



STATE OF WEST VINGINIA DEPARTMENT OF MINES

## Oil and Gas Division

RECORD SE

Casing and

Tubing

20-16

Cond

13-10

9 5/8

8 5/8

5 1/2

4 1/2

Liners Used

Bottom Feet

1468

1551

1678

1814

2020

2060

2168

2/89

2493

Attach copy of cementing i

Depth 224

Quadrangle Basis Rus Permit No 47-073-0750

Columbia

District LACALATAE

Well treatment details:

Coal was encountered at .. 

Producing Sand...

Formation

157 SALT

2ND SALT

300 SALT

MAXON

Biglime

KEENER

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Sand of half of the hand

BERST

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WELCH STAY

COLVIN

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A CON CONTRACTOR STATE OF THE S

The surface of tract is owned in fee by Rose Es

Well open and an amount of the before less and RP.

FRACTURE MARKET AL

Hard or Soft

TO STATE OF THE ST

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3021-38

Top Feet

14/1

1501

1621

1781

16/200

2021

006/

2/69

2466

2537

2154

PERFORMANCES

Address Rot 39, St. Means Wa.

Mineral rights are owned by Same A CAS CS many and a second sec

Drilling Commenced\_4\_5\_A

Drilling Completed 4-12-79 Final production 44,222 cu. ft. per day 4

1500 884 450

Color

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Used in Drilling	Laft in Well	Cement fill up	
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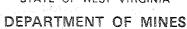
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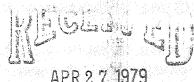
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Formation Color Hard or Soft	Top Post 56	Bottom Feet	Oil, Gas on Water " Remarks
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Golbon STRAY	285	537/5	Gaz-s
GORDON MAY	2952	2973	Gas & 014
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Date Lander State State

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OIL & GAS DIVISION DEPT. OF MINES

## Oil and Gas Division

## OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE 4-26-79
Surface Owner Roger Colvin	Company C. W. Riggs, Inc.
Address Rt. 39, St. Marys, W. Va.	Address Box 358, St. Marys, W. Va.
Mineral Owner Roger Colvin	
Address Rt. 39, St. Marys, W. Va.	
Coal Owner Roger Colvin	그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그
Address Rt. 39, St. Marys, W. Va.	
Coal Operator None .	
Address PERMIT MUST BE POSTED AT THE WELL SITE	
/ revisions being in accordance with Chapter 22	
o www. Va. Code, the location is hereby approved	
for <u>drilling</u> . This permit shall expire if I	NSPECTOR
a erglions have never mency d by 12-30-79	O BE NOTIFIED Philip Tracy
	DDRESS <u>Middlebourne, W. Va.</u>
are considerable and the construction of the c	WONE PEOC ACED
Depart Control of the	HONE <u>758-4573</u>
GENTLEMEN:	
The undersigned well operator is entitled to drill upon the	above named farm or tract of land for oil and gas, having fee
title thereto, (or as the case may be) under grant or lease d	
	and recorded on the day of March
1979, in Pleasants County, Book 151	
	REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED	
THE CASE WILLIAM ORIGINAL PRINCIPLE	DEFORE JUNE 5, 1969.
The enclosed plat was prepared by a registered engineer o	r licensed land surveyor and all coal owners and/or operators
have been notified as of the above date.	
The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or fi	notified that any objection they wish to make, or are required led 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	day before, or on the partment of Mines at Charleston, West Virginia
PLEASE SUBMIT COPIES OF ALL	Very truly yours,
GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Name) Well Operator
TECH MIDOTNIA GEOLOGICAL AND	
WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY Addres	Box 358 Street
P. O. BOX 879	
MORGANTOWN, WEST VIRGINIA 26505 Well Opera	
AC-304 - 292-6331	
	W. Va.
	The state of the s

\*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.

47-073-0750

PERMIT NUMBER

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

PROPOSED WORK ORDER TO	X DRILL	DEEPEN	FRACTURE STIMULATE	
DRILLING CONTRACTOR: (If	Known)	RESPONSIBLE AGENT		
NAME Little Swiss D	rilling			
ADDRESS Buchannon, W.	. Va.			
TELEPHONE 472-6396	<del>garage and a respective a single stream and a service and a service as a service a</del>			
ESTIMATED DEPTH OF COMPL				
PROPOSED GEOLOGICAL FORM			WARRED LONG.	
TYPE OF WELL: OIL_			NCP PLANCE AT	
		LING WATER		
	1111010	WAIER	CLUCK	
TENTATIVE CASING PROGRAM	<b>5.</b>	•		
CASING AND TUBING	USED FOR	LI!TIN	CIMINT HIL UP	
S1ZL	DRILLING	WILL	OR SACKS CUBIC 11.	
<u>20 - 16</u> 13 - 10	and the second s			
9 - 5/8		the state of the s		
8 - 5/8			The second secon	
7		250'	cement_top-bottom	
5 1/2				
4. 1/2		32251	200	
3	the control of the co	363	200 sks. Pert Ton	
2			Perf. Bottom	
Liners			Perf. Top	
			Perf. Bottom	
APPROXIMATE FRESH WATER	DEPTHS 105 FEET	SALT WATE	R FEET	
APPROXIMATE COAL DEPTHS		The same and the s	FEP.	
S COAL BEING MINED IN THE	AREA2 NO	The Wife Control of the Control of t		
		BY WHOM?		
O DRILL:				
SUBMIT FIVE (5) COPIES ( OF PLAT.	OF OG - 1, \$100.00 PERM	WIT FEE, PERFORMANCE	BOND AND PERMANENT COPY	
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O DRILL DEEPER OR REDRILL	atika dalam je bio odovi objekt		on on the company of the property of the	
SUBMIT FIVE (5) COPIES O	F OG - 1, SHOWING ORIG	GINAL PERMIT NUMBER	AND PERFORMANCE BOND. ON	
WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTED	Jaza, A PERMANENT	COPY OF THE PLAT AND	D THE ORIGINAL WELL RECORD	
THE STATE OF THE S				
O FRACTURE - STIMULATE:				
OIL AND/OR GAS WELL OR BOND, PERMANENT PLAT	IGINALLY DRILLED BEF	ORE JUNE 5, 1929, FIVE (	5) COPIES OG 1, PERFORMANCE	
OIL AND/OR GAS WELL OR	IGINALLY DRILLED ON A	AND/OR AFTER HINE 5 1	929, FIVE COPIES OG - 1, SHOW-	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	DER, AND PERFORMANC	E BOND.		
Required forms must be filed	within ninety (90) days of	completion for bond releas	e. Inspector to be notified twenty-	
( - ) and an advance.				
			પુત્ર નથી નામણા પ્રાથમિક અને પ્રાથમિક અધિન પ્રાથમિક અધિન એન્સ્ટ સ્પૃત્ર નુશેસ નામુક્કીની પાતાર નામિક મોદિક અધિન અધિન	
The following waiver must be nereof.	completed by the coal or	perator if the permit is to b	e issued within ton days of receipt	
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AIVER: I the undersigned, Agent	, for	Coal Company, Owr	ner or Operator of the coal under	
rive rease usas exsuined	and place on our mine m	name this meanward		
We the	Coal Company	have no objections to said	well being drilled at this location,	
providing operator has con	mplied with all rules and re-	gulations in Articles 4 5 and	d 7, Chapter 22 of the West Virginia	
Code.			, Chapter 22 of the West Virginia	
en e				
			For Coal Company	
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