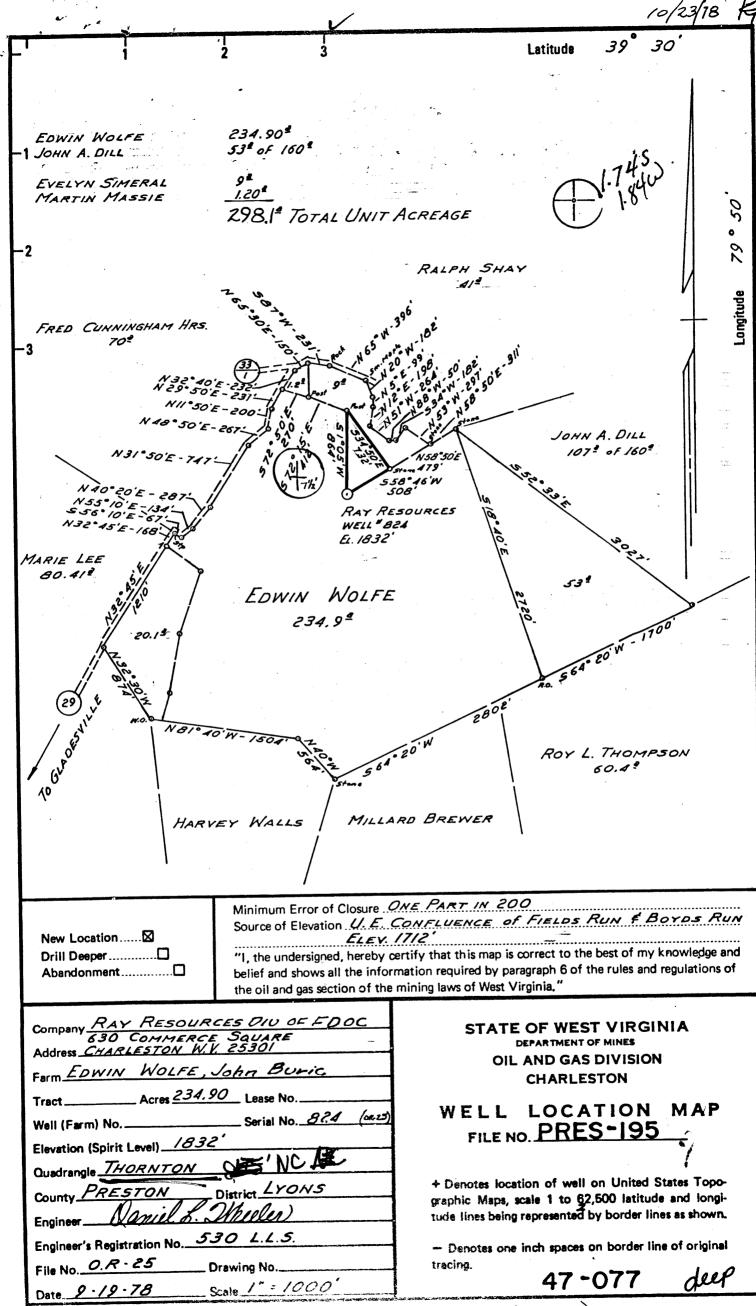
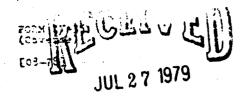


6-65outh Burns Chapel (313) Deep Well



6-65. Burns Chapel (313)



11te: 7/	26 17 79
Operator's	Edwin Wolfe
API Well No.	17 - 077 - 195

OIL & GAS DIVISION DEPARTMENT OF MENT OF AND GAS DEVESTOR DEPT. OF MINES

WELL OPERATOR'S REPORT 34.

