

IV-35 (Rev 8-81)

## State of Mest Birginia

Bepartment of Mines
Oil and Gas Bivision

Date_	Augus	t 12. 1	982					
Date August 12, 1982 Operator's								
Well No. One (1)								
Farm_	С.	Valenti	ne.					
API N	0. 47	- 085	ones -	5404				

### WELL OPERATOR'S REPORT

OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

(If "Gas," Production/ Undergro	ound Stora	ge/ Dee	1/ p/ Sha	allow/)
LOCATION: Elevation: 1,050 Watershed	Devilho	ole of Hugh	es River	19
District: Grant County Ri	tchie	Quadrangl	e Cair	0 7.5'
COMPANY PANTHER FUEL COMPANY				
ADDRESS P. O. Box 850, Bridgeport, WV 26330	Casing	Used in	7 - 54	Cement
DESIGNATED AGENT DONNALLY VILLERS	Caşing Tubing	-1		fill up
ADDRESS_P. O. Box 647, Weston, WV 26452	Size	Drilling	nu well	Cu. ft.
SURFACE OWNER Lawrence Morton	20-16			
ADDRESS Rt. #1, Box 237, Harrisville, WV	Cond.			
MINERAL RIGHTS OWNER Clifton Valentine	13-10"			
ADDRESS_North Royalton, Ohio	9 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK Doe	8 5/8	1,095	1.095	to surface
Mace ADDRESS Sandridge, WV	7			
PERMIT ISSUED December 1, 1981	5 1/2			
DRILLING COMMENCED January 3, 1982	4 1/2		4,611	
DRILLING COMPLETED January 24, 1982	3			
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2			
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used		with the specific and the state of the specific constitutions in	
			_	
GEOLOGICAL TARGET FORMATION Braillier Shale				feet
Depth of completed well 4,180 feet			Tools_	
Water strata depth: Fresh 85 feet;				
Coal seam depths:	Is coal	being mine	d in the	area?
OPEN FLOW DATA				
Producing formation Brailier Shale	Pay	zone dept	h4	180 feet
Gas: Initial open flow Show Mcf/d				
Final open flow 50 Mcf/d				
Time of open flow between init				
Static rock pressure 640 psig(surface				
(If applicable due to multiple completion		zone dent	h	feet
(If applicable due to multiple completion Second producing formation	Pav			- CC
Second producing formation	Pay Oil: Ini	tial open	flow	Ph1 /3
Second producing formation	Oil: Ini	tial open	flow	Bbl/d
Second producing formation	Oil: Ini	tial open al open fl	flow	Bbl/d Bbl/d

(PEVERSE)

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

Halliburton . 1,018,000 N<sub>2</sub> 6 High Volume

#### WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Soil	-0-	. 80	and gas
Big Lime	1,870	1,990	
Big Injun	1,990	2,112	· Gas
Gordon Sand	2,713	2,782	Gas
Fifth Sand	2,856	2,868	Gas & Oil
Warren Sand	3,000	3,280	Gas & Oil
Braillier Shale	3,540	4,190	Gas & Oil
Shale	4,190	4,656	TD Huron @ TA
			4656 2500 ~ Beres 2156
			<b>4</b>

(Attach separate sheets as necessary)

Vice President

ote: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including including of a well."



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Fa	rm	)	Carried Company of the Company of th		Address of the same of the sam	A COLUMN TO SERVICE AND ADDRESS OF THE PARTY	the contract of the contract o	entra meneral della
AP	9	147	- 085	***	5404	Andrew Williams Control of the Contr	and the same of	Officer representative and the second
Da	t e							

