





STATE OF WEST VIRGINIA DEPARTMENT OF MINES

JUL 2 5 1977

OUNGAS DIVISION

Oil and Gas Division

WELL RECORD

Quadrangle Morgantown North (7-1/2' series)

Permit No. Mon-358

Company Gas	pro, Inc. bridge, Ohio ett Lynch,et al Aco		Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Location (waters) Well No. 2	Cheat River	1,122,0'	Size 20-16			
District_Unic	n	ngalia (Cond.	per selection in the second se		_
The surface of tro	ect is owned in fee by R.	Hummert !	3-10"	and the substitute of the subs		
Lynch	et al		9 5/8	452'	452'	$\frac{1}{1}$ Cmt. to surf
Address 1053	VanVoorhis Rd.,M	organtown,	8 5/8	454	1 454	$\frac{1}{w}/140 \text{ sx}$
Mineral rights are	or and by Same					W/ 140 3K
_Ad	dress Same	- Andrew Co	5 1/2		1 0741	Cmt. w/200 s
Drilling Commence	ced 3/15/77		4 1/2	the state of the s	1,974'	- CIIIC. W/200 3
Drilling Complete	d 3/19/77	and the state of t	3	and the second s		
Initial onto flow	cu. ft.	0 bbls.	2	**** ***		-
Timel moduction	260 M cu. ft. per day	0bbls.	Liners Used			
Pinal production	8 hrs. before test 6	00# RP.		1. 99. 9	THE RESERVE OF THE PARTY OF THE	
Well treatment d		and the control of th	Attach copy of c	ementing rec	ord.	
Well treatment u	dstone perf. 1905					holes
Berea San	th 790 bbls. flui	36 000	The sand	RDP 25	00 lbs.	: AIR 20 BPM
Frac'd Wi	PSI; Big Injun S	(4 porf 1	173-1475'	w/4 ho1	cs: 145	59-1465' W/
ATP 3,400	1445-1449' w/8 l	alace DDD	2600 lbs :	ATR 32	RPM: /	ATP 2177
12 holes;	185.: used 1,110	101 <u>05; 50r</u>	OE 000	$\frac{1}{1}$	0-10 sd	-
TSIP 1800	Ths.: used L. LLC	1 DOIS. LE	110000000	7 103. 2	010 000	
	•			In al		
Coal was encoun	tered at	Feet_	C. 1. 1	Incl	hes	Feet
E 1 4	tered at	Feet_	Salt \	Water		Feet
E 1 4	tered at	Feet_	Salt \	Water		Feet
E 1 4	tered at	Feet_	Salt \	Water	MCF	* Remarks
Fresh waterProducing Sand Formation	tered atFe Berea, Big Inju Color Hard or Soft	FeetFeetTop Feet	Salt V Deptl Bottom Feet	Vater	MCF	
Fresh waterProducing Sand	tered atFe Berea, Big Inju Color Hard or Soft Gray	Top Feet	Deptl Deptl Dottom Feet	Vater	MCF	
Fresh waterProducing SandFormation & Shale le &	tered atFe Berea, Big Inju Color Hard or Soft	FeetFeetTop Feet	Salt V Deptl Bottom Feet	Vater	MCF	
Fresh waterProducing SandFormation & Shale le & Sandstone	Color Hard or Soft Gray Red & Gray	Top Fcet 0 67	Bottom Feet 67 170	Vater	MCF	
Fresh waterProducing Sand Formation & Shale le & Sandstone dstone	tered at Fe Berea, Big Inju Color Hard or Soft Gray Red & Gray Gray Ilard	Feet	Salt N Depth	Vater	MCF	
Fresh water Producing Sand Formation & Shale le & Sandstone dstone le	tered atFe Berea, Big Inju Color Hard or Soft Gray Red & Gray Gray Hard Rod&Gray	Feet_et	Bottom Feet 67 170	Vater	MCF	
Fresh water Producing Sand Formation & Shale le & Sandstone dstone le & Shale	color Hard or Soft Gray Red & Gray Gray Ilard Rod&Gray Gray Gray	Feet	Salt \ Depth Dottom Feet 67	Vater	MCF	
Fresh water Producing Sand Formation & Shale le & Sandstone dstone le & Shale	tered atFe Berea, Big Inju Color Hard or Soft Gray Red & Gray Gray Hard Rod&Gray	Top Fcet 0 67 170 183 219	Salt No. Depth Depth Feet 67 170 183 219 279	Vater	MCF	
Fresh water Producing Sand Formation & Shale le & Sandstone dstone le & Shale	color Hard or Soft Gray Red & Gray Gray Ilard Rod&Gray Gray Gray	Feet_et	Salt No. Depth Depth Feet 67 170 183 219 279 298 299 379	Vater	MCF	
Fresh water Producing Sand Formation & Shale le & Sandstone lstone le & Shale le 1 1'	Color Hard or Soft Gray Red & Gray Gray Hard Gray Red & Gray Rod&Gray Gray Red Soft Red&Gray Soft	Feet_et	Salt No. Depth Depth Feet 67 170 183 219 279 298 299 379 382	Oil, Gas	MCF	
