

TRASCO+ MC664

Blue Creek 8-0

1017

Objection



IV-35 (Rev 8-81)

State of Mest Wirginia

Bepartment of Mines Gil und Cas Bivision

Date_	Octob	er 6, 1	982	2
Operat	or's			
Well N	io	C - 4		
Farm_	C.J.	Hunt		
API No). 47 -	- 039	_	3650_1 1

WELL OPERATOR'S REPORT

OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

LOCATION: Elevation: 1002' Watershed_	Indian Cr	eek		
District: Elk County Kanar	wha	Quadrangle	Blue (Creek
COMPANY GARY ENERGY CORPORATION				
ADDRESS 112 Indian Lake Dr., Elkview, W.Va.	Caşing	Used in	Left	Cement
DESIGNATED AGENT Daniel L. Pauley	Tubing	Drilling		fill up Cu. ft.
ADDRESS 112 Indian Lake Dr., Elkview, W.Va.	Size	DITTILIG	ти метт	Cu. It.
SURFACE OWNER Fayette Lumber Company	20-16			
ADDRESS P.O. Box A Dixie, West Virginia 25059	Cond.			
MINERAL RIGHTS OWNER See Title Opinion	13-10"			
ADDRESS	9 5/8			Cement to
OIL AND GAS INSPECTOR FOR THIS WORK Homer	8 5/8	581.58'	581.58'	Surface
H. DoughertyADDRESS Looneyville, W.Va.	7			·
PERMIT ISSUED October 3. 1980	5 1/2			
DRILLING COMMENCED October 11, 1980	4 1/2	2180'	2180'	Cement to Surface
DRILLING COMPLETED November 16, 1980	3			
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2			
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners			
UN	used			
EDOLOGICAL TARGET FORMATION Pocono Weir	Z	Dept	-h 2005	foot
Depth of completed well 2180 feet F				feet
Water strata depth: Freshfeet;			: 10015	
Coal seam depths: 440' to 445', 497'-510'			راب المالي	2 NO
268'to 272'	is coar	perna ume	a in the	area? NO
OPEN FLOW DATA				
Producing formation Weir Sand	Pay	zone dept	h 2005	feet
Gas: Initial open flowMcf/d	Oil: Ini	tial open	flow	Bbl/d
Final open flow Mcf/d	Fin	al open fl	.ow	Bbl/d
Time of open flow between initi	al and fi	nal tests	ho	urs
Static rock pressurepsig(surface	measurem	ent) after	hou	rs shut in
(If applicable due to multiple completion-				
Second producing formation	Pay	zone dept	h	feet
Gas: Initial open flow Mcf/d	Oil: Ini	tial open	flow	Bbl/d
Final open flow Mcf/d	Oil: Fin	al open fl	.cw	Bbl /d
Time of open flow between initi				
Static rock pressurepsig(surface				

(Continue on reverse side)

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

NOTES

This is a new well. Drilled to 2180'.

Ran all new 8 5/8" casing to 581.58' (Grade H 40, 20#/ft.) cemented to surface.

Ran all new 4 1/2" casing to 2180' (J55 - 12.6) and cemented to surface.

We plan to use this well for $\hat{H}_{\hat{2}}$ Injection.

changed to Caz

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Shale Sand and Shale Coal Sand and Shale Coal Rock, sand with shale Sand Shale Sand and Shale Shale with sand Sand Shale Salt Sand Sand Shale Maxon Sand Sand Shale Little Lime Big Lime Shale Squaw Sand Shale Weir Sand Shale	0 200 268 272 465 477 485 554 575 915 939 1485 1575 1630 1666 1770 1905 1924 1946 2005 2107	200 268 272 465 477 485 554 575 915 939 1485 1575 1630 1666 1770 1905 1924 1946 2005 2107 2167	

(Attach separate sheets as necessary)

GARY ENERGY CORPORATION	
Well Operator	
By:	
Date: 2-14-83	

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 coul, encountered in the drilling of a well."



