

P.O. BOX 1740

CLARKSBURG,

WEST VIRGINIA 24302-1740

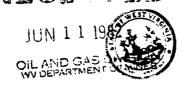
ADDRESS\_

11,400

ADDRESS P.O. BOX 1748

CLARYSBURG , WEST VIRGINIA 26302-1740

IV-35 (Rev 8-81)



# Date June 8, 1982 Operator's Well No. A-1141 Farm Law API No. 47 - 041 - 3175

## STATE OF WEST VIRGINIA DEPARTMENT OF MINES

## OIL and GAS DIVISION

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

(OCATION: Elevation: 1198'	Water	rshed 1	Leading C	reek
LOCATION: Elevation: 1198' District: Freeman's Creek County	Lewis	Qua	adrangle:	Camden 7.5
COMPANY Allegheny Land and Mineral Co.  200 West Main Street				
ADDRESS Clarksburg, West Virginia 26301	Casing	Used in	Left	Cement
	&			fill up
DESIGNATED AGENT Allegheny Land & Mineral 200 West Main Street	Tubing Size	Drilling	in weil	Cu. Ft.
ADDRESS Clarksburg, West Virginia 26301_	20-16			
	Cond.			
SURFACE OWNERJohn T. Law	77 2/48	201	201	
ADDRESS River St., Weirton, W.Va.	11 3/4"	29'	29'	
ADDRESS RIVER St., Wellton, W. Va.	9 5/8"			
MINERAL RIGHTS OWNER Consolidated Gas Supply				_
annaga a a a a a a a a a a a a a a a a a	8 5/8"	833.81'	833.18'	to surface
ADDRESS P.O.Box 2450, Clarksburg, W.Va.	7"			
OIL AND GAS INSPECTOR FOR THIS WORK Robert				
	5 1/2"			(0.50
Bates ADDRESS 109 Minnich St., Weston, W.V.	4 1/2"	2633'	2633'	w/260 sks. 1350'
PERMIT ISSUED March 8, 1982	4 1/2	2033	2033	1330
	3			
DRILLING COMMENCED April 4, 1982				
DRILLING COMPLETED April 8, 1982				
DRIHLING CONFIDENCE ADITIO, 1302		:		
IF APPLICABLE: PLUGGING OF DRY HOLE ON	Liners			
CONTINUOUS PROGRESSION FROM DRILLING OR	used			
REWORKING. VERBAL PERMISSION OBTAINED ON				
				<u> </u>
GEOLOGICAL TARGET FORMAION Elk		DEPTH	5100	FE
			a-h1-	M1-
Depth of completed well 2631 fe	et Rotar	y xxx /		
Water Strata depth: Fresh				Saltfe
Coal seam depth: 32-35 & 105-200	<del></del>	is coar ber	ng minea	in this area?
OPEN FLOW DATA	,	D	طخسة	ء
Producing formation Pocono & Big Injun	0.13	Pay zone		L
Gas: Initial open flow 133 Mcf/d	011:	initial ope	u itom	da
Final open flow 311 Mcf/d				
Time of open flow between ini				
Static rock pressure 806 psig (surface m		t arter 16	0	urs snuc-m
(If applicable due to multiple completion-		Day co	ne dnoth	fe
Second producing formaitonMcf/d	0:1-	ray 20	n flaa	
Final open flow Mcf/d  Time of open flow between init				
TIME OF OPEN FLOW DECKEEN INIT	Tar and r	ידישד הבפרם		

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

Well was fractured May 24, 1982
Perforations: 1753 - 1759 12 holes
1787 - 1792 7 holes
1801 - 1803 5 holes
1818 - 1822 4 holes
1826 - 1829 4 holes
1842 - 1849 8 holes
2326 - 2336 16 holes
2566 - 2572 10 holes

