

IV-35 (Rev 8-81)



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Date January 15, 1982
Operator's
Well No. A-1052
Farm Leggett
API No. 47 - 017 -3051

OIL and GAS DIVISION

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: OIL / GAS X / Liquid Injection (If "Gas", Production / Undergo	on/ Wast und Storage_	ce Disposal _/ Deep/	/ Shallow <u>X</u>	<u>x</u> /)
LOCATION: Elevation: 1010' District: Central County	Watershed_	Cabin Run		
District: Central County_	Doddridge	Qı	uadrangle <u>(</u>	xford 7.5
COMPANY Allegheny Land and Mineral Company 200 W. Main Street, P. O. Box 1740				
ADDRESS Clarksburg, West Virginia 26301	Casing &	Used in	Left	Cement fill up
DESIGNATED AGENT Allegheny Land & Mineral Co. 200 W. Main Street, P. O. Box 1740 ADDRESS Clarksburg, West Virginia 26301	Tubing Size 20-16 Cond.	Drilling	in Well	
SURFACE OWNER Clifford Lloyd Route 1 Box 221 ADDRESS West Union, W. Va. 26456	11 3/4"	33	33	
MINERAL RIGHTS OWNER Leggett Heirs c/o Joe Nutter, Route 2, Box 178	9 5/8" 8 5/8"	1080'	1080'	to surface
ADDRESS Salem, West Virginia OIL AND GAS INSPECTOR FOR THIS WORK Steve	7**			
Cassey ADDRESS Rt.2 Box 232-D, Jane Lew, W.V.	5 1/2"	E2/01	52/01	cement to
PERMIT ISSUED October 22, 1981	4 1/2 "	5349'	5349 '	4800 °
DRILLING COMMENCED November 30, 1981	.2			
DRILLING COMPLETED December 14, 1981 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used		1 9 1982 D GAS DIVIS ARTMENT OF MIC	ON: Ids
GEOLOGICAL TARGET FORMATION Alexander		DEPTH	5640	Feet
Depth of completed well 5413 fee Water strata depth: Fresh 1342 fee Coal seam depth: 310-315 OPEN FLOW DATA	t; Salt		_ feet	nis area?
Producing formation <u>Alexander</u>	'd Oil. Tr	Pay zone	depth	fee
Gas: Initial open flow none Mcf/ Final open flow 440 Mcf/ Time of open flow between in Static rock pressure 1400 psig (surface (If applicable due to multiple completio	Finitial and fine measurement	inial open f inal tests _	Low 4 hours	Bbl/d
Second producing formation		Pay zone dep	th _	feet
Gas: Initial open flow Mcf/ Final open flow Mcf/ Time of open flow between in	'd Oil: Ir 'd F	nitial open inial open f	flow low	Bbl/d Bbl/d
Static rock pressurepsig (surface		t) after		shut-in

FORM IV-35 (REVERSE)

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

Well was fractured January 8, 1982
Perforations: 5201 - 5207
5223 - 5228
5231 - 5235

6 holes

6 holes 4 holes

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	<u>REMARKS</u> Including indication of all fresh and salt water, coal, oil and gas
Fill Sand Sand & Shale Coal Red Rock Sand & Shale Sand Sand & Shale Red Rock Sand & Shale Lime Sand Sand & Shale Lime Sand Sand & Shale Sand	0 3 113 310 315 445 696 715 806 848 986 1124 1400 1500 1870 1901 1945 2118 2179 2460 2500 2928 3134 3315 3368 4710 4718 5140 5180	3 113 310 315 445 696 715 806 848 986 1124 1400 1500 1870 1901 1945 2118 2179 2460 2500 2928 3134 3315 3368 4710 4718 5140 5180 5413 T.D.	

(Attach seprate sheets as necessary)

Allegher	ny Land and Mineral Company	
Well (Operator Officeration Officeration	Ð
BY:	Operator Oct. Vice President Production	
	Vice President Production	
Date:	January 18, 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."