Fresh waterProducing SandFormation	Color Hard or Soft Gray Red & Gray Gray Ilard Red&Gray Gray Red Soft Red&Gray Soft Red&Gray Soft	Feet	Salt No. Depth Depth Depth Feet 67 170 183 219 279 298 299 379 382 440	Vater	MCF	
Fresh water Producing Sand Formation & Shale le & Sandstone le & Shale le le 1 ' le le le le	Color Hard or Soft Gray Red & Gray Gray Ilard Rod&Gray Gray Red Soft Red&Gray Soft Red Soft	Feet	Salt No. Depth Depth Feet 67 170 183 219 279 298 299 379 382 440 450	Oil, Gas	MCF	
Fresh water Producing Sand Formation & Shale le & Sandstone le & Shale le I I I e I I e I c I stone	Color Hard or Soft Gray Red & Gray Gray Hard Gray Hard Red&Gray Gro Red Soft Red&Gray Soft Red Soft	Top Feet 0 67 170 183 219 279 298 299 379 382 440 450	Bottom Feet 67 170 183 219 279 298 299 379 382 440 450 480	Oil, Gas	MCF	
Fresh water Producing Sand Formation & Shale le & Sandstone lstone le Shale le 1 ' le 1 le	Color Hard or Soft Gray Red & Gray Gray Hard Gray Gray Gray Soft Red & Soft Gray Hard Red&Gray Soft Gray Hard Red&Gray Soft Gray Hard Red&Gray Soft Gray Hard	Top Feet 0 67 170 183 219 279 298 299 379 382 440 450 480	Salt No. Depth Dep	Oil, Gas	MCF	
Fresh water Producing Sand Formation & Shale le & Sandstone lstone le Shale le le le le le le le le	Color Hard or Soft Gray Red & Gray Gray Hard Gray Gray Hard Red&Gray Gray Red Soft Red Soft Red Soft Red Soft Gray Hard Red&Gray Soft Gray Hard Red&Gray Soft Gray Hard Red&Gray Soft	Top Feet 0 67 170 183 219 279 298 299 379 382 440 450 480 532	Bottom Feet 67 170 183 219 279 298 299 379 382 440 450 480 532 570	Oil, Gas	MCF	
Fresh water Producing Sand Formation & Shale le & Sandstone le & Shale le 1 1' le 1 le dstone le dstone	Color Hard or Soft Gray Red & Gray Gray Hard Gray Gray Hard Red&Gray Gray Red Soft Red Soft Red Soft Gray Hard Red&Gray Soft Gray Hard	Top Feet 0 67 170 183 219 279 298 299 379 382 440 450 480 532 570	Salt No. Depth Dep	Oil, Gas	MCF	
Fresh water Producing Sand Formation & Shale le & Sandstone le & Shale le ! le le ! le dstone le dstone le dstone	Color Hard or Soft Gray Red & Gray Gray Hard Gray Gray Soft Red & Soft Red & Gray Soft Red & Soft Red & Soft Red & Soft Red & Soft Gray Hard Red&Gray Soft	Top Feet 0 67 170 183 219 279 298 299 379 382 440 450 480 532	Salt No. Depth Dep	Oil, Gas	MCF	
Fresh water Producing Sand Formation & Shale le & Sandstone le & Shale le l	Color Hard or Soft Gray Red & Gray Gray Hard Gray Gray Hard Red&Gray Gray Red Soft Red Soft Red Soft Gray Hard Red&Gray Soft Gray Hard	Top Feet 0 67 170 183 219 279 298 299 379 382 440 450 480 532 570 600	Salt No. Depth Dep	Oil, Gas	MCF	
Fresh water Producing Sand Formation & Shale le & Sandstone lstone le I l' le I le dstone le dstone le dstone le dstone	Color Hard or Soft Gray Red & Gray Gray Hard Gray Hard Red&Gray Gray Soft Red Soft Red Soft Red Soft Red&Gray Soft Gray Hard Red&Gray Soft Gray Hard Red&Gray Soft Gray Hard Red&Gray Soft Gray Hard Red&Gray Soft Gray Soft	Top Feet 0 67 170 183 219 279 298 299 379 382 440 450 480 532 570 600 609	Bottom Feet 67 170 183 219 279 298 299 379 382 440 450 480 532 570 600 609 679 680 721	Oil, Gas	MCF	
Fresh water Producing Sand Formation & Shale le & Sandstone le & Shale le l	Color Hard or Soft Gray Red & Gray Gray Hard Gray Hard Red&Gray Gray Soft Red Soft Red Soft Red Soft Red Soft Gray Hard Red&Gray Soft Gray Hard Red&Gray Soft Gray Hard Red&Gray Soft Gray Hard Red&Gray Soft Gray Soft	Top Feet 0 67 170 183 219 279 298 299 379 382 440 450 480 532 570 600 609 679	Salt No. Depth Dep	Oil, Gas	MCF	