WELL LOG

FORMATION COLOR HARD OR SOFT TOP FEET BOTTOM FEET Including Indication of all fresh and salt water, coal, oil and gas  Fill 5 10 Gas check @ 1703' 33MCF Coal 32 35 G8 G8 Shale 35 68 G8 105 Sand 68 105 Coal 105 108 Sand 106 220 Sand \$ Shale 220 1520 L. Lime 1520 1530 Sand & Shale 1530 1585 B. Lime 1585 1643 Injun 1643 1747 Sand & Shale BAYAAD 1747 2631 T.D.				
Shale       10       32       Gas check @ 2045' 39MCF         Coal       32       35       Gas check @ 2441' 66MCF         Shale       35       68       Gas check @ 2508' 133MCF         Sand       105       108       108         Sand & Shale       1520       1520       1530         Sand & Shale       1530       1585       1643         Injun       1643       1747       1747	FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	Including indication of all fresh
	Shale Coal Shale Sand Coal Sand Sand & Shale L. Lime Sand & Shale B. Lime Injun	10 32 35 68 105 108 220 1520 1530 1585 1643	32 35 68 105 108 220 1520 1530 1585 1643 1747	Gas check @ 2045' 39MCF Gas check @ 2441' 66MCF

(Attach separate sheets as necessary)

Alleghen	y Land and Mineral Company
	perator
By:	U. Sabatis
-	Vice President Oil & Gas Operations
Date:	June 8, 1982

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
coal, encountered in the drilling of a well."

LOCATION:

Farm name: LAW, JOHN & BERNADETTE

Elevation: 1198

# State of West Virginia Division of Environmental Protection Section of Oil and Gas

Well Operator's Report of Well Work

Operator Well No.: 1141

Quadrangle: CAMBDEN 7.5'

County: LEWIS District: FREEMANS CREEK Deg.32 Min. 30 Sec. Feet South of 80 Latitude: 10175 Feet West of 39 Min.00 Deg.05 Sec. Longitude 11400 Company: HAWG HAULING & DISPOSAL, INC. Used in Teft |Cement | RT 1, BOX 84-A BUCKHANNON, WV 26201-0000 Casing Fill Up Drilling | in Well|Cu. Ft. Tubing MARK HACKETT Agent: Size Inspector: RANDAL MICK Permit Issued: Well work Commenced: 06/30/97 Well work Completed: 06/30/97 NA 11 3/4 29 29 Verbal Plugging Permission granted on: Rotary Cable
Total Depth (feet) Rig 8 5/8 833.81 833.81 To Surfac Fresh water depths (ft) w/260 sx2633 4 1/2 to 1350' Salt water depths (ft) 1<del>-50-614-ED</del> Chice of Oil & Gas Is coal being mined in area (Y/N)? Permitting Coal Depths (ft): SEP 24 1998 VIV Of this pion OPEN FLOW DATA Pay zone depth (ft)2489-2504 Producing\* formation Fifth Sand MCF/d Oil: Initial open flow\_ Gas: Initial open flow NA NA Bbl/d NA Bbl/c Final open flow NA MCF/d Final open flow Time of open flow between initial and final tests NA Hours NA psig (surface pressure) after NA Hours Static rock Pressure \* This zone will be used for injection and not production Second producing formation Pay Pay zone depth (ft) MCF/d Oil: Initial open flow\_ Gas: Initial open flow\_ Bbl/c Final open flow\_ MCF/d Final open flow Time of open flow between initial and final tests\_ Hours psig (surface pressure) after Static rock Pressure THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED NOTE: ON BACK OF PHYSICAL CHANGE, ETC. 2). THE WELL INTERVALS, FRACTURING OR STIMULATING, GEOLOGICAL RECORD OF ALL FORMATIONS, SYSTEMATIC DETAILED IS A INCLUDING COAL ENCOUNTERED BY THE WELLBORE. Ш For: HAWG HAULING & DISPOSAL, INC.

R. Ma

Date:

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17726

Well 1141 was perforated in the Fifth Sand with 16 holes from 2489'-2504'. The well was then fractured in the Fifth Sand with 25,000 lbs of 20/40 sand in a 20 lb/gal gelled water system. The frac fluid was left in the formation after stimulation, ie the well was not flowed back into any pit.

Formations are indicated on the original IV-35 dated June 8, 1982.

