

CLARKSBURG , WEST VIRGINIA 26301

November 21, 1979 STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION Operator's FORM IV-35 A-851 Well No. (Obverse) WELL OPERATOR'S REPORT 47 - 017 - 2493 State County Permit API Wel No. [08-78] DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE WELL TYPE: Oil X / Gas / Liquid Injection / Waste Disposal / (If "Gas", Production / Underground storage / Deep / Shallow X /) LOCATION: Elevation: 1083! Watershed: Sugar Run District: Southwest County: Doddridge Quadrangle: Oxford 7.5' WELL OPERATOR ALLEGHENY LAND & MINERAL CO. DESIGNATED AGENT ALLEGHENY LAND & MINERAL CO. P. O. BOX 1740 Address P. 0. BOX 1740 CLARKSBURG, W. VA. 25301 CLARKSBURG, W. VA. 26301 PERMITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Redrill ___ / Traction Plug off old formation___/ Perforate new formation____ DEC - 3 1979 Other physical change in well (specify) ____ OIL & GAS DIVISION OIL & GAS INSPECTOR FOR THE PARK OF MINES September 27, 19 79 PERMIT ISSUED ON Name Paul Garrett (IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR Address 321 Beech Street REWORKING. VERBAL PERMISSION OBTAINED Clarksburg, WV 26301 GEOLOGICAL TARGET FORMATION: Weir Depth <u>2450</u> **Seet** Depth of completed well, 2578 feet Rotary x / Cable Tools ____ Water strata depth: Fresh, 980 feet; salt, feet. Coal seam depths: _____ Is coal being mined in the area? _ Work was commenced <u>October 11</u>, 19 79, and completed <u>October 24</u>, 19 79 CASING AND TUBING PROGRAM FOOTAGE INTERVALS CEMENT FILL-UP OR SACKS PACKERS SPECIFICATIONS CASING OR TUBING TYPE Weight | Grade per ft New Used For drilling Left in well Kinds Conductor 8-5/8" 1901 Cemented to surface Fresh water 4901 Coal Intermediate 8.8 #Dept 1658# 24081 24081 Production X Tubing Liners To Bottom

OPEN FLOW DATA Producing formation <u>Injun</u> _____ Pay zone depth 1970-2040 Page Gas: Initial open flow, _____Mcf/d Oil: Initial open flow, _____Btl/d Final open flow, 24 Mcf/d Final open flow, _____Bbl/d

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

Static rock pressure, 125# psig (surface measurement) after 18 hours shut in

[If applicable due to multiple completion--]

Second producing formation Weir Gas: Initial open flow, ____Mcf/d Oil: Initial open flow, ____Etl'i Final open flow, 175 Mcf/d Final open flow, Time of open flow between initial and final tests, ____ hours Static rock pressure, 725# psig (surface measurement) after 48 hours shut in