OF

DRILLING, FRACTURING AND/OR STEWNIATING, OR PRESIDED GRANGE

	011/	Cas	<u> </u>	iiq(uid I:	niestan <u>.</u> Annaus arar	Wasta Dis	pos11/ Deep/ Sa	allow /)
CATION:	Elevation	l:	1832'		Wet	ershed:	Fields Cr	reek Th	ornton
	District:	I	yon		Çau	nty: Presto)II Gits	drangle: The	
<u>0</u> 25347	SE BOW V	ALLEY	EXPLO	RATI	ON (U.S.) INOES	SICHATED AGE:	William	"Smokey" Stove
	630 0						Address	Culloden	, W. Va.
Web 43	Char								ak, - nggan tir ng punggan - ngghuhu yagintipan ngir da nemilijutipa uk s
ENTITED A	monk: Dri	LL XX	/ Conv	ers _		Drill dasper	Red-1	11/ Frac	ing or etimeter
	Plu	g off	old form	121101	1	/ Perforate	new formation	n/	
	Oth	er phy	sical c	nanse	in w	ell (specify)		ga viganisani para para panggandari da ngangananani maganangga kadi	and the second of the second o
		Oate	obor 2		1078	a o	tt. & GAS INSF	ector for this	WCRK:
	עבם פאי							am Blosser	
CONT	MECUS PRO	72255IC):	コニエニし	LING C	25.		P. O. Box 1	,
REWOR	TING. VE				'ALNE		Mantena .	Colfax, W.	Va. 26566
			. 19					and the state of t	
EOLOGICA	i Target F	ORMATIC	3N:	Hu	nter	sville Cuer	<u> </u>	_ gryen	546 Cent
								ible Mooks	***
Wate	r strata d	: ding.	Fresh,	38;1	42:-	t; #AJ.T,	est.	·	
Coal	seam dept	ha: —	7 90	79		_ Is coal bei	ing mined in	3-17	79
York	was comme	nced _	L-20.	-70		, 19, 8	ind completed		
	D TUBING :							5001	MCF
	_			NS	1	POCTAGE I	NTERVALS 1	CENENT FILL-US	g Packers
LASING OR PUBLING TY	23	امدمدا	Weight	.,,,	77 8 00	Tan da117155	tafe to wat:	CR SACKS (Cubic fees)	~
			20.22					To Surf.	
	13-3	/ o					Propositional Application and Application of State (1999).		
Fresh wat	er					:	<u> </u>	ĺ	Stres
Ccal		<u></u>	26			1224 56	1334 56	475 Sks.	4
	8-5/		36	X		1334.30	A THE PERSON NAMED AND ADDRESS OF TAXABLE PARTY.	270 Sks.	14
Productio	on 4-1/	i	10.5	X	}			1 270 DR3.	
בהנבעים	2-3/	<u>18"</u>	}	 			7567		
Liners		 	 	 	 	N d	1	3	Werforzaions:
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	H		<u> </u>	<u> </u>	<u> </u>			<u> </u>	1
Cien bro	W DATA			Hunt	ters	ville Chert		Par tore desi	7546
2=0									
	Gas: I:	aitial	open IL	ow,	<u> </u>	::c:/6	Tini minuma Tinuma		2h1/A
	7:							open flow,	
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	epplicab					The second secon			-
						ne			tb
Sec									高見てどき
Sec	Gas: I	nitial	chau t	rox,		Tef/d	011: INITE	er aber tram. "	
Sec	Gas: I	inal o	pen flor	٧, .			Final	open flow, hos	361/4

FORM IV-35 (Reverse)

[03-78]

DETAILS OF PERPOPATED INTERVALS, PRACTURING OR STIMULATIONS, PRESIDENCE CHANGE, ETC.

Chert fraced with 1139 bbls. of water, 35,000# 20/40 Sand, 35,000# 80/100 Sand and 5,000 gals. acid.

