

PORM IV-35 (Obverse)

WELL OPERATOR'S REPORT 14

Operator's

Daters February 7 , 1980

Well No. A-861

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Address	F 		P. G. BOX 1	1740	191		Address _	P. C		
	WATERPRINADAM - No. (MARCO)	GLARKS	BURG, W.	VA. 20	3VI.		NA.	CLARKSBUR	G, W. VII. /	0.301
PERMITTED WO	RK: D	rill :	k / Co	nvert	/ Drill (deeper	/ Fedr	511/ Fra	cture or s	timulate
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PERMIT ISSU	ED ON	Dea	r amh a r	~ y	19 70	011	LA GAS INS	PECTOR FOR THI	· WORK:	
(IF APPLICA								Paul Garret		
			ION FROM PERMISS					321 Beech S		
			, 19					Clarksburg,		
GEOLOGICAL	TARGET	FORMAT	ION:		Weir	terrina austra filmiddiaenn massagener erin mon scholas	generation black contributions conjugated in a post or to generate dependence according	Depth	2400	ree:
								able Tools		
Water	strata	depth:	Fresh	>	_feet; sa	ılt,	feet.			
Coal s	eam der	oths: _			Is coa	il being	g mined in	the area?		
Work w	aș comm	menced	Dece	mber	<u>31</u> , 19 79	, and	i completed	Janua	ry 8.	. 9 80
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Coal						Otton debrokanter MANARA kumanda (* - mana napragaga)	DE PROFESSIONE SCHOOL SCHOOL BOARD SEALER SCHOOL SC		Cireo	agina a seo-riverso reliquipmente a la rivolossimiente del restiminación reservado que con individad efición de
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OPEN FLOW D	ATA							L & GAS DIVISION		
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				400	Accounts accounts and account account accounts and account ac	013	l: Initial	open flow,		
					131 No 673			pen flow,		
					Contraction of the Contraction o			ts, hour		
S	tatie 1	ock or	essure.	1325/	b osir (surf	ace mea	surement)	after 36 ho	ant chut i	<u>.</u>
[If ap	plicabi	le due	to multi	iple con	mpletion-1	veh -	for this	septh - e tro	in diese	KIQ 9/2/195
					andryklider (Minis nos GrANRAMANA Ministra sydnifika sils dan dagara milistra ayyan ka	or man blackers don over a conferencial and a finite delicated (40).		Pay zone dept		

Gas: Initial open flow, Mcf/d Oil: Initial open flow, 80. 3

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

Time of open flow between initial and final tests, _____ hours

Final open flow, Mcf/d

Final open flow, ______Bod/d

[08-78]

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, THYSICAL CHANGE, STO.

Well was fractured January 16, 1980 by Dowell.

Perforations: 2144 - 2154 - 7 holes

2200 - 2204 - 4

2228 = 22341 = 4

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Botton Reet	Remarks Including indication of all freshand sait water, Joal, cil and as
Soil Sand & Shale Shale Salt Sand Sand & Shale Sand Sand & Shale Big Lime Injun Sand Sand & Shale Weir Sand Shale			0 10 409 1155 1212 1334 1361 -1820 1900 1949 2144 2261	10 409 1155 1212 1334 1361 1820 1900 1949 2144 2261 2500 2500	Driller
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	distribution of the second of	salucionilo un harmonilo de la compa	d), red in entire enter en	decontrol and the second	
	· constraint and cons		professional profe	erredungossoon	

(Attach separate sheets to complete as necessary,

Allegheny Land & Mineral Company
Well Operator

By Claron Dawson

Its Supt.

WOTE: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geologial record of all formations, including coal, encountered in the drilling of a well."