Pav zone depth 2212-2338 feet

HIS PERMIT MUST BE	POSTED AT THE WELL SITE		
Coll - NV Va Code th	accordance with Chapter 22, a location is hereby approved		Date: <u>September 27</u> , 1979 Operator's
drilling	This permit shall expire if		Well No. <u>A-851</u>
	menced by 6-2-80	,	API Well No. 47 - 017 - 249
water of the same			State Co. Perm
Motor T			
Deputy Director - Oil	& Gas Division		•
		EST VIRGINIA	
	DEPARTMENT OF MINES,	OIL AND GAS DIV	ISION
	OIL AND GAS WELL	DEDMIN ADDITIONAL	227
		FLAMIT APPLICATIO	N. C.
WELL TYPE: O	il/ Gas XX /	e management	
		underground stor	rage/ Deep/ ShallowXX
LOCATION: El	evation: 1083 Watershed	: Sugar Run	
Di	strict: Southwest County: Do	oddridge gu	adrangle: Oxford /.5
WELL OPERATOR	ALLEGHENY LAND & MINERAL CO	. Designated Ager	tallegheny Land & Mineral CO.
Address	P.O. Box 1740	Address:	P.O. BOX 1740
. Condition	CLARKSBURG, WV 26301	COMPANY.	CLARKSBURG, WV 26301
OIL & GAS			
	Normand C. Branita Comm		
Address	Hayward & Juanita Gray Oxford, WV		
	OXIDIG, WV	addres	S
Acreage	318.23	Con 1 Com	
	Richard Crofford	COAT OWNER	(s) With Declaration On Record:
	Route 1, Box 93	Address	Hayward Gray
	West Union, WV 26456	210CTC22	Ellenboro, WV 26346
Acreage	318.23	NAME	
	IF MADE) TO:	Address	
	colidated Gas Supply Corpo	oration	
	5 West Main Street	COAL LESSE	E WITH DECLARATION ON RECORD:
OTT C CAC THE	arksburg, WV 26301	NAME	
Name Paul	PECTOR TO BE NOTIFIED Garrett	Address	
	Beech Street		
	rksburg, WV 26301		OGT 1 - 1979
	1	MANAGE AND	
The under	signed well operator is entit	led to operate for	or objections
م معمد م	i i , i , i o the un	iderslaned well of	Derator from D U C
<u> </u>	equently unto A. L. & M()	F SAID DEED, LEA	SE, OR OTHER CONTRACT
of <u>Doddridge</u>	anuary 2,6 19 12, in the off	ice of the Clerk	of the County Commission
	permit is requested as follo	linia in laste	book 30 at page
PROPOSE	D WORK: Drill XX /DRILL DEE	WS:	/
	/ PLUG OFF OUR	FORMATION /	Perforate new formation /
	other physical chang	e in well (special	fy)
	•		
	planned as shown o	n the work order	on the reverse side hereof.
Totified the	is above named coal operator	CO2 Otmom/-/ -	
	and onlection mist will to ma	Ke or are weeking	
	with the Department of Mines ation by the Department.	within fifteen (1	5) days after the receipt
	acton by the bepartment.		
have been mail	ed by registered mail or deli	ion and the enclo	sed plat and reclamation plan
operator, coal	owner(s), and Coal lessee on	vered by hand to	the above named coal
delivery of th	is Permit Application to the	Or berore die da Department of Min	y of the mailing or
Virginia.		ocparament or min	les at Charleston, West
PLEASE SUBMIT			
GEOPHYSICAL LOX	SS DIRECTLY TO	ALLEGHE	NY LAND & MINERAL COMPANY
			Operator
WEST VIRGINIA		LAT.	1 11/2/1/
CONSERVATION CO		By /	114 Molto.
1615 WASHINGTON	,	1	CHENTING
CHARLESTON, WV	20311		Watkins, Manager/
TELEPHONE: (30	04) 348-3092	Land, Lea	se & Right of Way
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BAXET B		
	OLANAE I D	. Till	

PROPOSED WORK ORDER THIS IS AN ESTIMATE ONLY:

DRILLING CONTRACTOR (IF KNOWN)
Address
P.O. BOX 40
BUCKHANNON, WEST VIRGINIA 26201

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

GEOLOGICAL TR	depth	of co	mpleted w	ell,	245	0 feet Ro	otary XX / Cab	ole tools	_/
Approxima Yes	ate coal	l seam	depths:	175	1 1 COL ,	is coal be	ing mined in th	e area?	
CASING AND TO CASING OR TUBING TYPE		SPECI	FICATIONS Weight			FOOTAG		CEMENT FILL OR SACKS	
COMMENT OF THE PROPERTY OF THE	SIZE	GRADE	Per it.	New	usea	For drilling		(cubic ft.)	Packers
Conductor	16"				X	20'	20 '	surface	kinds
Fresh Water	8-5/8	1							
Coal	8-5/8	oppose disease	20#	x		600'	600° 77	cement to surface	sizes
Intermediate							100 g 150 g		-
TirceTilledTare	.	<u> </u>	J 55					cement to	
Production			√10.50#	Х		2450'		300' above producing horizon	depths set
Tubing								1	
Liners				 		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		perfor- ations:
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by Re (iii) S 22— fee r Code the p	gulation Form I 4-12b a sequired S 22-4-proposed A setating	on 12, V-9, ' Ind Rec I by Co -8a fro I well eparate a wel	or in li "Reclama gulation ode S 22- om the ow e Form IV l where f	eu tition 23, 4-12; ner -2 si	hereof Plan", (iv) un a, and of any hall no	the other secu applicable to less previousl (v) if applica water well or t be required or stimulating	d in one of the rity allowed by the reclamation y paid on the ble, the consect dwelling within for fracturing is to be part to be pa	y Code S 22- con required same well, t nt required n 200 feet o or of the work	-4-2, by Code the by of
conne	ction t	herew	ith.						
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The und this well lowhich covers mine map. The location, property of the covers of the	or coal be issued a coation a the action are under the covided	lesse sued we ded coa has e rea of ersign, the	e who has ithin fif a coperator wamined to the well ed has no well open	recteen orhis location objection	orded a (15) d WAIN propose ation, ection	declaration ways of receipt A E R owner / lesed well location to the work points.	the coal operaunder Code S 22: thereof: ssee / of the con. If a mine tion has been a roposed to be only applicable records.	-4-20, if the coal under map exists added to the cone at this	r
		10		J = 4					