IV-35 (Rev 8-81)

RECEIVED

OCT 1 8 1982

State of Mest Virginia

Bepartment of Mines Gil und Gas Bivision

Date	Octob	er 6, 1	982
Opera	ator's		
Well	No	C - 4	
Farm	C.J.	Hunt	
API N	ю. ₄₇ -	039	3659-LI

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

OCATION: Elevation: 1002' Watershed	Indian Cr	eek		
District: Elk County Kanas	wha	Quadrangle	Blue C	reek
OMPANY GARY ENERGY CORPORATION				
DDRESS 112 Indian Lake Dr., Elkview, W.Va.	Caşing	Used in	Left	Cement
DESIGNATED AGENT Daniel L. Pauley	Tubing	Drilling	in Well	fill up Cu. ft.
ADDRESS 112 Indian Lake Dr., Elkview, W.Va.	Size		·	
SURFACE OWNER Fayette Lumber Company	20-16 Cond.			
DDRESS P.O. Box A Dixie, West Virginia 25059	13-10"			
MINERAL RIGHTS OWNER See Title Opinion	9 5/8			
ADDRESS	8 5/8	581 581	581.58'	Cement to Surface
OIL AND GAS INSPECTOR FOR THIS WORK Homer	7	301.30	301.30	Juliace
H. DoughertyADDRFSS Looneyville, W.Va.	5 1/2			
PERMIT ISSUED October 3, 1980	4 1/2	2180'	2180'	Cement to Surface
DRILLING COMMENCED October 11, 1980	3	2180	2100	Jurrace
DRILLING COMPLETED November 16, 1980	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED UN	Liners used			
FOLOGICAL TARGET FORMATION Pocono Weir		Dep	th 2005	feet
Depth of completed well 2180 feet 1			***************************************	
Water strata depth: Freshfeet;				
Coal seam depths: 440' to 445', 497'-510'				e area? NO
268'to 272' OPEN FLOW DATA	•			***************************************
Producing formation Weir Sand	Pa	y zone dep	th 2005	feet
Gas: Initial open flowMcf/d	Oil: In	itial open	flow	Bbl/d
Final open flow Mcf/d	Fi	nal open f	low	Bbl/d
Time of open flow between init	ial and f	inal tests	ho	ours
Static rock pressurepsig(surface	e measure	ment) afte	rhou	ırs shut in
(If applicable due to multiple completion)		•	
Second producing formation	Pa	y zone dep	th	feet
Coas Initial open flow	Oil: In	itial open	flow	Bbl/d
Gas: Initial open flow Mcf/d				
Final open flow Mcf/d	Oil: Fi	nal open f	low	Bbl/d

FORM IV-35 (PEVERSE)

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

NOTES

This is a new well. Drilled to 2180'. Ran all new 8 5/8" casing to 581.58' (Grade H 40, 20#/ft.) cemented to surface. Ran all new 4 1/2" casing to 2180' (J55-12.6) and cemented to surface.

We plan to use 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
Shale	0	200	
Sand and Shale	200	268	
Coal	268	272	
Sand and Shale	272	465	
Coal	465	477	
Rock, sand with shale	477	485	
Sand Shale	485	554	
Sand and Shale	554	575	
Shale with sand	575	915	
Sand Shale	915	939	
Salt Sand	939	1485	
Sand Shale	1485	1575	
Maxon Sand	1575	1630	
Sand Shale	1630	1666	
Little Lime	1666	1770	
Big Lime	1770	1905	
Shale	1905	1924	
Squaw Sand	1924	1946	
Shale	1946	2005	
Weir Sand	2005	2107	
Shale	2107	2167	
	-		
	C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-		
	1	ł i	

(Attach separate sheets as necessary)

By:

Date: 10-15 82

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 count, encountered in the drilling of a well."

[08-78]

Operator Well No.	3	C-4	s. Profit Contributions and account
API Well	No.	47 - 039 State County	3659_LI