⁽over)

^{*} Indicates Electric Log tops in the remarks section.

Hard 1,834 1,873 1,884 1,907 1,913	Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks	;
Sandstone title Lime	ale ale ale ndstone ale mdstone ale ndstone	Gray Gray Gray Gray Gray Gray	Soft Hard Soft Hard Soft	791 864 865 896 905 909 970 986	864 865 896 905 909 970 986 1,032			
## 1,827 1,834 1,873 1,834 1,873 1,834 1,873 1,873 1,884 1,907 1,913 1,950 1,913 1,950 1,962 1,973 1,9	ttle Lime ale g Lime Injun San w Sand le gaw Sand	dstone		1,272 1,302 1,400 1,533 1,547 1,615	1,302 1,400 1,533 1,547 1,615 1,705			
Hale & Gray Hard 1,834 1,873 1,884 1,907 1,913 1,950 1,950 1,950 1,962 1,973 2,050 2,115 2,120 2,143 1,873 1,884 1,907 1,913 1,950 1,962 1,973 2,050 2,115 2,120 2,143 2,149 1,950 1,962 1,973 2,150 2,115 2,120 2,143 1,950 2,115 2,120 2,143 1,950 2,115 2,120 2,143 2,149 2,175 2,181 1,950 2,149 2,175 2,181 1,975 2,1		Gray		n 1,827	1,834			
## And the Gray Hard 1,873 1,884 1,907 1,913 1,913 1,950 1,950 1,950 1,962 1,973 1,913 1,950 1,962 1,973 1,913 1,950 1,962 1,973 1,950 1,962 1,962 1,973 1,950 1,962 1,973 1,950 1,962 1,973 1,950 1,950 1,950 1,962 1,973 1,950 1,950 1,950 1,962 1,950 1,962 1,962 1,962 1,973 1,950 1,962 1,962 1,973 1,950 1,962 1,962 1,973 1,950 1,962 1,962 1,973 1,950 1,962 1,962 1,973 1,950 1,962 1,962 1,973 1,950 1,962 1,973 1,950 1,962 1,973 1,950 1,962 1,962 1,973 1,950 1,962 1,973 1,950 1,950 1,962 1,973 1,950 1,950 1,950 1,962 1,973 1,950 1,950 1,950 1,962 1,973 1,950 1,950 1,950 1,962 1,962 1,950 1,962 1,950 1,962	nale &	Gray		1,834	1,873			
antz Sandstone Gray Hard 1,950 1,962 1,973 and & Shale Gray Hard 1,975 2,050 bale & Sd. Gray Hard 2,050 2,115 2,120 Sd. hale Red&Gray Hard 2,143 2,149 1e Red&Gray Hard 2,173 2,181 and stone le & Sand Gray Hard 2,173 2,181 and stone le & Sand Gray Hard 2,478 Interbedded hale & Sand Gray Hard 2,478 Bayard 77 Gray Hard 2,529 Cray Hard 2,550 Cray Hard	andstone nale andstone nale &	Gray Gray	Hard Hard	1,884 1,907	1,907 1,913			
hale Red&Gray Hard 2,120 2,143 2,149 1e Red&Gray Hard 1e Red&Gray Hard 2,145 2,173 2,181 2,173 2,181 2,430 1e & Sand Gray Hard Interbedded Hale Gray Hard 2,478 And & Shale Gray Hard 2,500 2,529 Bayard 7 Gray Hard 2,529 2,550	antz Sandstome hale and & Shale hale & Sd. ordon Stray	Gray Gray Gray	Hard Hard Hard	1,962 1,973 2,050	1,973 2,050 2,115			
le & Sand Gray nterbedded le & Sand Gray Interbedded hale	hale ndstone le Aon	Gray Red&G	Hard ray	2,143 2,149	2,149 2,173			
11e & Sand Gray	le & Sand			2,181	2,430			
hale Gray Hard 2,478 2,500 and & Shale Gray Hard 2,500 2,529 Bayard 70 hale Gray Hard 2,529 2,550	ile & Sand	Gray		2,430	2,478			
Bayard Gray Hard 2,529 2,550	hale	Gray						
T. D. 2. F.F.O.	Bayard VT	D	Hard	2,529	2,550		•	
1.D. 2,550				T.D.	2,550			

