



Date August 3, 1983

Operator's

Well No. A-1149

Farm Leggett

API No. 47 - 017 - 3146

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL and GAS DIVISION



DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE - 8 1983

ATION: Elevation: 1110'	Wate	rshed Be	ear Fork	
TION: Elevation: 1110' District: Southwest Coun	ty: Doddrie	dge Qu	adrangle:	Auburn 7.5'
-				
ANY Allegheny Land and Mineral Co.				
200 West Main Street				
RESS <u>Clarksburg</u> , West Virginia 26301	Casing &	Used in	<u> </u>	Cement fill up
IGNATED AGENT Allegheny Land & Mineral	Tubing	Drilling	in Well	Cu. Ft.
200 West Main Street	Size			
RESS <u>Clarksburg, West Virginia</u> 26301	20-16 Cond.			
PACE OWNER Mina Czigans Heirs	win.			
TALE OWNERTHIRD CATGODIA DELLO	13-10"			
RESS Rt. 1, West Union, W. Va.	9 5/8*	-		• ••
ERAL RIGHTS OWNER J.E. Leggett Heris		0		
•• •	8 5/8*	1381'	1381'	to surface
RESS Burnt House, W. Va.	7*			
AND GAS INSPECTOR FOR THIS WORK Stephen	'			
THE ORD MINISTER TOR MAN TOWN	5 1/2"			
sey ADDRESS Rt. 2 Box 232-D, Jane Lew, WV	, ,			w/300 sks.
•	4 1/2"	5304'	5304'	2145'
MIT ISSUED <u>September 27, 1983</u>	3			·
ILING COMMENCED March 15, 1983				
INDIA COPPERCIT PRODUCT 13/ 1303	2			· •
LLING COMPLETED March 21, 1983			·	
APPLICABLE: PIUGGING OF DRY HOLE ON	Liners			·
NTINUOUS PROGRESSION FROM DRILLING OR	' used			
CRKING. VERBAL PERMISSION OBTAINED				
	, ·		<u> </u>	<u> </u>
MOGICAL TARGET FORMAION Alexander		DEPTH	5400	FE
THE PARTY OF THE P				•
Depth of completed well 5400	_feet Rota	ry 100x /	Cable	Tools
Water Strata depth: Fresh	,	•		Saltfe
Coal seam depth:		Is coal bei	ing mined	in this area?
IN FLOW DATA		- .		
Producing fermation Alexander, Balltonn	Mair &Snee	chlyPay zone	deoth (s	see back) f
Gas: Initial open flow 103 Mcf/d				
Final open flow (215) Mcf/d				Bb
Time of open flow between				
Static rock pressure 825 psig (surface		nc arter	144 DX	mrs sunc-in
(If applicable due to multiple completi	on—)	<u>-</u>	•	
Second producing formaiton			one dpeth	
	oil:		* co (-40
Final open flow Mcf/d	~	Pinal open		Bb
Time of open flow between i	nitial and	final tests		hours
Static rock pressure psig (surface	_		_	

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

Well was fractured	April 17, 1983		
Perforations:	√ 2014 - 2016 Inivide holes √ 2068 - 2073 12 holes	√3262 − 3266	5 holes -speechley
	√2068 - 2073 12 holes	√6 3308 – 3310	2 holes
	$\sqrt{3}2198 - 2206$ 6 holes	√ ¹ 3312 - 3313	1 hole
	√42216 - 2226\	<i>J</i> ₁3329 − 3330	1 hole Balltown
	√4 2216 - 2226 7 holes √5 2273 - 2288 16 holes	√i 3365 – 3369	5 holes /
	√2301 - 2308 8 holes	√u 4022 - 4025	5 holes /
•	7 3254 - 32557, Whyhole	135119 - 512 4	6 holes
	7 3254 - 3255 Special hole 3256 - 3258 2 holes	√35139 - 5147	6 holes quevander 9 holes
	WELL		

