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STATE OF WEST VIRGINIA

#### DEPARTMENT OF MINES OF. & GAS DIVISION

#### Oil and Gas Division WELL RECORD 84

DEPT. OF MINE

FEB 22 1980

Rotary\_ Cable\_ Recycling Comb.

Permit No. 47-095-70705			Water Flood Storage Kind	
Company C.W. Kigys TAC.  Address St. Macys W. Va  Farm John Welch Acres 182	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Location (waters) SIGAR CKECK  Well No. R-148 Elev. 761'	Size			•
District Mesole County Tyler	20-16 Cond.			
The surface of tract is owned in fee by	13-10"	250	250	
Address Wick, W.Va.	8 5/8	773	2731	
Mineral rights are owned by Sohw Welch	7			
Address SAME	5 1/2			
Drilling Commenced 7-4-79  Drilling Completed 7-8-79	4 1/2		2848	4555Ks
Initial open flow cu. ft bbls.	2		-	
Final production 32 CC cu. ft. per day bbls.  Well open hrs. before test RP.	Liners Used			
Well treatment details:	Attach copy of co	ementing reco		Shots
Fracture Treatment	ICAA RA	0/ 1/		
100,000 - SAND,	118,000	SCE N	12	100

Coal was encountered at .. Feet. Fresh water\_\_\_ \_Salt Water\_ Producing Sand

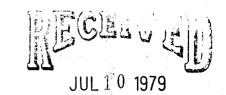
Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water * Remarks
	1301.	1340	
Ast SALL SAND	1355	1395'	* TOP LOG
3rd 5111 37NO	14 23'	1446.	
MAXON	1480	1534'	
Fig 1 me	1554'	1609.	
Keener	16,00	1681	
Injun	1663	1831	
Squau	1832'	1845'	
Welch Study	2064'	2095'	
Berez	2186'	2197'	
	1	l l	•

<sup>(</sup>over)

Formation Color Hard or S	oft Top Feet 8	Bottom Feet	Oil. Gas or Water	* Remarks
50 FOOT	2320'	2364	,	
30 FOOT	2408'	2470	012 \$ 6705	
GORDON Stray	2.5 30	25 68'		
GERPON	2605'	2,6501		
	-			
4/12 ,500 0	2680.	2089		•
		drlr TD 6tm 41/211	on log 2861 esg 2848	

Date	Feb 13,	19 50
APPROVED	CW. Riggs, INC.	Owner
В\	John Schnew	
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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,	The second secon
Charleston, W. Va.	DATE 6-19-78
Surface Owner John Welch	
AddressWick_W.Va.	
Mineral Owner John Welch	
Address Wick, W. Va.	Location (waters) Sugar Creek
	Well No. R-148 Elevation 761
Address Wick, W. V.	District Meade County Tyler
Coal Operator None	Quadrangle Middlebourne, W. Va.
Address	Quadrangle MICCIEDOUFRE, W.Va.
provisions being in accordance with Chapter 22, the W. Va. Code, the location is hereby approved drilling This permit shall expire if erations have not commenced by 3-10-80	INSPECTOR TO BE NOTIFIED Phillip Tracy  ADDRESS Middlebourne W.Va.
Total A	
Deputy Director - Oil & Gas Division	PHONE 758-4573
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 great or loss	an dated
Welch made to Loren Bagley	May 24 19/75 by John and recorded on the 22nd day of June
1979 iTyler County, Book 219	Page 435
OH AND CAS WELL OPERING	REDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRIL	LED BEFORE JUNE 5, 1969.
the above date.	er or licensed land surveyor and all coal owners and/or operators
to make by Section 3 of the Code, must be received by, c	by notified that any objection they wish to make, or are required or filed with the Department of Mines within ten (10) days.
Copies of this notice and the enclosed plat were mailed	)P minn' of activeted to file applied unused world wherethe
Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the	day hafaa aa aa
Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective addresssame day with the mailing or delivery of this copy to the	day hafaa aa aa
same day with the mailing or delivery of this copy to the	day hafana an as
same day with the mailing or delivery of this copy to the	Department of Mines at Charleston, West Virginia.  Very truly yours,
PLEASE SUBMIT COPIES OF ALL SEOPHYSICAL LOGS DIRECTLY TO:	Department of Mines at Charleston, West Virginia.
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	Department of Mines at Charleston, West Virginia.  Very truly yours,  (Sign Name)  West Operator  Box 358
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY	Department of Mines at Charleston, West Virginia.  Very truly yours,  (Sign Name)  West Operator  Box 358  dress  Street
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY Add O. BOX 879	Department of Mines at Charleston, West Virginia.  Very truly yours,  (Sign Name)  West Operator  Box 358  dress  Street
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  VEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY  2. O. BOX 879  Well O  Well O	Department of Mines at Charleston, West Virginia.  Very truly yours,  (Sign Name)  Box 358  dress  Street
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  VEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY  2. 0. BOX 879	Department of Mines at Charleston, West Virginia.  Very truly yours,  (Sign Name)  West Operator  Box 358  dress of Operator  St. Marys

\*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.

BLANKET BOND

47-095-0705

PERMIT NUMBER

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

PROPO	SED WORK ORDER TO	DRILL	DEEPEN	RACTURE CTIMES ATE
DRILLII	NG CONTRACTOR: (II	Known)	RESPONSIBLE AGENT	The state of the s
NAME_	Little Swiss Dr	illing	NAME C. W. Rig	1 V
ADDRE	88 Buchannon, W. V	Za		727
TELEPH	IONE 472-6396	address consists of the second control of the contr	TELEPHONE 684-	3974
ESTIMA	TED DEPTH OF COMPLE	ETED WELL 2900		
PROPOS	ED GEOLOGICAL FORM	ATION Upper Devon:	ian version	CADOM LOOM
TYPE O	F WELL: OIL_	GAS C	OMB X STORAGE	Plance
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	1	· · · · ·	WAIER FLO	OOD OTHER
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CAS	ING AND TUBING	USED FOR	LIET IN	CIMINFILITU
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OIL A	AND/OR GAS WELL ORIO	GINALLY DRILLED BEFOR	E JUNE 5, 1929, FIVE (5) C	OPIES OG., 1, PERFORMANCE
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ING	ORIGINAL PERMIT NUMB	INALLY DRILLED ON ANI ER,AND PERFORMANCE I	D/OR AFTER JUNE 5, 1929	FIVE COPIES OG - 1, SHOW-
		- CHICAMANCE I	BUND.	
Kequi four (	red forms must be filed w 24) hours in advance.	ithin ninety (90) days of co	mpletion for bond release.	Inspector to be notified twenty
·	24) nours in advance.			e e
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The (	ollowing waiver must be	completed by the coal proces	Son if the regards is on the be	sued within ten days of receipt
ereof.	1 fg	ompleted by the coal opera	tor if the permit is to be is	sued within ten days of receipt
Alver:	the undersigned Alen i	nh and place on our mine map	— Anni Hampany, Awner i	If Operator of the coal under
			s this proposed well location	n. ( <u>)</u>
	We the	Coal Company ha	ve no objections to said wel	l being drilled at this location,
	providing operator has completely considered to the con	plied with all rules and regula	tions in Articles 4, 5, and 7,	I being drilled at this location, Chapter 22 of the West Virginia
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	en e		For	Coal Company
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	t ye			Official Title

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