10.77--Date July 20 APPROVED __ Gaspro, Inc. .:





Oil and Gas Division OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	DATE February 23, 1977
Charleston, W. Va.	
Surface Owner R. Emmett Lynch, et al	Company Gaspro, Inc.
Address 1053 VanVoorhis Road Morgantown, WV R. Emmett Lynch, et al	Address Cambridge, Unio
Morgantown, WV R. Emmett Lynch, et al	Farm. Emmett Lynch etal Acres 552.83
	Location (waters) Cheat River
Address Same D Emmett Lynch et al	Well No. 2 Elevation 1,122.0'
	District Union County Monongalia
Address	Quadrangle Morgantown North (7-1.2' series)
Coal Operator None	Quadrangie
AddressHIS PERMIT MUST BE POSTED AT THE WELL SITE	
Ill provisions being in accordance with Chapter 22,	
of the W. Va. Code, the location is hereby approved	
drilling . This permit shall expire if	
perations have not commenced by 7-7-77	
Dobuth was	INSPECTOR TO BE NOTIFIED William Blosser
Deputy Director - Oil & Gas Division	263_0105 Colfax, W.Va.
GENTLEMEN:	
- 1 11ton in ontitled to drill upon the	above named farm or tract of land for oil and gas, having fee
	stod Sept. 1/ 19/0 byk. Ellilliett Lylich
made to Eastern Mountain F	uel Inc. et a
19.76 in Monongalia County, Book 784	Page469
VV PRINTED PRI	REDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED	
The enclosed plat was prepared by a registered engineer of have been notified as of the above date.	or licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or f	notified that any objection they wish to make, or are required iled with the Department of Mines within ten (10) days. *
Copies of this notice and the enclosed plat were mailed by	registered mail, or delivered to the above named coal operators
or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the De	epartment of Mines at Charleston, West Virginia.
	Very truly yours, gaspro, nc.
"I have read and understand the	(Sign Name) When XXX Agent
reclamation requirements as set	100
forth in Chapter 22, Art. 4, Sec. 12-B and will carry out the specified	P. O. Box 189
requirements."	and the control of th
Well Ope	crator Cambridge City or Town
(Signed by) Gaspro, Inc.	
1	Ohio
$//_{a}$	State
Volume De	

*SECTION 3.... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

CASE DEPOSIT
HELD BY TREASURER

MON-358 PERMIT NUMBER

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

DD 000000	WORK ORDER TO	XX DRILL	DEEPEN	FRACTURE-STIMULATE
	ONTER ACTOR (I	Known)	RESPONSIBLE AGEN	T:
DRILLING C	rkins & Summ	ers Drilling, Inc.	NAME Patricl	k J. Burns
ADDDDGG C	ambridge, Ob	io	ADDRESS P. O.	Box 5325, Vienna, WV
	614-439-35		TELEPHONE 304	-485-1191
TELEPHONE	DEPOSIT OF COMP	TETED WELL. 5, 000'	ROTARY XX	_ CABLE TOOLS
ESTIMATED	DEPTH OF COMP	AMATION: Benson		-
PROPOSED	GEOLOGICAL FOR	CAS XX CO	MR STORAG	GE DISPOSAL
TYPE OF W	ELL: OIL	DECYCLIN	C WATER F	LOODOTHER
TENTATIVE	CASING PROGRA		<u> </u>	
CASING	AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16				
13 - 10				Ä
9 - 5/8				
8 - 5/8		1,160'	1,160'	cement to surface
7				
5 ½	, , , , , , , , , , , , , , , , , , , ,		F 0001	1,300'
4 ½			5,000'	Perf. Top
3				Perf. Bottom
Liners				Perf. Top
				Perf. Bottom
		CR DEPTHS 400 FEET 500'		ER <u>1,000</u> FEET
				