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale Sand & Shale & Red Rock Sand & Shale L. Lime Shale B. Lime Injun Shale 4th Sand Shale 5th Sand Shale Speechly Shale Bradford Shale Benson Shale Alexander Shale	0 10 335 883 1870 1898 1929 2010 2070 2742 2753 2887 2900 3224 3278 4357 4360 4835 4851 5150 5270	10 335 883 1870 1898 1929 2010 2070 2742 2753 2887 2900 3224 3278 4357 4360 4835 4851 5150 5270 5400 T.D.	Damp @ 350' Gas check @ 1867' No show Gas check @ 2110' 33MCF/D Gas check @ 2605' 33MCF/D Gas check @ 2790' 69MCF/D Gas check @ 3287' 103MCF/D Gas check @ 3747' 103MCF/D Gas check @ 4148' 133MCF/D Gas check @ 4889' 103MCF/D Gas check @ 5195' 103MCF/D Gas check @ 5195' 103MCF/D Gas check @ 5400' 133MCF/D

(Attach separate sheets as necessary)

By: President Oil & Gas Operation
By: Via Provident Oil & Son Committee
wice President Oil & Gas Oberatio

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."



WELL NO. __A-1149 FARM NAME __Leggett API WELL NO. __ 47 __ 017 __ 3146

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

DATE ____August 11, 1982

WELL TYPE:	Oil/GasXXX_/			٠			
	If "Gas", Production/	Undergroun	d stora	je	/ Deep/	Shallow _	xxx /)
LOCATION:	Elevation: 1110'	Watershe	d: Be	ar Fork			 .
	District: Southwest	County:	Doddri	dge	Quadrangle:	Auburn 7.5	
WELL OPERATOR	Allegheny Land and Mineral Company				ENT Daniel L. Wheele		
Address	P. O. Drawer 1740			Address	P. O. Drawer 174	0	
	Clarksburg, West Virginia 26301				Clarksburg, West	Virginia 2	26301
OIL & GAS							
ROYALTY OWNER	J. E. Leggett Heirs		COAL	OPERATOR			
Address	% J. E. Spurgeon, etal		\$.	Address			.:
	Burnt House, WV 26336				:		. 1
Acreage	178.6		COAL	OWNER(S)	WITH DECLARATION ON	RECORD:	. : •
SURFACE OWNER	Mina Czigans Heirs		Name		Harold Leggett		
Address	% Lena Czigans Spurgeon		1	Address	110 Case Avenue		
	Route 1, West Union 26456				West Union, WV 264	56	
_ Acreage	78.2	· · · · · · · · · · · · · · · · · · ·	Name				62
FIELD SALE (I	F MADE) TO:Consolidated Gas Supply	Corp.		Address		新台	0_
Address	445 West Main Street					望上	100
	Clarksburg, Wv 26301		COAL	LESSEE W	ITH DECLARATION ON R		
	NSPECTION TO BE NOTIFIED	:	Name			1982 ASP 201	
Name	Stephen Casey	- T	* * * * * * * * * * * * * * * * * * * *	Address		75	100
Address	Rt. 2, Box 232-D	,			The second second	MISIC	<u></u>
•	Jane Lew, WV 26378	<u></u>				SS .	
The unders	signed well operator is entitled to	operate fo	r oil o	r gas pur	poses as the above l	ocation unde	er a deed
/ lease	XX / other contract/ dated	November	6 , 19	<u>52</u> , to t	he undersigned well	operator fro	om
	D. B. Leggett, etal					14 (1) 12 (1) 13 (1) 15 (1	
(If said deed	d, lease, or other contract has been	recorded:)				
Recorded on _	, 19, in the office	of the Cl	erk of	the Count	y Commission of <u>Dod</u>	dridge Cour	nty, West
Virginia in _	Lease Book 57 at page 378	3. A perm	nit, is r	equested	as follows:	1 y	
PROPOSED WO	ORK: Drill XX / Drill deeper/	Redrill _	/ Fr	acture or	stimulate/		
Plug off ol	d formation/ Perforate new f	ormation _			28.8		
	Other physical change in well	(specify)					
			· ·				
	-planned as shown on the work	order on t	he reve	rse side	hereof.		
The above	named coal operator, coal owner(s),	, and coal	lessee	are hereb	y notified that any	objection t	hey wish
to make or ar	re required to make by Code §22-4-3	must be fi	led wit	h the Dep	partment of Mines wit	hin fifteen	(15) days
after the rec	ceipt of this Application by the Dep	artment.					* * * *
	this Permit Application and the end						
	by hand to the above named coal ope						y of the
	elivery of this Permit Application t					_	
	/ The right to extract, produce						
	ontract or contracts providing for f						
owiet of rife	oil or gas in place which is not in	merencry r	eraced	LU LNE VO	oranie or orrang das	so extracted	a, produce

