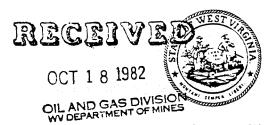


TRASCO 100 12-78 MC86680

8-0 Blue Creek (217)

2000 WEIR tion OCT 28 1980



IV-35 (Rev 8-81)

State of Mest Airginia Bepartment of Mines Gil und Gas Aivision

Date October 6, 1982							
Operator's							
Well No. C-6							
Farm	m C.J. Hunt						
API No.	47 -	039 -	3661-T.T				

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WEIL TYPE: Oil / Gas / Liquid Injection (If "Gas," Production / Undergro				llow/)
LOCATION: Elevation: 756' Watershed_	Indian Cr	teek		
District: Elk County Ka			e Blue	Creek
		-		
COMPANY GARY ENERGY CORPORATION		_		T_
ADDRESS 112 Indian Lake Dr., Elkview, W.Va.	Casing	Used in	Left	Cement fill up
DESIGNATED AGENT DANIEL L. PAULEY	Tubing	Drilling	in Well	Cu. ft.
ADDRESS 112 Indian Lake Dr., Elkview, W.Va.	Size			
SURFACE OWNER FAYETTE LUMBER COMPANY	20-16 Cond.			
ADDRESS P.O. Box A Dixie, West Virginia 25059	13-10"			
MINERAL RIGHTS OWNER See Title Opinion	9 5/8			
ADDRESS	8 5/8	468 '	468 '	Cement to Surface
OIL AND GAS INSPECTOR FOR THIS WORK Homer	7			
H. Dougherty ADDRESS Looneyville, W.Va.	5 1/2			a same en e
PERMIT ISSUED October 7, 1980	4 1/2	1941.07'	1941.07'	Cement to Surface
DRILLING COMMENCED December 6, 1980	3			
DRILLING COMPLETED December 12, 1980	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED CN	Liners used			
GEOLOGICAL TARGET FORMATION Pocono Weir		Dep-	Lh_ 1772	'feet
Depth of completed well 1951' feet				
Water strata depth: Freshfeet;				
Coal seam depths: 252'- 262', 410'-423'	Is coal	being min	ed in the	area? NO
OPEN FLOW DATA				
Producing formation Weir Sand	Pay	y zone dep	th 1772'	feet
Gas: Initial open flow Mcf/d			·	
Final open flowMcf/d	Fir	nal open f	low	Bbl/d
Time of open flow between init	ial and fi	inal tests	ho	urs
Static rock pressurepsig(surface	e measurer	ment) after	rhou	rs shut in
(If applicable due to multiple completion	:)			
Second producing formation	Pay	zone dep	th	feet
Gas: Initial open flow Mcf/d				
Final open flow Mcf/d				
Time of open flow between init		_		
Static rock pressurepsig(surface	measureme	ent) after	hou	rs shut in
	OCT 25 19	82 (Contin	ue on re	verse side)

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

NOTES

This is a <u>new well</u>. Drilled to 1951'.

Ran 468' of all new 8 5/8" (Grade H 40 20#/ft.) casing and cemented to surface.

Ran 1941.07' of all new 4 1/2" (J55 - 12.6) casing and cemented to surface.

We plan to sue this well for CO₂ Injection.

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sub Base Rock Coal Rock and Shale Rock, Sand and Shale Coal Sand and Shale Shale Salt Sand Shale and Sand Maxon Sand Little Lime Pencil Cave Big Lime Big Injun Shale Weir Sand Shale	0 85 252 262 315 410 423 475 635 1140 1365 1410 1442 1448 1624 1659 1772 1887	85 252 262 315 410 423 475 635 1140 1365 1410 1442 1448 1624 1659 1772 1887 1951	

(Attach separate sheets as necessary)

Well Operator

By: A confidence of the second of the secon

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 weal, encountered in the drilling of a well."