Average treatment pressure - 5,092 psi

Average injection rate - 35.2 BPM

ISIP - 4000 psi; after 15 min. 3600 psi

H.H.P. 4393

WELL LOG

PORMATION	Color	Sard or	Top Feet	18 18 18 18 18 18 18 18 18 18 18 18 18 1	morarys Including indination of all fresh End sait wenor, east, eit and gas
		- Language		COMMENSATION CONTRACTOR SECTION OF THE	т (1811-ж.) до 1819 жили продолжения продолжения и подделжения до 1819 жили продолжения в продуктивного в продусти в предусти в продусти в применения в предусти
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Tully Lime	- Control to the Cont	exercitable in the	7126	7320	
Shale	HERO MAN COMPANY OF THE COURSE	end control	7220	7530	
Onondaga		EL CROMBITA DE	7530	7546	
Huntersville	ANTERIOR NO ANTERI	ANTICONOMINA CONTRACTOR CONTRACTO	7546	7730)	
Chert	CALLEGE CONTRACTOR CON	and particular			
Oriskany	CONTRACTOR OF THE CONTRACTOR O	COMP. PRINCE AND ADDRESS OF THE PRINCE AND A	7730	7770	
Helderburg Lime	TO THE OWNER OF THE OWNER OWN	T-4, Larvetterion	7770	7842	Total Nepth
	nik produktore en	The very section to the section of t	Particular of Carlo		
	Mary and the same of	AND THE PARTY OF T	The contract of the contract o		
	ender the design of the second	A CONTRACTOR OF THE PROPERTY O	T. 1. 1. Martin 0		
	CONTRACTOR	Note: Continue to the continue	A P		
		No. of the last of	and the parties		*
		and Address of the state of the	A CONTRACTOR OF THE CONTRACTOR		
		Authority (Constitution)	and the second s		
			A Charge Control		

(Attach reparete chases to semplose as necessary)

BOW VALLEY EMPI	OKATIOM	(3.87)	INC.	
Be with the second	ak i ghermagadan ka wa aga gesa		1775 de Parletti inguleiro (del Probinso mendo 155	etteraren de Japan angeloge.
and the same of th	June Di	11 4	English Same	
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ceologist	The second secon	San Committee State of States	The section during the section of th	ALCOHOL WATER COMMENTS AND
Tel		The state of the s		

7072: Asgulzzion 2.32(i) provides as follows:

"The serm 'lag' or 'well log' shall mean a systematic, described geological record of all formations, including stall, encountered in the drilling of a well."





DEPARTMENT OF MINES

OIL & GAS LIVISION DEFT. OF MINES

Oil and Gas Division



OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,			
Charleston, W. Va.	DATE		
Surface Owner John Buric	Comp	RAY RESOURCES, DIV	VISION OF CORPORATION
Address Gatesburg, Maryland	_	630 Commerce Sq.,	
Mineral Owner Edwin Wolfe			Acres 23.49 234.9
Address Independence, W. Va.		on (waters) Fields Cre	rek
Coal Owner.			Elevation 1832
Address	2	t Lyons	
Coal Operator None			•
Address			
THIS PERMIT MUST BE POSTED AT THE WE	LL SITE		
All provisions being in accordance with Chap of the W. Va. Code, the location is hereby ap	proved	מו	
for <u>drilling</u> . This permit shall e		TIFIED William Blo	osser
operations have not commenced by 2-23-3	70 .		
	ADDRESS	P. O. Box 1028, Colf	ax, W. Va. 26566
Deputy Director - Oil & Gas Division	PHONE	363-9105	
GENTLEMEN:			
The undersigned well operator is entitled to dri	ill upon the above n	amed farm or tract of land fo	or oil and gas having fee
title thereto, (or as the case may be) under grant			
Gas made to Ray Resources			
19 in County, Book _			uay or
NEW WELLDRILL DE	EPERF	REDRILLFRACI	URE OR STIMULATE
OIL AND GAS WELL ORIGINALLY	DRILLED BEFOR	E JUNE 5, 1969.	
The enclosed plat was prepared by a registered have been notified as of the above date.	engineer or licensed	l land surveyor and all coal	owners and/or operators
The above named coal owners and/or operator at to make by Section 3 of the Code, must be received	are hereby notified t ed by, or filed with	hat any objection they wish the Department of Mines wit	to make, or are required hin ten (10) days. *
Copies of this notice and the enclosed plat were or coal owners at their above shown respective ac same day with the mailing or delivery of this copy	ddress	day	before, or on the
		RAY RESOURCES	, DIVISION OF
PLEASE SUBMIT COPIES OF ALL	Very trul		ID OIL CORPORATION
GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Nar	me) Well Operator	7 200
		(30. 0	2 ·
WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY	Address	630 Commerce Street	Square
P. O. BOX 879	of Well Operator	Charleston,	
MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331		City or Town	an ann an g-a-gailt an de an gair ann an gairt an dùr an dùr an an gairt an gairt a le an dùr an dù r
AC-304 - 292-6331		West Virginia	25301
		State	
*SECTION 3 If no objections are filed or for notice and plat by the department of mines, to said propo the filing of such plat, that no objections have been made to and the well operator authorized to proceed.	sed location, the departs	ment shall forthwith issue to the v	vell operator a permit reciting
BLANKET BOND		PRES-195	PERMIT NUMBER
"I have read and understand the reclamation requireme Chapter 22, Article 4, Section 12-b and will carry out the sp	ents as set forth in ecified requirements."	47- 077	
Signed by Xuf Cell Kan			