It the answer to this question is yes, you may use this affidavit.

or marketed.

AFF IDAV IT

I, Daniel L. Wheeler, Vice President, (the above designated ower or operator, or authorized representative thereof), after being duly sworn, do depose and say that the undersigned is authorized by the owner of the working interest in the well to state that it shall tender to the owner of the oil and gas in place not less than one-eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced or marketed before deducting the amount to be paid to or set aside for the owner of the oil or gas in place, all such oil or gas to be extractred, produced or marketed from the well.

ALLEGHENY LAND AND MINERAL COMPANY

<u>0v</u>

THIS IS AN ESTIMATE ONLY:

DRILLING CONT	RACTOR (ITTED ON FORM	IV-35 UPON COMPLET	ION
					wer 17				
						st Virginia :	 26301 '		
GEOLOGICAL TA	RGET FOR	MATION.							
						feet Rota		Cable tools	/
									
	•				_			area? Yes /	No XX /
CASING AND TU			• • •			_			
				* .	• .				
	11	SPECIFI	CATIONS	***	ſ	FOOTAGE	INTERVALS	CEMENT FILL-UP	PACKERS
CASING OR		0. 1	Weight				4 60 1 22	or SACKS	
TUBING TYPE	Size	Grade	per ft.	New	used	For Drilling	Left in Well	(Cubic Feet)	Kinds
Conductor	16"				Х	20'	20'	cement to surface	1
Fresh Water	8-5/8"							` `	Sizes
Coal Intermediate	8-5/8" 		20#	X		1200'	1200'	cement to surface	Depths set
Production	4-1/2"		J-55	Х	<u> </u>	5400'	5400'		ve producing horizon or as
·	Ц		10.50#					required by Rule	——————————————————————————————————————
Tubing									Perforations:
Liners						<u> </u>			Top Bottom
	<u>li</u>								
al. by by wat A st. IV	Lowed by Code §22 Code §22 ter well separate imulating -2 filed code receipt ersigned d well loot the min	Code §2: 2-4-12b : 2-4-12a, or dwell form Iv. is to t in connection. coal oper	2-4-2, (and Regu and (v) ing with -2 shall be part c ection th er must t laration The under	lati if a in 2 not ff the nerev	Form on 23, application 23, application 23, application 23, application 24, ap	IV-9 "Reclama" (iv) unless able, the conset of the propequired for fr k for which a walver WAIVER y lesse ists which covers as no objection	tion Plan", a previously pa ent required osed well. acturing or s permit is so operator and the permit i	id on the same well by Code §22-4-8a from timulating a well well ught and is noted a by any coal owner s to be issued with the coal under this of the well locatio proposed to be don by the West Virgin	eclamation required the fee required om the owner of any where fracturing or as such on the Form or coal lessee who a fifteen (15) days well location has examined an, the well location has e at this location, in Code and the governing
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Date:					1	9 BY:			
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AL.	L PROVIS	IONS BE	ING IN	ACC	ORDA	NCE WITH CHA	PTER 22,		
AR	TICLE 4	OF THE V	V. VÁ. C	ODE,	THE	LOCATION IS	HEREBY		
AP	PROVED	FOR d	rilling	,	1	HIS PERMIT SH	IALL EXPIRE	 State of the state of the state	de la companya da series de la comp La companya da series de la companya
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