



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Division WELL RECORD 80

Quadrangle_	Middleberene			
-	47-095 - 0693			

	VE
FEB 22	1980

	GAS DIVISION
Rotary EPI.	OF MINES
Cable Recycling	Gas
Water Flood_	Storage
Disposal	(Kind)

					Kina
Company C. W Riggs INC		Casing and	Used in	Left	Company 5:11
Address St. MARKS W. VA.		Tubing	Drilling	in Well	Cement fill up Cu. ft. (Sks.)
Farm Botty Mean					(5.5.)
Location (waters) <u>Sugar Crock</u> Well No. 2	Flev 873 25'	Size			1
District Meade County 7	4/40-	20-16 Cond.			
The surface of tract is owned in fee by		13(0)	250	250	
Postly Moore		9 5/8			
Address on day become ou Vo		8 5/8	896"	896'	
fineral rights are owned by 1994		7			
Address Afric rilling Commenced 8 - 12 7		5 1/2 4 1/2			455 31
rilling Completed \$ 17-75		$\frac{41/2}{3}$	-	2974) 430 m
nitial open flowcu, ft		2			
inal production 4500cu. ft. per day		Liners Used			
ell openhrs. before tes					
FRACTORE TRESPINE	1				
1500 BBI	11,0,1	100 000	SANO	1150	DO SCF NZ
				, , ,	
Formation Color Hard or Soft	Top Feet	Bottom Feet	0:1 6	****	
COW RUN	995'	1249'	Oil, Gas or		Remarks
	1357	1409	THE TOX	206	
AST SALL SAMO	i	1498'			
2nd Sill SAND	1470'				
3.xl SALL SAND	1549	1580'			
	1				
MAXCH					
0 .	1658	16 85			
Die Lune	1658	1685			
Big Line					
•	1058	1685			
Recier	1705'	1685' 1767' 1 79 1'			
Recier	1058	1685			
Keener	1658 1705' 1768' 1812'	1685' 1767' 1 79 1'			
Keener Enjes Squaw	1658 1705' 1768' 1812' 1952'	1085' 1767' 1 79 1' 1950'			
Keener Injus Squaw	1658 1705' 1768' 1812'	1685' 1767' 1 78 1' 1950'			
Keener Enjer Squaw Velch Stray	1058 1705' 1768' 1812' 1952' 2129'	1085' 1767' 1 79 1' 1950'			
Keener Enjer Squaw Jelch Stray	1058 1705' 1768' 1812' 1952' 2129' 2204'	1685' 1767' 1 79 1' 1950' 1961' 2153'			
Recover ENjer Squaw Nelch Stray Berca 50 Foot	1058 1705' 1768' 1812' 1952' 2129'	1685' 1767' 1 79 1' 1950' 1961' 2153' 2214'			

(over)

Formation Calor	Hard or Soft		Bottom Feet	Oil, Gas or Water	• Remarks
GORDON St.	esy	2676'	27/2	CAS	
Cocous		27591	2810'	Gns	
4th SAND		2676' 2759' 2851'	2866'		
		2974-1-10	av		
		2974-6tm dr1r7000/1	9 2990		**
					·

DateFeb 13 ,	19 20
APPROVED C.W. R. 995 INC	Owner
By John Schneid) (~
J. S. C. T. atm	



