	District County Wetzel
Coal Operator none in area	Quadrangle Pine Grove 7.5
Address	
THIS PERMIT MUST BE POSTED AT THE WELL SITE	
	SPECTOR BE NOTIFIED Phillip L. Tracy
for Drilling . This permit shall expire if AD	DRESS PO Box 173, Middlebourne, WV 26149
operations have not commenced by 1-28-82	ONE 758-4573
GENT DEMIN Director - Oil & Gas Division	
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 da	ted April 12 xx1895 by John
made to	20. and recorded on the day of Page
· •	
	REDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED	BEFORE JUNE 5, 1969.
The enclosed plat was prepared by a registered engineer or have been notified as of the above date.	licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are hereby n to make by Section 3 of the Code, must be received by, or file	otified that any objection they wish to make, or are required ed with the Department of Mines within ten (10) days. *
Copies of this notice and the enclosed plat were mailed by ror coal owners at their above shown respective address	registered mail, or delivered to the above named coal operators
same day with the mailing or delivery of this copy to the Depa	ertment of Mines at Charleston, West Virginia.
DI PACE CIRMITE CODIEC OF ALL	ery truly yours, CARNEGIE NATURAL GAS COMPANY
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	Sign Name)
Contribution book birtholds 10.	Well Operator Div. Supt.
WEST VIRGINIA GEOLOGICAL AND	3904 Main Street
ECONOMIC SURVEY Address	
P. O. BOX 879 MOD CANTOLD LIFET WIDCINIA 26505 Well Operat	tor Munhall
MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331	City or Town
3.2 0002	Pennsylvania 15120
	State
*SECTION 3 If no objections are filed or found by the De notice and plat by the department of mines, to said proposed location, the filing of such plat, that no objections have been made by the coal ope and the well operator authorized to proceed.	partment of mines, within said period of ten days from the receipt of ne department shall forthwith issue to the well operator a permit reciting rators or found thereto by the department and that the same is approved
	47 - 103 - 1235 PERMIT NUMBER
"I have read and understand the reclamation requirements as set for	rth in
Chapter 22, Article 4, Section 12-b and will carry out the specified requirem	ents."
Signed by Ames C. Alphenson	

BLAMKET BOND

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

PROPOSED WORK ORDER TO		DEEPEN	FRACTURE-STIMULATE
DRILLING CONTRACTOR: (If K	iown)	RESPONSIBLE AGEN	TT:
NAME not known		NAME J. C. St	ephenson, Div. Supt.
ADDRESS			mer No. 387, Mannington, WV
TELEPHONE		TELEPHONE 304-	986-2060
ESTIMATED DEPTH OF COMPLET	'ED WELL: 4500	ROTARYX	CABLE TOOLS
PROPOSED GEOLOGICAL FORMA			•
TYPE OF WELL: OIL	GAS X CO	OMB STORAG	GE DISPOSAL
			LOODOTHER
TENTATIVE CASING PROGRAM:			
*CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10 11-3/4" 42# 9 - 5/8	31'		
8 - 5/8 24 #		2250'	To surface
5 ½			
4 ½ 10.50#		45001	2000'
3		4440	
2			Perf. Top Perf. Bottom
Liners			Perf. Top
			Perf. Bottom
OF PLAT. FO DRILL DEEPER OR REDRILL:		•	BOND AND PERMANNI COPY
SUBMIT FIVE (5) COPIES OF	OG - 1, SHOWING ORIGIN 1929, A PERMANENT COF	AL PERMIT NUMBER A PY OF THE PLAT AND	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD
TO FRACTURE - STIMULATE:			
	INALLY DRILLED BEFORE	E JUNE 5, 1929, FIVE (5)	COPIES OG - 1, PERFORMANCE
	INALLY DRILLED ON AND	OOR AFTER JUNE 5 10	29, FIVE COPIES OG - 1, SHOW-
Required forms must be filed wi four (24) hours in advance.	thin ninety (90) days of cor	mpletion for bond release	. Inspector to be notified twenty
			:
TIL 6 ''	•		
			issued within ten days of receipt
	nd place on our mine maps	s this proposed well loca	tion.
We theproviding operator has comp	Coal Company have blied with all rules and regula	ve no objections to said ve tions in Articles 4, 5, and	well being drilled at this location, 7, Chapter 22 of the West Vir
			or Coal Company
			·
			Official Title

11000