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

# The spaining

WELL TYPE: 011 / Gas /	PERMIT APPLICATION
WELL TYPE: Oil // Gas //	
Explored Contract Con	
(If "Gas", Production // Unc	derground storage / Deep / Shallow /
LOCATION: Elevation: PD INTER 1080' Waterst District: Grant County:	ned: Devilhole Creek
그러나 얼마나 사람들은 사람들이 얼마나 가장 얼마나 나를 하는 것이 되었다.	Ritchis Quadrangle: Cairo 7.5'
WELL OPERATOR PANTHER FUEL COMPANY. Address P.O. BOX 245	DESIGNATED AGENT DONNAlly Villers Address P.O. Box 647
OIL AND GAS	WESTON, W. Va. 26452
ROYALIY OWNER CliFTON Valentine	COAL OPERATOR
Address 4459 EDGERTON Rd.	Address
N. Royalton Ohio 44133	
Acronge 75 1/2	COAL DIMED (C)
SURFACE OWNER LAWRENCE MORTON	COAL OWNER(S) WITH DECLARATION ON RECORD:
Address Pt. 1 Po. Box 237	Address
According to the state of the s	
Acreage 75/8	NAME Address
FIELD SALE (IF MADE) TO:	Audi C22
Address	COAL LESSEE WITH DECLARATION ON RECORD:
	NAME
OIL AND GAS INSPECTOR TO BE NOTIFIED:	Address
A STATE OF THE PROPERTY OF THE	
NAME	
Address	To the Control of t
Telephone	
	man and a man and a a man and a man and
en e	
The undersigned well operator is enti- above location under a deed / lease / to the undersigned well operator from	tled to operate for oil or gas purposes at the other contract / dated, 19,
above location under a deed / lease /	other contract / dated , 19 ,
to the undersigned well operator from	other contract / dated, 19,  s been recorded:)
to the undersigned well operator from  (If said deed, lease, or other contract has  Recorded on 10-4-, 1981, in the o  Ritchis County, West Virginia, in  requested as follows:	other contract / dated, 19,  s been recorded:)  ffice of the Clerk of County Commission of
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Revised 3-81)

## PROPOSED WORK ORDER

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

WILLING CO	VTRACT	OR (IF	KNOWN) <u>E</u>	ASTE	EM	Overti	brust	Drilling 7	
		A	ddress	Bri	154	Fork	der frankskritiskritiskritiskritiskritiskritiskritiskritiskritiskritiskritiskritiskritiskritiskritiskritiskrit I	destrudent destributes -t	·NC.
					/	, W.		Millione (School Protect of School Protect of Sc	
OLOGICAL Estimates Approxima Approxima Is coal	depti ate wa ate co	h of co ter str al seam	npleted ata dept depths:	Arc well_ hs:	<u>8 9 / 8</u> 5 9 5 Fresh,	15 S	6a/e	ry / Cabl	e tools/_feet.
ASING AND	TUBING								
ASING OR UBING TYPE	Size		CIFICATI Weight  per ft	-		For Dril	INTERVALS - Left in Well	CEMENT FILL- UP OR SACKS Cubic ft.	PACKERS
onductor resh water	113/4					3	761	CODIC I C.	Kinds
pa! water	1								
itermed.	85/8		20			1000		240	Sizes
oduction ubing	9/2		10.5			5950		AS NEEDED	Depths set
iners									Perforations:
·	-			-					Top Bottom
				1	1			E	
requi #22-4 posed A sep where This PERMIT All provisions of the W. V	red by -8a fr well. arate fract t and MUST a. Code, ling	Form IV ruring cois note BE FOSTE The location This	22-4-120 owner of 2-2 shall or stimul od as suc D AT THE on is hereby s permit sha	not lating th on WELL S approv	l (v) : water  be rec  is to the Fo	if applic well or quired fo o be part	able, the dwelling a r fractur of the w	consent requ within 200 fe ing or stimul	me well, the fee wired by Code eet of the pro- lating a well h a permit is herewith.
or co is to e undersign cation has ea of the	be is pred consequently be a second to be a second	ssee who ssued with the complication complication	thin fij	fteen  / ow sed w ell l	d a de (15) WAL  ner ell lo ocatio ropose pplica	claration days of r VER Vessee cation. on has been	under Coreceipt the formula of the mine added to the done at the formula of the f	de \$22-4-20, ereof:  the coal und map exists to the mine map is location,	any coal owner if the permit  ler this well which covers the map. The under- provided the dirginia Code and