

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION FORM IV-35

		September 24	, 19 <u>7</u> 4						
N	Operator' Well No.	s Brown #3A							
<u> </u>	API Wel	No. <u>47</u> - <u>017</u> State Coun	ty Permi						
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dran	gle: <u>Ne</u>	w Milton 7.5							
r	Robert R.	Jones	:						
P 0	Box 86								
San	d Fork, W	V 26430	***						
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OR	T FILL-UP SACKS ic feet)	PACKE	RS						
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WELL OPERATOR'S REPORT ≤ [08-78] DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSIC L TYPE: Oil / Gas X / Liquid Injection / Waste Dis (If "Gas", Production X / Underground storage / I ATION: Elevation: 1130' Watershed: Sand Fork District: Cove County: Doddridge Quac DESIGNATED AGENT L OPERATOR Rockwell Petroleum Company Address P O Box 86 Address __ Sand Fork, WV 26430 MITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Redril Plug off old formation / Perforate new formation Other physical change in well (specify) RMIT ISSUED ON April 4 , 19 79 OIL & GAS INSPE PPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR Name ____ F APPLICABLE: Address ___ REWORKING. VERBAL PERMISSION OBTAINED __, 19__ OLOGICAL TARGET FORMATION: Elk Depth of completed well, 5460 feet Rotary X / Cab Water strata depth: Fresh, 105 feet; salt, feet. Coal seam depths: None Is coal being mined in the Work was commenced August 28 , 19 79 , and completed SING AND TUBING PROGRAM FOOTAGE INTERVALS SPECIFICATIONS # CE SING OR BING TYPE Weight Grade per ft New Used For drilling Left in well nductor sh water | 8 5/8 1188 1188 T ermediate duction 43 5390 ing ers

EN FLOW DATA Producing formation Benson Gas: Initial open flow, ______Mcf/d Oil: Initial o Final open flow, Final open Mcf/d Time of open flow between initial and final tests, ____ hours Static rock pressure, ____ psig (surface measurement) after ____ hours shut in [If applicable due to multiple completion--] Second producing formation <u>Elk</u> Pay zone depth <u>5354</u> Gas: Initial open flow, ______Bbl/d Final open flow, 1300 Mcf/d Final open flow, Time of open flow between initial and final tests, 3 hours OCT 2 5 1979 Static rock pressure, 1830 psig (surface measurement) after 30 hours shut in

TAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Fractured September 17, 1979

Elk - 20,000 lb. 80/100 sand 40,000 lb. 20/40 sand 737 bbls. water 19.3 BPM at 2125 lb. 1900 lb. breakdown Benson - 20,000 lb. 80/100 sand 40,000 lb. 20/40 sand 628 bbls. water 15.7 BPM at 1500 lb. 2700 lb. breakdown

Perforations - \$109 - 5354, 7 holes

Perforations - 4676 - 4679, 7 holes

LL LOG

		llard or	5	Bottom	Remarks Including indication of all fresh
FORMATION	Color	Soft	Top Feet	Feet	Including indication of all fresh and salt water, coal, oil and gas
Surface			0	105	
Sand			105	109	Water
Red Rock			109	128	
Sand			128	131	Water
Shale			131	206	
Red Rock			206	214	
Slate	11.4.		214	219	
Sand			219	221	
Red Rock			221	251	en e
Shale			251	421	
Red Rock			421	466	•
Slate	1		466	478	
Shale		and the second	478	610	
Sand			610	701	
Shale			701	910	
Red Rock	U.S. Fr		910	989	
Shale			989	1120	
Red Rock			1120	1131	
Slate	nakinggari		1131	1142	
Sandy Shale			1142	2000	
Sand			2000	2030	
Shale			2030	2060	
Sand			2060	2140	
Lime			2140	2222	
Sand			2222	2248	Show of oil & gas
Sandy Shale			2248	2410	Show of gas
Shale		bookease	2410	2500	
Sand		·	2500	2530	
Shale with sand string	ers	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	2530	3315	
Sand			3315	3360	
Shale			3360	3850	
Sandy Shale			3850	3890	Show of gas
Shale with sand string	ers		3890	4970	er en
Sandy Shale	La grande		4970	4990	Show of gas
Shale	au Donations		4990	5250	
Sandy Shale ZIK			5250	5365	Show of gas
Shale		r en	5365	5460	
Total Depth			5460		