Operator's Well No.	C-6	THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPER
API Well No	o. <u>47</u> - <u>039</u> State County	- 3661-LI Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

LIQUID INJECTION OR WASTE DISPOSAL WELL PERMIT APPLICATION

WELL TYPE: Liquid Injection X / Waste Disposal	
LOCATION: Elevation: 756 ft. Watershed:	Indian Creek
District: Elk County:	Kanawha Quadrangle: Blue Creek
GEOLOGICAL TARGET FORMATION: Pocono (Weir)	
Virgin reservoir pressure in target formation_	150 psig (surface measurement)
Source of information on virgin reservoir pres	sure Measurement from adjacent new well
(C. J. Hunt 3-T)	
WELL OPERATOR Gary Energy Corporation	DESIGNATED AGENT Des Deviles
Address 112 Indian Lake Drive	DESIGNATED AGENT Dan Pauley Address 112 Indian Lake Drive
Elkview, West Virginia 25071	Elkview, West Virginia 25071
ROYALTY OWNER See title opinion	COAL OPERATOR NONE
Address	Address
Acreage 700	coal owner(s) ************************************
SURFACE OWNER Fayette Lumber Company	Name D. L. Ray and Carol Ann Young
Address P. O. Box A	Address
Dixìe, W. Va. 25059	10) = (CLEUV) = IN
Acreage <u>470</u>	Name
OIL & GAS INSPECTOR TO BE NOTIFIED	Address
Name Martin Nichols	
Address P. O. Box 554	COAL LESSES WITH DECLARATION ON RECORD: OIL & GAS DIVISION
Clendenin, W. Va. 25045	Name NONE DEPT OF MINES
548–6993	Address
The undersigned well operator is entitled	to operate for liquid injection or waste disposal
purposes at the above location under a deed/	lease/ other contractX_/ datedJuly 30,
19 <u>80</u> , to the undersigned well operator from	
CIF said deed, lease, or other contract has been re	corded:]
Recorded on August 18, 19 80, in the office	of the Clerk of the County Commission of Kanawha
County, West Virginia, in Assignment Book 93	at page 201. A permit is requested as follows:
PROPOSED WORK: Convert/ Drill X / Drill d	eeper/ Redrill/ Fracture or stimulate_X
Plug off old formation/ Perfo	rate new formation/
Other physical change in well (spec	ify)
planned as shown on the work orde	
Date of first liquid injection or w	aste disposal: June 1 , 19 81
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 thirty (30) 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	e named coal operator, coal owner(s), and coal lesses
on or before the day of the mailing or delivery of	this Permit Application to the Department of Mines
at Charleston, West Virginia.	
Dimign Thousa coping by Asi	
PLEASE SUBMIT COPIES OF ALL GEOPEYSTOAL LOGS DIRECTLY TO:	Gary Energy Corporation
WEST VIRGINIA DIL AND GAS	
	Well Operator
CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST	Well Operator
CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 343-2092	

1 IV-3 verse)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON
FORM IV-35 AND/OR FORM IV-37 UPON COMPLETION

ILLING CONT	RACTOR	.(IF K				o. 0. Box			
			r	adares		,	. Va. 25071		
					E	LIKVIEW, X	· V.Cl.		
OLOGICAL TA	RGET F	FORMATI	ON,	Poco	<u>no 1</u>	(Weir)			
Estimate									able tools/
Approxi	nate wa	ater st	rata de	epths	: Fre	esh, N/A	feet; salt,_	740 feet.	Terresis de la companya de la compa
Approxi	mate co	al sea	m deptl	hs: _	555-	.559 Is	coal being mir	ned in the area	? Yes/ NoX_/
SING AND T	JBING E	PROGRAM	ī		641-	044		and the state of t	
SING OR	i	SPECI	FICATI			FOOTAGE	INTERVALS	CEMENT FILL-UP	PACKERS
BING TYPE	Size	Grade	Weight per ft	New	Used	For drillin	g Left in well	(Cubic feet)	
nductor	13	H40		X		30'	0		Kinds
esh water				ļ					
al				<u> </u>			674		Sizes
termediate	8 5/	8 H40	20#	X			400	To Surface	
oduction	4 1/2	K55	105#	X			5000;	To Surface	Depths set
bing		ļ		<u> </u>	ļ				
ners		·		 					Perforations:
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wel pro	l must vision	obtains of Co	iasep ode§2	arate 0-5A-	perm 5(b)(it from the 7).	Department of i	Mines, the oper Natural Resourc	
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location t	or coa is to The un as exa	1 less be iss dersig	ned cost	has rehin s	erator erator ed well has be	ed a dectard (30) days of WAI own il location.	if receipt ther \[\bar{\text{E}} \bar{\text{R}} \] \[\bar{\text{I}} \bar{\text{E}} \bar{\text{mine map}} \] the mine map.	ssee / of the exists which of the undersized	me coal under this well covers the area of the ed has no objection to complied with all
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Date:			,	19					
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							Its.		