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

LIQUID INJECTION OR WASTE DISPOSAL WELL PERMIT APPLICATION

			aste Disposal		
LOCATION:	Elevation:	1002 ft.	Watershed:	Indian Cr	reek
	District: _	Elk	County:	Kanawha	Quadrangle: <u>Blue Creek</u>
					mate depth 2000 feet
					urface measurement)
					ent from adjacent new well
		ergy Corpora		DESIGNATED A	GENT Dan Pauley
Addres	s <u>112 Ind:</u>	ian Lake Dri	ze	Address	112 Indian Lake Drive
	Elkview	, West Virgin	nia 25071		Elkview, West Virginia 25071
ROYALTY OWN	ER See t	itle opinion		COAL OPERATO	R <u>NONE</u>
Addres	S				
Acreag	e <u>700</u>	· · · · · · · · · · · · · · · · · · ·		COAL OWNER(S)
SURFACE OWN	ER <u>Fayett</u>	e Lumber Com	pany	Name D. I	. Ray and Carol Ann Young
Addres	s <u>P.O.</u>	Box A		Address	DECENTED
	Dixie,	West Virgin	ia 2 5059		- KEGGOVE
	e <u>470</u>			Name	
	NSPECTOR TO			Address	OCT - 3 1980
		nols			OH & CAS DIVISION
Addres		Box 554		COAL LESSEE	WITH DECLARATION ON ONLO SEAS DIVISION IE DEPT. OF MINES
		nin, W. Va.	25045		
	548 – 69	93		Address	P. Marie C. Company of the Company o
19 <u>80</u> , to [If said dec Recorded on County, Wes	the undersi	gned well opera r other contract 3, , 19 80, in Assignmer	tor from Pe to has been recoin the office of the book 93 a	rmeator Corp rded:] f the Clerk of t page/ Red te new formati	the County Commission of Kanawha A permit is requested as follows: rill / Fracture or stimulate X on/
			the work order		
m.					June 1 , 19 81
					ssee are hereby notified that any 3 must be filed with the Department
					100 by the Department.
					nd reclamation plan have been mailed
					rator, coal owner(s), and coal lesses
					ication to the Department of Mines
	on, West Vir				
	IT COPIES OF LOGS DIRECT			Gar	y Energy Corporation
CONSERV	IA DIL AND G ATIOM DOMMES GTON STREET WV 25312	310%		Эу	Well Operator Organia
TELEPHONE:	1304) 34843	092		Its Pro	dustion Manager
	ANKETB				

M IV-3 verse)

-78]

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 KN					ciates, Inc		
			A	ddress). Box 3			
					_Elks	riew, W.	Va. 25071	****	
EOLOGICAL TA	RGET F	ORMATIC	ом, <u>І</u>	ocono	(We				
Estimate	d dept	oo lo d	omplete	d well					Cable tools/
Approxim	nate wa	ter st	rata de	pths:	Fresh,	N/A f	eet; salt,	740 feet. .1240	y vas / No Y /
Approxim	nate co	al sea	m depth	ns: <u>5</u>	<u>55-559</u> 41 - 644) Is	coal being mir	ned in the area	? Yes/ NoX_/
ASING AND TU	JBING P	ROGRAM		٥	7.7.7.7.1	r			n. avana
ASING OR UBING TYPE	Size	1	FICATION Weight	1 1	sed For		INTERVALS Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
onductor	13	H40		Х	30		0		Kinds
resh water									
oal							174		Sizes
ntermediate	8 5/8	в н40	20#	Х			4001	To Surface	
roduction	4 1/2		105#	X			2000'	To Surface	Depths set
ubing				1 1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
iners									Perforations:
•									Top Bottom
				1					
	<u> </u>	<u></u>	<u> </u>					<u> </u>	
of whe is VGTS 2: In wel pro	re francted cadditi l must vision	oposed A sepacturing as such on to t obtain	well. prate F or st on th the per n a sep ode § 2	orm IV- imulat; e Form mit rea arate; 0-5A-5	-3 shall ing is t IV-3 fr quired permit (b)(7).	l not be z to be part iled in co from the l from the l	required for f t of the work onnection ther Department of Department of	racturing or st for which a per ewith.	
All pi	rovinos	s being	in ac	cordanc	e with	Chapter 2	2,		
						oy approve			
						hall expire			
opera	tions ho	ave not	comme	nced by	6-7	-81	mo &		•
,	1	9/4	un	Ues					
D	eputy D	irector.	-0il/2/	Ggs/Dir	risi on		ية والله الله الله الله الله الله الله الل		
well loca	or cod is to Is to The unhas exition,	t less be iss ndersig	ned contains pure this pure the contains a contains pure the contains pure the contains a contains	has re thin th al oper roposed tion ha	rator_i well las been	W A I V / own location. added to	f receipt then ER ler / le If a mine man the mine map.	ssee / of t	he coal under this well covers the area of the ed has no objection to complied with all
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Date:			,	19					
							Зу		
							Its		-76 3 1 1 1