

DEPARTMENT OF MINES, OIL AND GAS DIVISION Operator's PORM IV-35 Well No. Severin #1B (Obverse) WELL OPERATOR'S REPORT // API Wel No. 47 - 017 -2779
CHANGE State County Permit [08-78] DRILLING, FRACTURING AND/OR STIMULATING, OF PHYSICAL CHANGE / Gas X / Liquid Injection / Waste Disposal / TYPE: 011 (If "Gas", Production X / Underground storage / Deep / Shellow X /) Elevation: 1270' Watershed: Sand Fork of Fink Creek ON: District: Cove County: Doddridge Quadrangle: New Milton PERATOR Rockwell Petroleum Company DESIGNATED AGENT Robert R. Jones CEIVE Sand Fork, WV 26 ddress P O Box 86 Sand Fork, WV 26430 AUG 2 2 1980

TED WORK: Drill X / Convert / Drill deeper / Redrill / Practure or stimulate

& GAS DIVISIONORMATION / Sand Fork, WV 26430 Plug off old formation ... Ter OF WINES Other physical change in well (specify) r issued on June 26 , 19 80 OIL & GAS INSPECTOR FOR THIS WORK: PLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED Paul Garrett Address Clarksburg, WV 26301 622-3871 _, 19_ Depth <u>2286</u> HICAL TARGET FORMATION: Big Injun lepth of completed well, 2420 feet Rotary X / Cable Tools ater strata depth: Fresh, 89 feet; salt, feet. cal seam depths: None Is coal being mined in the area? No July 26 , 1980 , and completed July 28 , 19 80 ork was commenced ___ AND TUBING PROGRAM SPECIFICATIONS FOOTAGE INTERVALS CENENT FILL-UF PACKERS Grade per ft New Used For drilling Left in well OR SACKS (Cubic feet) Kinds tor water | 8 5/8 1206 12061 330 sks Sizes ediate 41/2 125 sks_ 2330 tion Depths set Perforations: Top Botton Commence of the commence of th Pay zone depth 2152 Gas: Initial open flow, Mcf/d Oil: Initial open flow, Bbl/d

LOW DATA

roducing formation Blue Monday Fay zone depth 2152 Feet

Gas: Initial open flow, Mcf/d Oil: Initial open flow, Bbl/d

Final open flow, Mcf/d Final open flow, Bbl/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--]

econd producing formation Injun Pay zone depth 2286 feet

Gas: Initial open flow, Mcf/d Oil: Initial open flow, Bbl/d

Final open flow, 1,250 Mcf/d. Final open flow, Bbl/d

Time of open flow between initial and final tests, 6 nours

08-78]

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

Fractured August 6, 1980

Big Injun - 40,000 lb. 20/40 sand 2200 lb. breakdown 481 bbls. water 17.1 BPM at 2700 lb.

Perforations - 2280, 2281, 2282, 2283, 2284, 2285, 2286, 1 hole each

Blue Monday - 25,000 lb. 20/40 sand 10,000 lb. 80/100 sand 2950 lb. breakdown 471 bbls. water 18.1 BPM at 2650 lb.

Perforations - 2120, 2124, 2128, 2132, 2136, 2140, 2144, 2148, 2152, 1 hole each

ELL LOG

			-			
		llard or	- 11	Bottom	Including in	Remarks dication of all fres
FORMATION	Color	Soft	Top Feet	Feet	and salt wat	er, coal, oil and la
			70-A-130-000			
Surface .		establishes of the state of the	0	89		
Sand		- Colonia	89	94	Water	
Shale	S-10000000	600-julionge	94	128		8
Sand	No.		128	130	Water	
Red Rock			130	142		
Shale			142	220		
Red Rock		BOOLEGE CO.	220	261		
Slate			261	284		
Shale	ALL CONTRACTORS	G-14-000	284	610	and the second s	
Red Rock		Table 1	610	705		
Shale	· ·	Water Committee	705	910		
Red Rock			910	1001		
Shale			1001	1240	800	
Sand			1240	1261		
Shale			1261	1402	erilli-svojet	
Sand			1402	1429	Carrier Control	
Shale			1429	1568		
Sand			1568	1604		*
Shale			1604	2050		
Sand			2050	2066	- CONTRACTOR - CON	
Lime .			2066	2100	rayinata	
Shale			2100	2108		
Sandy Lime			2108	2165		
Lime			2165	2205		
Sandy Lime			2205	2240		
Lime			2240	2280		
Sandy Lime & Z	6		2280	2295		*
Shale		- ·	2295	2340		,
Sandy Shale S punc) l	ender and a second	2340	2385		
Shale			2385	2420		
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(Attach separate sheets to complete as necessary)

