2350 Garage



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Division WELL RECORD 85

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FEB 2 2	1980

Quadrangle Middle bourne. Permit No. 47-695 - 0706 Company C. W. Rege

OIL & GA	AS DIVISION
DEPT	FIMINES
Cable	Gas
Recycling	Comb.
Water Flood_	Storage
Disposal	(Viad)

Farm Juhn Weich	Acres 182'	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Well No. R - 149	Flev 7.54	Size 20-16		· · · · · · · · · · · · · · · · · · ·	
District Mesde County	Tyler	Cond.			
The surface of tract is owned in fee by_		13-10"	250	250	e e
Address Welch		9 5/8			
Address W. K. W. V.	· / io t.i.f	8 5/8	764	764'	
Mineral rights are owned by Sohn	LCFICK	7			
Drilling Commenced 8-26	70	5 1/2			
Drilling Completed 8 29-	74	4 1/2		2.700'	455 SKS
Initial open flow cu. ft.		2	-		
Final production 39,000 cu. ft. per da	bbls.	Liners Used			
Well openhrs. before ter	st — RP				
1 1200 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mest "				25 shots
	7 77		66,000+	115,00	~D. 20 SOF712
Coal was encountered at 10//4 Fresh water 10//1	FeetFeet	Salt V	Water Inches	/A	Feet
Formation Color Hard or Soft	Feet Feet	Salt V	Water		
Formation Color Hard or Soft	Feet	Salt V Depth Bottom Feet	Vater N 2421-2 Oil, Gas or V	Vater *	Feet
Formation Color Hard or Soft	Feet	Bottom Feet	Water	Vater *	
Formation Color Hard or Soft Ast. Sattl Saturd	Top Feet	Bottom Feet 1123 1270'	Vater N 2421-2 Oil, Gas or V	Vater *	
Formation Color Hard or Soft COLOR RUN Asi Sall Sand 2nd Sall Sand	Top Feet 12000	Bottom Feet 1123	Vater N 2421-2 Oil, Gas or V	Vater *	
Formation Color Hard or Soft COLOR RUN Asi Sall Sand 2nd Sall Sand	Top Feet	Bottom Feet 1123 1270 1355 1436	Vater N 2421-2 Oil, Gas or V	Vater *	
Formation Color Hard or Soft COLO RUN ASI SAII SANO 2ND SAII SANO SAII SANO SAII SANO	Top Feet 12000	Bottom Feet 1123	Vater N 2421-2 Oil, Gas or V	Vater *	
Formation Color Hard or Soft COLO RUN ASI SAII SANO 2ND SAII SANO MAJON	Top Feet 12ccs 13751	Salt V Depth	Vater N 2421-2 Oil, Gas or V	Vater *	
Formation Color Hard or Soft Formation Color Hard or Soft Asi Sall Salvo 2nd Sall Salvo Bod Sall Salvo Major Bay Lac	Top Feet 12.0 (1) 13.5 (1) 13.5 (1) 14.8 (1)	Bottom Feet 1123 1270 1355 1436 1537	Vater N 2421-2 Oil, Gas or V	Vater *	
Formation Color Hard or Soft COLO RUN ASI SAII SAND 2ND SAII SAND MAZON Boy Lone Keesen	Top Feet 12000 1305 1305 1400 1580	Salt V Depth	Vater N 2421-2 Oil, Gas or V	Vater *	
Formation Color Hard or Soft Color Run Ast Sall Salvo 2nd Sall Salvo And Sall Salvo Major Keesen	Top Feet 12000 1375 1395 1481 1580 1626	Salt V Depth	Vater N 2421-2 Oil, Gas or V	Vater *	
Formation Color Hard or Soft COLOR RUN Asi Sall Sand 2nd Sall Sand	Top Feet 12000 1315 1335 14181 1580 1626 1660	Bottom Feet 123 1270 1355 1436 1531 1625 1625 1782	Vater N 2421-2 Oil, Gas or V	Vater *	
Formation Color Hard or Soft Formation Color Hard or Soft COLO KON ASI. SAII SANO 2ND SAII SANO MAYON B. J. M. SAII SANO MAYON Squaw Squaw	Top Feet 1200 1315 1395 1481 1580 1626 1660 1810	Salt V Depth Bottom Feet 1123' 1270' 1355' 1436' 1537' 1625' 1657' 1782' 1782'	Vater N 2421-2 Oil, Gas or V	Vater *	

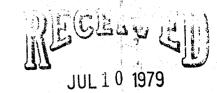
Formation	Color	Hard or Soft	Top Feet 85	Bottom Feet	Oil. Gas or Water	* Remarks
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MHA SOLON			2 68 21	drlr to 6+m44	on log 2982 "csg 2700	
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Date Feb 13, 19 80
APPROVED C.W Rygs INC Owner
By John Schnerde