(Revised 3-81)

#### STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL and GAS DIVISION OIL and GAS WELL PERMIT

WELL NO.	A-1141	_
FARM NAME	LAW	
API WELL NO	47 - 041 -	
DATE	February 15, 1982	

WELL TYPE:	Oil/ GasXXX/			
	If "Gas", Production/	Underground :	storage	/ Deep/ ShallowXXX /)
LOCATION:	Elevation: 1198'	_ Watershed:	Leading	Creek
	District: Freeman's Creek	_ County:	Lewis	Quadrangle: Camden 7.5'
WELL OPERATOR	Allegheny Land and Mineral Company	<u>/</u>	DESIGNATED A	GENT Allegheny Land & Mineral Company
Address	P. O. Drawer 1740		Address	P. O. Drawer 1740
	Clarksburg, West Virginia 26301			Clarksburg, West Virginia 26301
OIL & GAS				
ROYALTY OWNER	Consolidated Gas Supply Corporation	on	COAL OPERATO	R
Address	445 West Main Street		Address	
	Clarksburg, West Virginia 26301			
Acreage	129.08		COAL OWNER(S	) WITH DECLARATION ON RECORD:
SURFACE OWNER	John T. Law		Name	Argyle E. Bonnett
Address	River Street		Address	Route 2, Box 312
	Weirton, West Virginia 26062			Weston, West Virginia 26452
Acreage	129.08		Name	
FIELD SALE (I	F MADE) TO:Consolidated Gas Supply	Corp	Address	3
Address	445 West Main Street			
!	Clarksburg, West Virginia 26301		COAL LESSEE	WITH DECLARATION ON RECORD:
OIL AND GAS I	NSPECTOR TO BE NOTIFIED:		Name	
Name	Robert Bates 269-3820	<del></del>	Address	3
Address	109 Minnich Street	· · · · · · · · · · · · · · · · · · ·		
	Weston, West Virginia 26452			
The unders	igned well operator is entitled to	operate for	oil or gas pu	urposes as the above location under a deed
/ lease	XXX / other contract/ dated	February 4	_, 19 <u>60</u> , to	the undersigned well operator from
Hope Natural	Gas Company (Subsequently Consoli	dated Gas Sup	ply Corporati	ion)
(If said deed	, lease, or other contract has been	n recorded:)		
Recorded on	February 25 , 1960 , in the office	e of the Cler	k of the Cour	nty Commission of <u>Lewis</u> County, West
	<u>Deed</u> Book <u>261</u> at page <u>257</u>			
PROPOSED WO	RK: Drill XXX/ Drill deeper	/ Redrill	_/ Fracture o	or stimulate/
Plum off ol	d formation/ Perforate new fo	rmation /	/	
riug on oi	Other physical change in well			

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1613 WASHINGTON STREET, EAST CHARLESTON, WV 25311