	Rockwell Petroleum Company
We	ell Operator
Ву	Harrand Contraw
Its	Secretary

NOTE: Regulation 2.02(i) provides as follows:

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

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FORM IV-2 STATE OF WEST VIRGINIA (Obverse) DEPARTMENT OF MINES, OIL AND GAS I	DIVISION, 19_80
[08-78] JI AND GAS WELL PERMIT APPLICA	Operator's Well No. Severin #1B
ELL TYPE: Oil/ Gas _X_/	API Well No. 47 - 017 - State County Permit
(If "Gas", Production X / Underground storage	
OCATION: Elevation: 1270' Watershed: Sand Fork	
District: Cove County: Doddridge	
ELL OPERATOR Rockwell Petroleum Company DESIGNATE	
Address P O Box 86 Addr	
Sand Fork, WV 26430	Sand Fork, WV 26430
L & GAS DYALTY OWNER <u>Dorothea McIntyre</u> COAL OPER	ATOR N/A
	ess
New Milton, WV 26411	
Acreage 265.54 COAL OWNER	R(S) WITH DECLARATION ON RECORD:
RFACE OWNER Michael Toia Name	N/A
Address P O Box 21 Addre	ess
Columbia, MD 21045	
	N/A
	ess
me N/A	
	DE WITH DECLARATION ON RECORD:
Addre Name Addre	N/A
Paul Garrett	288
Address Clarksburg, WV 26301	
622-3871	
The undersigned well operator is entitled to operate fo	n oil on goo numbers of the show
ation under a deed/ lease/ other contract _X_/	-
	, 19 <u>70</u> , 00 0.11
said deed, lease, or other contract has been recorded:]	
orded on <u>June 28</u> , 19 <u>78</u> , in the office of the Clerk	of the County Commission of <u>Doddridge</u>
nty, West Virginia, in <u>Lease</u> Book 104 at page 25	4. A permit is requested as follows:
PROPOSED WORK: Drill X / Drill deeper / Redrill /	Fracture or stimulate/
Plug off old formation/ Perforate new	
Other physical change in well (specify)	
	<u> </u>
planned as shown on the work order on the i	
ection they wish to make or are required to make by Code § 22-	
Mines within fifteen (15) days after the receipt of this Applie	,
Copies of this Permit Application and the enclosed plat	
registered mail or delivered by hand to the above named coal or	
or before the day of the mailing or delivery of this Permit App	*
leston, West Virginia.	DIA NUMBER
ASE SUBMIT COPIES OF ALL JUN 2 6 1980	BINKET BOND
VIRGINIA OLL AND GAS Rockwe	ll Petroleum Company
CONSERVATION COMMISSION OIL & GAS DIVISION OWASHINGTON STREET EAST DEFT. OF MINES	Well Operator
By Ma	M. R. Work
IPHONE: (304) 348-3092	
	- per control of the control o



PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

LLING CONTRACTO	OR (IF)	KNOWN)		U	nion Drilli	ng, Inc.	A		
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				B1	uckhannon, l	WV 26201			
DLOGICAL TARGET	200201100	r 0.51			Shala (Ana	1007			
							Rotany V /	Cable tools	/
							Rotary X /		and commented.
Approximate v								n Vac /	No.Y
Approximate o	coal sea	am dept!	hs:	N/1	A IS	coni belng mi	ned in the area	: : =>	11.5 X
ING AND TUBING	PROGRAN	4							
SING OR W	SPECI				FOOTAGE	INTERVALS	CEMENT FILL-UP	PACKE	RS A
SING TYPE Size	Grade	Weight per ft	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)		2.2
nductor								Kinds	# <u>\$</u>
sh water 8 5/	8				1140'	1140'	To surface		
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applicable previously the consent 200 feet of	to the paid or require the present of such of	reclam the s ed by (coposed the Form the 1 in accord the loca	ation ame w Code (well. n IV-1 tlativ common	requi sell, t \$ 22-4 2 shal rois fvIDEf with Chereby rmit sha	red by Code he fee requi - 8a from the l not be requi to be part o MAS SHEconn copier 22, approved ll expire if	§ 22-4-12b an red by Code § owner of any	orm IV-9, "Recl d Regulation 23 2%-4-12a, and water well or cturing or stim r which a permi ith.	(n) if amplicadirelling withi	rie,
Deputy D	irarina (1100	<u> </u>		and the control of th		and the same that have been also take their time them there are the time.	and the community which the community was the community with	
The fol	lowing	vaiver	must	be cor	a declaratio	ic roal operat on under Code roceipt there	for and by any $s = 22-4-20$, if $s = 60$:	coal owner the permit	
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ion has exam	ined the	is prop locatio	osed on has	well. s been s locat	added to the	ed the well of	re / of the exists which confine undersigned operator has congregulations.	has no object	ion to
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