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DEPARTMENT OF MINES



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 6-19-79	
Surface Owner John Welch	Company C.W. Riggs; In	ic.
Address Wick W. Va.	Box 358.St.Ma	rys,W.Va.
Mineral Owner John Welch	Farm John Welch	Acres 182Ac . 130P
Address Wick, W. Va.	Location (waters) Sugar Cre	ek
Coal Owner John Welch		Elevation 754
Address Wick, W. Va.	District Mead	
Coal Operator None	Quadrangle Middlebourne	.,W.Va.
Address		
THIS PERMIT MUST BE POSTED AT THE WELL SITE All provisions being in accordance with Chapter 22,		
of the vy. ya. Code, the location is hereby approved	INSPECTOR TO BE NOTIFIED Phillip Tr	acv
for <u>drilling</u> This permit shall expire if operations have not commerced by 3-10-80	ADDRESS Middlebour	
- Solet 1 4	PHONE 758-4573	
GENTLEMEN Director - Oil & Gas Division		1 term
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Welch made to Loren Bagley 19 ⁷⁹ in County Book 219	se dated May 24 197 22n and recorded on the	9 by John
	- ·	
NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILL	LED BEFORE JUNE 5, 1969.	CTURE OR STIMULATE
The enclosed plat was prepared by a registered enginee have been notified as of the above date.	or licensed land surveyor and all cos	al owners and/or operators
The above named coal owners and/or operator are herelto make by Section 3 of the Code, must be received by, o	by notified that any objection they wish or filed with the Department of Mines w	h to make, or are required within ten (10) days.
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	by registered mail, or delivered to the a day Department of Mines at Charleston, Wes	The state of the s
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	Very truly yours, (Sign Name) & De Rogas	
P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505	perator St. Marys Street St. Marys Sty or Town	
AC-304 - 292-6331	W.Va. Stete	
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*SICTION 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 operation a permit reciting the tiling 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

HC

47-095-0706

PERMIT NUMBER

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

PROPOSED WORK ORDER TO		DEEPEN	FRACTURE STIMULATE	
DRILLING CONTRACTOR: (If		RESPONSIBLE A	GENT.	
NAME Little Swiss D ADDRESS Buchannon, W.	rilling Va.	NAME C.W.	Riggs; Inc. Marys, W. Va.	
TELEPHONE 472-6396		ADDRESS St. Marys, W. Va. TELEPHONE 684-3974		
ESTIMATED DEPTH OF COMPL	go disease e e e			
PROPOSED GEOLOGICAL FORM		ROTARY &	CABLE TOOLS	
		COMP X omo		
OIL_			PRAGE DISPOSAL	
	RECYCL	LING WATEI	R FLOOD OTHER	
TENTATIVE CASING PROGRAM	I			
			€ .	
CASING AND TUBING SIZE	USED FOR	HITIN	CEMENTERE CP	
	DRILLING	Will	OR SACKS CUBIC LI	
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9 - 5/N	Service Control of the Control of th	The second secon		
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Torriginal (1985)	#A Barana and the Common of th	·		
APPROXIMATE FRESH WATER	DEPTHS 120 FEET	SALT WA	TER FEET	
APPROXIMATE COAL DEPTHS	er en		A STATE OF THE STA	
S COAL BEING MINED IN THE		BY WHOM	49.	
O DRILL				
	OF OG 1, \$100.00 PERM	IT FEE, PERFORMAN	CE BOND AND PERMANENT COPY	
William,				
O DRILL DEEPER OR REDRILL				
WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTED	y 1929, A PERMANENT C	INAL PERMIT NUMBE OPY OF THE PLAT A	R AND PERFORMANCE BOND ON IND THE ORIGINAL WELL RECORD	
O FRACTURE - STIMULATE	•			
· · · · · · · · · · · · · · · · · · ·	Letter at the transfer of			
The state of the s	AM OUIGINAL AREL KE	CORD.	(5) COPIES OG 1, PERFORMANCE	
OIL AND/OR GAS WELL ORI ING ORIGINAL PERMIT NUM	IGINALLY DRILLED ON A BER AND PERFORMANCE	ND/OR AFTER JUNE 5 BOND.	, 1929, FIVE COPIES OG - 1, SHOW-	
Required forms must be filed	within ninety (90) davs of	Completion for bond	case. Inspector to be notified twenty-	
(our (24) hours in advance.	- t-nt make til 1		insector to be notified twenty-	
	Addressed to the second of the		ing samulan sa Samulan samulan samula	
**				
The following waiver must be ereof.	completed by the coal ope	erator if the permit is to	be issued within ten days of receipt	
AIVER I the undersigned, Agent	for	Coal Company O	wner or Operator of the coal under	
this lease have examined	and place on our mine ma	aps this proposed well	with or Uperator of the coal under	
providing operator has cor	mplied with all sules and	nave no objections to sa	id well being drilled at this location,	
Code.		HABIONS IN ARTICLES 4, 5,	and 7, Chapter 22 of the West Virginia	
			· · · · · · · · · · · · · · · · · · ·	
		der spill in Mindagen unsergebrunden und eine State gegen der gegen der gegen der gegen der gegen der gegen der	For Coal Company	
and the second second second second second				