	THIS PERMIT MUST BE POSTED AT THE WELL SITE	et e
	All provisions being in grand	Date: <u>December 7</u> , 19 79
	of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if	Cperator's Well No. A-861
	operations have not commenced by 8-17-80	API Well No. 47 -017 - 2549
	Deputy Director - Cale Gas Division	State Co. Permit
	STATE OF WEST V DEPARTMENT OF MINES, OIL	AND GAS DIVISION LEG 1 3 1979
	OIL AND GAS WELL PERMI	T APPLICATION OF S. G
•	WELL TYPE: Oil/ Gas _XX / (If "Gas", Production/ unde	rground storage
	LOCATION: Elevation: 1011 Watershed: Southwest County: Doddr	idge Quadrangle: Oxford 7.5
	WELL OPERATOR ALLEGHENY LAND & MINERAL CO. Des Address P.O. Box_1740 Ad	ignated AgentALLEGHENY LAND & MINERAL CO. dress: P.O. BOX 1740
	CLARKSBURG, W 26301	CLARKSBURG, WV 26301
	OIL & GAS ROYALTY OWNER <u>Hayward Gray</u>	COAL OPERATOR
	Address Box 252 Ellenboro, WV 26364	address
	Acreage 318.23	Coal Owner(s) With Declaration On Record:
	SURFACE OWNER Richard Crofford Address Route 1. Box 93	NAME Hayward Gray Address Box 252
	West Union WV 26456	Ellenboro, WV 26364
	Acreage 94 out of 318.23 FIELD SALE (IF MADE) TO:	NAME Address
	Name Consolidated Gas Supply Cor	
	Address <u>445 West Main Street</u> Clarksburg, WV 26301	COAL LESSEE WITH DECLARATION ON RECORD:
• •	OIL & GAS INSPECTOR TO BE NOTIFIED	NAMEAddress
	Name Paul Garrett Address 321 Beech Street	
	Clarksburg, WV 26301	
Leas	The undersigned well operator is entitled the above location under a deed / leas dated August 1 , 19 07 , to the unders unto Hope Natural Gas Company, subsequent November 15, 1971. Rec. B-60, P-84 Recorded on January 26 1912 , in the office of Doddridge County, West Virginia	e XX / other contract / igned well operator from D.W. & M. E. Gray tly unto A. L. & M. by assignment dated of the Clerk of the County Commission
	. A permit is requested as follows:	
	PROPOSED WORK: Drill XX /DRILL DEEPER PLUG OFF OLD FOR other physical change in	/ REDRILL / FRACTURE OR STIMULATE MATION / Perforate new formation / well (specify)
	planned as shown on the	e work order on the reverse side hereof.
	must be filed with the Department of Mines with of this Application by the Department.	in fifteen (15) days after the receipt
×	have been mailed by registered mail or delivered operator, coal owner(s), and Coal lessee on or 1	before the day of the mailing or
	delivery of this Permit Application to the Departure Virginia.	rtment of Mines at Charleston, West
	PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO	ALLEGHENY LAND & MINERAL COMPANY
	WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION	Operator Operator
	1615 WASHINGTON STREET EAST CHARLESTON, WV 25311	Glen E. Watkins, Manager
:	TELEPHONE: (304) 348-3092	Land, Lease & Right of Way

PROPOSED WORK ORDER THIS IS AN ESTIMATE. ONLY:

ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONT	TRACTOR		ress \overline{P} .	0. B	OX 40	G COMPANY EST VIRGINIA	26201				
Approxima	d depth ate wate ate coa	of co er str l seam	mpleted wata depth depths:	vell, us:	Fresh,	77 feet; :	otary XX / Cal salt, feeting mined in the		_/		
CASING AND TO CASING OR TUBING TYPE		SPECI	FICATIONS Weight				GE INTERVALS	CEMENT FILL OR SACKS			
Conductor	SIZE	GRADE	Per ft.	New	Used X	For drilling 20'	left in well 20'	(cubic ft.) cement to surface	Packers kinds		
Fresh Water	8-5/8	1									
Coal	8-5/8	•	20#	х		350'	3501	cement to surface	sizes		
Intermediate				- Constitution							
Production	412"	e de la companya de l	J 55 10.50#	X		24001	2400 1	cement to 300' above producing horizon	i —		
Tubing	of Designation of States				er and market distribution	2					
Liners		The state of the s						Tor	perfor- ations:		
		-									
copie in the by Re (iii) S 22- fee n Code the n	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 S 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code S 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code S 22-4-12a, and (v) if applicable, the consent required by Code S 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.										
	or coal	lesse	e who has	rec teen	orded a	declaration was declaration was declarated to the declaration with the declaration was declarated to the declar	the coal opera under Code S 2 t thereof:	ator and by 2-4-20, if t	 any he		
this well 1 which cover mine map. location, p	ocation s the a The und rovided	has erea of ersign, the	examined to the well ned has no well open	this loop obj	propositation, jection contaction	owner / le ed well locati the well loca to the work p	ssee / of ton. If a mine tion has been proposed to be ll applicable	map exists added to the done at this	er.		

Date: _____19____