Telephone (304) 348-3092



FEB 1 9 1982

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

ALLEGHENY LAND AND MINERAL COMPANY

Daniel L. Wheeler,

P. O. Drawer 1740

Clarksburg, West Virginia 26301

BLANKET BOND

#### PROPOSED WORK ORDER

#### THIS IS AN ESTIMATE ONLY:

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

DRILLING CONTR	RACTOR (	TE KNOWN								
					wer 17		2/201			
		<b></b> .				st Virginia	26201			
GEOLOGICAL TAR									,	
	•	•						Cable tools	/	
• • • • • • • • • • • • • • • • • • • •			-				salt,			
Approxima	ate coal	seam de	pths: <u>n</u>	one	:	Is coal being	mined in the a	area? Yes/	No XXX	
CASING AND TUE	BING PRO	GRAM								
İ	1	SPECIFI	CATIONS		. !	FOOTAGE	INTERVALS	CEMENT FILL-UP	PACKERS	
CASING OR			Weight					or SACKS	]	
TUBING TYPE	Size	Grade	per ft.	New	Used	For Drilling	Left in well	(Cubic Feet)	   Kinds	
Conductor	16"				x	20'	20'	cement to surface	•	
Fresh Water	8-5/81					1 23	1 20 1	CEMICITE CO GGITACO	Sizes	
Coal	8-5/8"		20#	Х		600'	600'	cement to surface		
Intermediate									Depths set	
Production	4-1/2"		J-55	Х		5100'	5100'	cement to 300'abov		izon or as
	ļ		10.50#					required by Rule		
Tubing	<u> </u>			<u></u>			<u> </u>		Perforations:	Bottom
Liners	1		l	 				1	i op	BOCCOM
			<b></b>	<del>                                     </del>	1	<del>                                     </del>				A
all by by i wat A s stir	owed by Code §22 Code §22 er well eparate mulating	Code §2: 2-4-12b : 2-4-12a, or dwell Form Iv.	2-4-2, ( and Regu and (v) ling with -2 shall	iii) lati if a in 2 not of th	Form on 23; applica 200 feache wor	IV-9 "Reclama, (iv) unless able, the conset of the property for first for first section of the property for first for first section of the property section of	ation Plan", a previously pa sent required posed well. racturing or s	or in lieu thereof pplicable to the reid on the same well by Code §22-4-8a frostimulating a well weght and is noted a	eclamation requir l, the fee requir om the owner of a where fracturing	red red any or
*							•			
has	recorde	ing waive d a decl thereof	laration	e co unde	omplet er Cod	ed by the coa e §22-4-20, i	l operator and f the permit i	by any coal owner s to be issued with	or coal lessee n fifteen (15) d	who ays
						WAIVER				
this proposed been added to	well lo	ocation. ne map.	If a market	ine d ersid	mapex gned h	ists which co as no objecti	vers the area on to the work	he coal under this of the well locatio proposed to be don by the West Virgin	n, the well loca e at this locati	tion has on,
						the constant of the constant o				
					=					
Date:				<del></del>	1	.9 BY:			<del> </del>	
•										
							and the second terms of t			

21724	FORM WW		Offi F E Enviro S'TA	CEIVED ce of Oil & Gas UIC Section  B 2 1 1938  AV Civision of onmental Protection  TE OF WE  ENERGY, I		A Ex	3175- Fac  Seved 03/13/96  Page 3 of 5  PASS 03/13/98
					IT APPLICA	TION	
	Well Opera	tor: H	AWG HAUL	ING & DI	SPOSAL, IN	c. 215	95 (3) 276
	Operator's		-			3) Eleva	tion:1,198
	type: (a)	(b) If	Gas: Pr De	oduction ep/	/ Un Shall	ow XX/	LL <u>XX</u> Storage/
5)	Proposed T			<del></del>		,	
5)	Proposed T						_ feet
')	Approximat			-			
3)	Approximat		_			None None	
•	Approximat Does land		_	-	ary to act	<del></del>	Vog / No VV /
	Proposed W					a Gli Atur	Yes/ No <u>XX</u> /
.2)	Troposed "	CII WOIK.			BING PROGI	RAM	Gordon Franction
	TYPE	S	PECIFICA			OTAGE INT	
		SIZE	GRADE	WEIGHT PER FT	FOR DRILLING	LEFT IN WELL	Fill-Up (Cu. Ft.)
CONI	DUCTOR	11-3/4"	LS	32#	29'	29.1	NONE •
FRES	SH WATER						CINTUS HULL
COAI						1	Wyw Charles
INTE	ERMEDIATE	8-5/8"	J-55	23#	833'	833'	As required by 38 CSR 18-11-3 38 CSR 16-11-2
PROI	OUCTION	4-1/2"	J-55	10.50#	2,633'	2,633'	As required by 38 CSR 18-11-1
LINE		2-3/8"	J-55			2,240'	
ACKE	RS: Kind Size	s	Hallibur 2-3/8" x	ton R-4			
			2,240'	1 1/2			
For Division of Oil and Gas Use Only  Fee(s) paid: Well Work Permit Reclamation Fund WPCP							
-	Plat WW-9 WW-2B Bond LC Agent						
Note CKIT 3549							

RECEIVED Office of Oil & Gas UIC Section

FEB 20 1995

**Page** \_\_4 of \_5

ATTACHMENT TO: FORM WW-2B

> WV Division of Environmental Protection

WELL OPERATOR

HAWG HAULING & DISPOSAE, INC.

OPERATOR WELL NO:

1141

FILE NUMBER

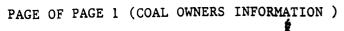
47-041-3175 (UIC2D0413175)

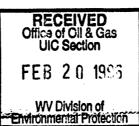
#### 11. Promosed Well Work:

This well will be hydraulically fractured through 2-3/8" tubing with 40,000 # 20/40 sand in a 30# fresh water gel system in the Gordon Formation through perforations @ 2,260' - 2,336'.