TO DRILL: SUBM OF PI	IT FIVE (5) COPII	ES OF OG - 1, \$100.00 PERMI	T FEE, PERFORMANCE	E BOND AND PERMANENT COPY
	DEEPER OR REDI	o i i i i .		
SUBM WELL	IT FIVE (5) COPIE	S OF OG - 1, SHOWING ORIGI R TO 1929, A PERMANENT CO	NAL PERMIT NUMBER OPY OF THE PLAT AN	AND PERFORMANCE BOND. ON ND THE ORIGINAL WELL RECORD
OIL A				(5) COPIES OG - 1, PERFORMANCE
OIL A	AND/OR GAS WELL	ORIGINALLY DRILLED ON A	ND/OR AFTER JUNE 5,	1929, FIVE COPIES OG - 1, SHOW-
		NUMBER, AND PERFORMANCE		ase. Inspector to be notified twenty-
	(24) hours in advance		completion for boile for	
	e e			
The thereof.	following waiver mu	ast be completed by the coal op	erator if the permit is to	be issued within ten days of receipt
	I the undersigned,	Agent for	Coal Company, O	wner or Operator of the coal under
		mined and place on our mine n		
	We theproviding operator Code.	Coal Company has complied with all rules and re	have no objections to segulations in Articles 4, 5,	aid well being drilled at this location, and 7, Chapter 22 of the West Virginia
				For Coal Company
				Official Title

FORM IV-38 (Affidavit of Plugging)

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



AFFIDAVIT OF PLUGGING AND FILLING WELL

OIL & GAS DIVISION

IDAVIT SHOULD BE MADE IN retained by the Well Ope mailed to each coal oper	ator at them re			
		Gasp	ro, Inc. Name of Well Opera	tor
Coal Operator or Owner			189, Cambridge, Ohio	
Address			Complete Address	•
Address		Marc	eh 15, WELL AND LOCATION	1985
Coal Operator or Ov	vner			
		Unic	on	_ District
Address		Mone	ongalia	County
Lease or Property	Owner .	NO	2	
		WELL NO		V
Address			R. E. Lynch	Farm
CATE INSPECTOR SUPERVISIN	G PLUGGING	onald Ellis		
ALE INSTITUTOR BOT BRV 1911				
	AFFI	DAVIT		
TATE OF WEST VIRGINIA,	ss:			
ounty of		, m	mil Clutter	
Larry Helmick		and Ter	LLAE THOU STP PRUELL	ienced in the
eing first duly sworn acc ork of plugging and fill	cording to law de	pose and say	employed by R. L	. Wharton
ork of plugging and fill	ing oil and gas,	oinated	in the work of plugs	ging and fill
ng the above well, that	said work was con	nmenced on the	_6thday of	March
ng the above well, that 9 85, and that the we	11 was plugged a	nd filled in t	he following manner	•
Zana Roserd	Filling	Material	Plugs Used	Casing
Sand or Zone Record	11111118		Size & Kind	C S G C S G
Formation	Gel			
1974 - 1924	Cement		41/2"	900' 107
1924 - 1824 1824 - 1520	Gel			
1520 - 1420	Cement			
	Gel			
1420 - 900	Cement			
900 - 800	Gel			
800 - 550	Cement			
550 - 450				
450 - 0	Gel			
			111	
			1112 4	-24-85
				of Monument
Coal Seams				
(Name)			Casing exter	HOTHE CHONE
(Name)			ground 30" Permit No.	ctamped
(Name)			Permit No.	s camped
(Name)				
	of plugging and f	illing said we	ell was completed or	n the <u>8th</u> d
and that the work of	. 19 or .	TITING COLD W.	- -	
		L	4. pglebuch	
And further deponer	HES SAILH HOL.	M	1000,77	
		oth 1	int -	19 /
	before me this	gith day of	earl Clistle	
	before me this	gith day of		
Sworn to and subscribed	before me this	gith day of		
Sworn to and subscribed	SES	OFFICIAL SEAL	Mene Murra Notary Public	ey andlene Cer
	SES	into muonomaniammana anto di ny fisa di sila d	Mene Murra Notary Public	

P. O. Box 213, Weston, 20452 My commission expires Neveni, et 3, 1843