Form IV-2

(Obverse) (O8-78)



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

DATE Septemb	per 25,	1981	
Operator's Well No	A-1052		
API Well NO.	4.7	- 017	_ 3051
	State	County	Permit

	If "Gas", Production/ l	Inderground	storage	/ Deep/ ShallowXXX _/)
OCATION:	Elevation: 1010'	Watershed:	Cabin Run	
	District: Central	County:	Doddridge	Quadrangle:Oxford 7.5'
WELL OPERATOR	Allegheny Land and Mineral Company		DESIGNATED AG	ENT Allegheny Land & Mineral Company
Address	P. O. Drawer 1740		Address	P. O. Drawer 1740
	Clarksburg, West Virginia 26301			Clarksburg, West Virginia 26301
OIL & GAS	Leggett Heirs			
ROYALTY OWNER	c/o Joe Nutter		COAL OPERATOR	
Address	Route 2, Box 178		Address	
	Salem, West Virginia 26426			
Acreage	187		COAL OWNER(S)	WITH DECLARATION ON RECORD:
SURFACE OWNER	Clifford Lloyd			Mr. Clifford Lloyd
	Route 1, Box 221			Route 2, Box 178
	West Union, West Virginia 26456			Salem, West Virginia 26456
Acreage				
FIELD SALE (I	MADE) TO:Consolidated Gas Supply (Corp		
	445 West Main Street			·
	Clarksburg, West Virginia 26301		COAL LESSEE V	VITH DECLARATION ON RECORD:
	NSPECTOR TO BE NOTIFIED:			
	Steve Casey 884-7470		Address	J00 500 _
	Route 2, Box 232-D			
	Jane Lew, West Virginia 26378	di-motoritari		~ (a)/07
The unders	igned well operator is entitled to (operate for	oil or gas pur	cposes as the above location under a deed
XXX_/ lease	/ other contract/ dated _	July 29	_, 19 <u>57</u> , to t	the undersigned well operator from
Ralph Leggett	, et al		4 4	DEPARTMENT OF MINES
	, lease, or other contract has been			
Recorded on 0	ctober 16 , 19 <u>57</u> , in the office	of the Cler	k of the Count	cy Commission of <u>Doddridge</u> County, West
/irginia in _	Deed Book <u>60</u> at page <u>50</u>	A permit	is requested	as follows:
PROPOSED WO	RK: Drill XXX/ Drill deeper/	Redrill	_/ Fracture o	r stimulate/
	Plug off old formation/ P	erforate new	formation	_/
	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.

MARKET BOXD

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET, EAST CHARLESTON, WV 25311

Telephone (304) 348-3092

ALLEGHENY LAND AND MINERAL COMPANY

BY: Mull - Milli Daniel L. Wheeler, Vice President

P. O. Drawer 1740 Clarksburg, West Virginia 26301

THIS IS AN ESTIMATE ONLY:

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

DRILLING CONT	RACTOR (IF KNOWN) <u>Union</u>	Dri	lling	Company, Ir	nc.				
			P. 0.	Dra	wer 17	40					
			Buckh	anno	n, Wes	st Virginia	26201				
GEOLOGICAL TA	RGET FOR	MATION,	Alexa	nder							
		•				feet Ro	otary XXX	x /	Cable tools	/	
	•	•					-			······································	
									area? Yes/	No XXX	x /
CASING AND TU			peno	11011	-	to coar born	ig imanica an	5116	area: 100/	110	
CHOTHE WID TO	DING FILO	althi i									
1	. 1	CDECTET	CATTONS		1	I FOOTAG	T THICOUAL		CEMENT ETH ID	LDACKEDS	
CASING OR			CATIONS Weight			FOUTAL	GE INTERVAL!	5 	CEMENT FILL-UP or SACKS	PACKERS	
TUBING TYPE	Size		- :		Used	For Drilli	ind Left in	well	(Cubic Feet)		
			, , , , , , , , , , , , , , , , , , ,						(0.00.00)	Kinds	
Conductor	16"				Х	201	201		cement to surface		
Fresh Water	8-5/8"					<u> </u>				Sizes	
Coal	8-5/81		20#	X		6001	6001		cement to surface	- 	
Intermediate Production	4-1/2"		7 55	X		E(401	F4401		5645K5	Depths se	
Linduction	4-1/2		J-55 10.50#	^		56401	5640'		required by Rule		J horizon or as
Tubing			10.50#			<u> </u>				Perforation	ons:
Liners										Тор	Bottom
<u></u>											
•						<u> </u>					
sti IV-	mulating 2 filed 	is to be in conne	ection the	of therev	ne worvith.	k for which	a a permit	is so	stimulating a well with and is noted a standard	s such on or coal le	the Form
	receipt						•				
						WAIVE					
this proposed been added to	d well lo the min	cation. e map.	If a man	ine r	map ex gned h	ists which as no objec	covers the tion to the	area work	he coal under this of the well location proposed to be don by the West Virgin	n, the well e at this l	location has ocation,
						200					
Date:					1	9 B	Y:			·	
										:	
•											
							* .				
THIS PERMI	T MUST	BE POS	TED AT	THE	WELL	SITE					

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for <u>drilling</u>. This permit shall expire if

operations have not commenced by 6-22-82