JUN - 1 1979

OH & GAS DIVISION DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

Charleston, W. Va.	DATE 5-30-79
Surface Owner Betty M. Moore	Company C. W. Riggs Inc.
Address Middlebourne, W. Va.	
Mineral Owner Betty M. Moore	Farm Moore - Acres 263
Address Middlebourne, W. Va.	
Coal Owner Betty M. Moore	
	District MeadeCounty Tyler
Coal Operator None	Quadrangle Middlebourne, W. Va.
Address	
	A Secretarian Company
IS PERMIT MUST BE POSTED AT THE WELL SITE	The first of the second
provisions being in accordance with Chapter 22, the W. Va. Code, the location is hereby approved	INSPECTOR TO BE NOTIFIED Philip Tracy
drilling, This permit shall expire if	ADDRESS Middlebourne, W. Va.
erations have met commenced by 2-4-80	PHONE 758-4573
OENTA EMENOr - Oil & Gas Division	
	the above named farm or tract of land for oil and gos, having fee March 17 79 Barker
title thereto, (or as the case may be) under grant or les	the above named farm of tract of land for all and gas, having fee March 17 19 Barker 29th day of March
and Moore made to Loren Bagley	and recorded on the 29th day of March
1979 in Tyler County, Book 218	Page 459
X NEW WELL DRILL DEEPER	REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRIE	LLED BEFORE JUNE 5, 1969.
The enclosed plat was prepared by a registered engine have been notified as of the above date.	er or licensed land surveyor and all coal crimins and for operators
The above named coal owners and/or operator are her to make by Section 3 of the Cede, must be received by,	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 englosed plat were mailed or coal owners at their above shown respective address	daybefore, or on the
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 GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Name) L W Kings
WEST VIRGINIA GROLOGICAL AND	Box 358
ECONOMIC SURVEY	
P. O. BOX 879	St. Marys
MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331:	e françois de displate, franco (Gru 🗷 Tombo) (Gru 🗷 Horizon)
	W. Va.
$\frac{1}{2} \frac{\partial \Phi}{\partial \theta} = \frac{1}{2} \frac{\partial \Phi}{\partial \theta} \left[\frac{\partial \Phi}{\partial \theta} \left(\frac{\partial \Phi}{\partial \theta} \right) - \frac{\partial \Phi}{\partial \theta} \left(\frac{\partial \Phi}{\partial \theta} \right) \right] + \frac{\partial \Phi}{\partial \theta} \left[\frac{\partial \Phi}{\partial \theta} \left(\frac{\partial \Phi}{\partial \theta} \right) - \frac{\partial \Phi}{\partial \theta} \left(\frac{\partial \Phi}{\partial \theta} \right) \right] + \frac{\partial \Phi}{\partial \theta} \left[\frac{\partial \Phi}{\partial \theta} \left(\frac{\partial \Phi}{\partial \theta} \right) - \frac{\partial \Phi}{\partial \theta} \left(\frac{\partial \Phi}{\partial \theta} \right) \right] + \frac{\partial \Phi}{\partial \theta} \left[\frac{\partial \Phi}{\partial \theta} \left(\frac{\partial \Phi}{\partial \theta} \right) - \frac{\partial \Phi}{\partial \theta} \left(\frac{\partial \Phi}{\partial \theta} \right) \right] + \frac{\partial \Phi}{\partial \theta} \left[\frac{\partial \Phi}{\partial \theta} \left(\frac{\partial \Phi}{\partial \theta} \right) - 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*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 aggregator a parmit 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 mane is approved and the well operator authorized to proceed.

BLANKET BOND

47-095-0693

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

PROPOSED WORK ORDER TO	DRILL	DEEPEN	FRACTURESTIMULATE
DRILLING CONTRACTOR: (If	Known)	RESPONSIBLE AGE	NT
NAME Little Swiss I	rilling	NAME C. W. Ri	ggs, Inc. Marys, W. Va.
ADDRESS Buchannon, V	V. Va.	ADDRESS St. N	larys, W. Va.
18LEPHONE 4/2-035	76	TELEPHONE 68	34-3974
ESTIMATED DEPTH OF COMPI	LETED WELL: 3000'	ROTARY X	
PROPOSED GEOLOGICAL FOR		pian $G_{\mathbb{P}^2(S_G)}$	
TYPE OF WELL: OIL_	GA8	COMB. XX STORA	GE DISPOSAL
	RECYC	LING WATER F	LOOD OTHER
TENTATIVE CASING PROGRAM		•	
CASING AND TUBING SIZE	USED FOR DRILLING	LIET IN WILE	CIMINT THE UP
20 - 16			OR SACKS CUBIC 11.
13 - 10			en participation de la secución de las productivas de la constanción de la constanci
9 - 5/H			
8 - 5/H 250 ¹		250'	cement top-bottom
5 1/2			
1 1/2		30001	1 •
		3000	
iners			
APPROXIMATE COAL DEPTHS_ S COAL BEING MINED IN THE			FEET :
O DRILL:			
SUBMIT FIVE (5) COPIES (OF PLAT.	OF OG - 1, \$100.00 PERM	IIT FEE, PERFORMANCE	BOND AND PERMANENT COPY
O DRILL DEEPER OR REDRILL SUBMIT FIVE (5) COPIES O	F OG . 1 SHOWING ORIG	INAL PERMIT NUMBER A	ND PERFORMANCE BOND. ON
MUST ALSO BE SUBMITTED		OPY OF THE PLAT AND	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD
FRACTURE - STIMULATE:			
OIL AND/OR GAS WELL OR	GINALLY DRULED BEFO	DE IIINE	COPIES OG - 1, PERFORMANCE
	THE CHICKING WELL RE	LAIRCII	
OIL AND/OR GAS WELL OR! ING ORIGINAL PERMIT NUM	GINALLY DRILLED ON A	ND OD A DOWN	29, FIVE COPIES OG - 1, SHOW-
			Inspector to be notified twenty-
			and the second of the second o
The fall of a			$\label{eq:constraints} \mathbf{v}_{i} = \mathbf{v}_{i} + \mathbf{v}_{i}$
The following waiver must be reof.	completed by the coal ope	rator if the permit is to be	issued within ten days of receipt
this lease have examined	And plans on an artist	Cost Company, Owne	r or Operator of the coal under
	The property of the same and	the rute brobosed well local	log.
providing courses has	Coel Company I	have no objections to mid w	vell help drilled at this location,
Code.	ager bas seint ile and regu	stations in Articles 4, 5, and	7. Chapter 22 of the West Virginia
		· ·	or Coal Company
		,	