No Flow BACK

Page	$\geq 1$ or $\frac{5}{}$	Cfiles in Cilia Gas	1)	Date: February 14, 1996
	n WW2 KA	UIC Section	2)	Operator's well number
(6/S	94) ≅ Copy	Fit 2   1996	3)	1141 API Well No: 47 - 041 - 3175 -
		WV Division of Epyironmental Protection		UIC #2D0413175 State County Permit
	, s	I PAR OF MARKET	GINÍA -	BUREAU OF ENVIRONMENT
476		221222011 02	TH 1 T 11/03/17	ALMIAL PROJECTION
3	es .	OFFIC	E OF QI	L AND GAS
•		OMICE AND ADDITION		
	. <u>N</u>	OTICE AND APPLIC	CATION F	OR A WELL WORK PERMIT
4.1	Surface Our	ow(a) to be some		(a) (a) (a) (a) (b)
4)	Sullace Own	er(s) to be serv	/ea:	5) (a) Coal Operator: NameNO DECLARATION OF RECORD
	Address Ro	hn & Bernadette H.	Law	
				Address
	(b) None	mden, WV 26338		
	(b) Name Address			(b) Coal Owner(s) with Declaration
	Address			Name See Attached
	/ a \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		· · · · · · · · · · · · · · · · · · ·	Address
	(0)		· .	
	Address\			Name NO DECLARATION OF RECORD
				Address
<b>6</b> )	T.,	Triangle Design		
6)		Tim Bennett		(c) Coal Lessee with Declaration
	Address		Drive	Name
		Weston, WV 264	52	Address
	Telebuoue (	304) - 269-6167		
cont	Included i	is the lease or ch I hold the ri	lease	s or other continuing contract or extract oil and gas <u>OR</u>
XX	Included is	the information	requir	ed by Chapter 22, Article 6, Section
	of the Code	of West Virgini	a (see	name 2)
	I certify t	hat as required	under (	Chapter 22 of the <u>West Virginia Code</u>
I ha	ve served co	opies of this no	tice ar	d application, a location plat, and
acco	mpanying doc	uments pages 1 t	hrough	on the above named parties, by:
•	Person	al Service (Affi	davit a	ttached
	XX Certif	ied Mail (Postma	rked no	stal receipt attached)
	Public	ation (Notice of	Public	ation attached)
+0 +	I have read	and understand	Chapter	22-6 and 38 CSR 11-18, and I agree
	T certify u	condictions of a	my perm	it issued under this application.
fami	liar with th	nider penalty of	law tha	at I have personally examined and am
Tami	TIGE WICH C	ne information s	submitte	d on this application form and all
2002	condition for	chac based on	my inqu	iry of those individuals immediately
ic	oustate for	obtaining the 1	nrormat	ion, I believe that the information
IS C	rue, accurat	e, and complete.		
inea	I am aware	that there are	signifi	cant penalties for submitting false
Inio	rmation, inc	ruding the possi	bility.	of fine and imprisonment.
		Well Op	eration	HAWG HAULING & DISPOSAL, INC.
		By:	dull a	W/ Section 1
		Its: _		President
		Address	·	P. 0. Box 1740
		<b>A</b> . 3		Clarksburg, WV 26302-1740
C115-	ani boa	Telepho	ne	304 623-6671
SUDS	cribed and s	worn before me t	nis 14	th day of February , 1996
	Chh	~ M [ /w. /	<i>(</i>	<u> </u>
MV	commission ex	nires Deserted	0 200	Notary Public
<u>1</u>		pirés <u>December</u>	. <del>3</del> , 200	<b>L</b>





041-3175-4

#### COAL OWNERS

Richard L. Bonnett Route 2, Box 286 Weston, West Virginia 26452 .250000

Dale T. Bonnett 41821 Palmer Road Belmont, Ohio 43718 .250000

Virginia B. Vermillion Route 1, Box 231-B Weston, West Virginia 26452 .250000

Kathryn (Katheryn) B. Stoneking 117 Center Avenue W. Trenton, New Jersey 08628 .250000