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

PROPOSED WORK ORDER TO	XX DRILL	DEEPEN FRACTURE-STIMULATE			
DRILLING CONTRACTOR: (If		RESPONSIBLE AGENT:			
NAME RAY RESOURCES, DIV		NAME William E. Stover ADDRESS Culloden, W. Va.			
ADDRESS 630 Commerce Sq					
TELEPHONE 344-8393					
ESTIMATED DEPTH OF COMPL			CABLE TOOLS		
PROPOSED GEOLOGICAL FORM	H. Chert				
TYPE OF WELL: OIL_	CAS XX CC	MR STORAGE	DISPOSAT.		
TYPE OF WELL: OIL_			ODOTHER		
	RECICEN	WATER PEOC	OTHER		
TENTATIVE CASING PROGRAM	:				
CASING AND TUBING	USED FOR	LEFT IN	CEMENT FILL UP		
SIZE	DRILLING	WELL	OR SACKS - CUBIC FT.		
20 - 16					
13 - 10 13 - 3/8"	30'	30'	To Surface		
9 - 5/8	1325'	1325'	To Surface		
8 - 5/8					
7 5 ½					
4 ½	7890 '	7890'			
3			Perf. Top		
2			Perf. Bottom		
Liners			Perf. Top		
			Perf. Bottom		
APPROXIMATE FRESH WATER	DEPTHSFEET_	SALT WATER _			
APPROXIMATE COAL DEPTHS	None	•	· ·		
IS COAL BEING MINED IN THI		BY WHOM?			
•					
TO DRILL: SUBMIT FIVE (5) COPIES OF PLAT.	OF OG - 1, \$100.00 PERMI	r fee, performance bo	ND AND PERMANENT COPY		
TO DRILL DEEPER OR REDRIL	L:		•		
• •	O 1929, A PERMANENT CO		D PERFORMANCE BOND. ON HE ORIGINAL WELL RECORD		
TO FRACTURE - STIMULATE:					
OIL AND/OR GAS WELL O	RIGINALLY DRILLED BEFOR AND ORIGINAL WELL REC		OPIES OG - 1, PERFORMANCE		
	RIGINALLY DRILLED ON AN MBER,AND PERFORMANCE	The state of the s), FIVE COPIES OG - 1, SHOW-		
Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.					
			,		
The following waiver must 1	be completed by the coal ope	rator if the permit is to be i	ssued within ten days of receipt		
thereof.					
WAIVER: I the undersigned, Age this lease have examine	nt fored and place on our mine ma		_		
We the	Coal Company	have no objections to said we	ell being drilled at this location,		
	- · · · · · · · · · · · · · · · · · · ·		, Chapter 22 of the West Virginia		
	e e				
	-	Fo	or Coal Company		
· · · · ·			Official Title		