SOIE: Fegulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

Rockwell Petroleum Company Well Operator

Robert R. Jones

Partner



DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date:	:	March	28	 ,	1	9

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[08/80]	OTI. AND	GAS WELL PER	דוקקא יהוא	CATION	Well No.	Fonce Brown	#3A
	011 110	775.7 WEED 175.1		CATION	API Well	No. 47 - 017	2373
WELL TYPE: C	Dil/ Gas _χ_/	er yr servet e				State Cour	nty Per
([If "Gas", Production/	Underground	storage_		Deep/	Shallow X	')
LOCATION: E	Elevation: 1130'	Watershed: _	Sand Fo	ork			
Ĺ	District: <u>Cove</u>	County: Doc	ldridge	~ · · · Qua	adrangle:	New Milton 7.	51
	R Rockwell Petroleum Compa	Managang was a same and a same and a	DITO TANK		m Pohert P	Tones	
		uny				. Jones	
AND THE STATE OF T	P 0 Box 86				-		
	Sand Fork, WV 26430		And the second s	- venore	Sand Fork,	WV 26430	
OIL & GAS	Fonce Brown	• • • • • • • • • • • • • • • • • • •					
	Fonce Brown						
Address	Route 1, Box 160		Ad	ldress			r in
	New Milton, WV			<u></u>			**[* 1, 4, .
	190.39		COAL OW	NER(S) N	ITH DECLARAT	ION ON PECCED-	
	Fonce Brown		Name				
	Route 1, Box 160	***************************************	Ađ	dress _		an are the transfer of the second of the sec	
· · · · · · · · · · · · · · · · · · ·	New Milton, WV			· · · · · · · · · · · · · · · · · · ·		APR - 4 1979	
Acreage	190.39		N:1me	*		n a castinat	n rij
FIELD SALE (I			Λđ	dress	* * **********************************	The second secon	\$ 549 AT 145
		• *					
Address			COAL LE	SSEE WIT	'H'DECLARATIO	N ON RECORD:	e e e e e e e e e e e e e e e e e e e
		* . *	Name				
OIL & GAS INS	PECTOR TO BE NOTIFIED		Λđ	dress	· · · · · · · · · · · · · · · · · · ·		W on
Name Pau	1 Garrett						
Address	Clarksburg, WV					•	
	Phone: 622-3871			1 v 12			
The	undersigned well operator i	s entitled to	nonerate	for oil	or gas nurn	oses at the ab	ove
	ra deed/ lease X						
	ell operator from Fonce		**			3 - 2 - 1 - 2	
	. lease, or other contract h			,	1		
	March 8 , 19 79 , in				e County Com	mission of Dod	dridae
	<u>March 8</u> , 19 <u>/9</u> , 111 Virginia, in <u>107</u>						
ACOP BESS 1	12 10 11 11 11 11 11 11 11 11 11				,		

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate_

Other physical change in well (specify)

Plug off old formation / Perforate new formation

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lesseon or before the day of the mailing or delivery of this Permit Application to the Department of Mines a

Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WY 25311

(304) 348-3092

Company Operator

Its Partner

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:

ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CO	NTRACTOR	R (IF	KNOWN)	Unio	n Dri	lling, In	c.		E ¹²	* * * * * * * * * * * * * * * * * * *
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					Bu	ickhannon,	WV 26201			
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							· ','-	feet.		_
								ilned in the area	}? Yes	/ No X
CASING AND T	UBING F				6.0			M		e menu
CASING OR TUBING TYPE			Weight	. 1			E INTERVALS	CEMENT FILL-UI		ACKERS
Conductor	Size	Grade	per it	New (useaui	for arillin	ig Left in wel	1 (Cubic feet)	Kinds	<u> </u>
	1 - 1			1 27		1705	1705	TT		1. (1. (1. (1. (1. (1. (1. (1. (1. (1. (
Fresh water Coal	8 5/8		20	X		1325	1325	To surface	Sizes	
Intermediate									Jaizes	
Production	41/3		9.5	\downarrow_{χ}			5450	160 sks	Depths se	+ .
Tubing	1 4-2		3.3				3430	100 383	1 30,50,13 30	
Liners	,								Perforati	ons:
									Top	Bottom
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	" provis	ons be	eina in a	ceptidano	e with	Chapter 22,	· · · · · · · · · · · · · · · · · · ·			
						eby approved				
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