

4/3/11 NEW MILION

Dates STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION Operator's E. Gum #1 FORM IV-35 (Obverse) WELL OPERATOR'S REPORT 17 - 017 State County API Wel No. [08-78] DRILLING, FRACTURING AND/OR STIMULATING, OF PHYSICAL CHANGE / Gas X / Liquid Injection / Waste Disposal / (If "Gas", Production X / Underground storage / Deep / Shallow X /) Watershed: Roberts Fork FION: Elevation: 1037 District: New Milton County: Doddridge Quadrangle: New Milton DESIGNATED AGENT Robert R. Jones OPERATOR Rockwell Petroleum Company Address P O Box 86 Address P O Box 86 Sand Fork, WV 26430 Sand Fork, WV 26430 ITTED WORK: Drill X / Convert __ / Drill deeper __ / Redrill __ / Practure or stimulate Plug off old formation / Perforate new formation / Other physical change in well (specify) OIL & GAS INSPECTOR FOR THIS WORK: _____, 19<u>_80</u>____ IT ISSUED ON _ June 4 PPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED Name Paul Garrett APPLICABLE: Address <u>Clarksburg, WV 26301</u> 622-3871 , 19___ OGICAL TARGET FORMATION: Devonian Shale Depth 5297 Depth of completed well, 5471 feet Rotary X / Cable Tools Water strata depth: Fresh, 81 feet; salt, feet. None Is coal being mined in the area? No Coal seam depths: Work was commenced <u>June 12</u>, 19<u>80</u>, and completed <u>June 27</u> NG AND TUBING PROGRAM FOOTAGE INTERVALS PACKERS SCENENT FILL-UF - SPECIFICATIONS NG OR OR SACKS Grade per ft New Used For drilling Left in well NG TYPE (Cubic feet) F.inds uctor 1117 To surface 1117 h water | 8 5/8 Sizes rmediate Depths set 43/2 5404 uction Perforations: Top Boltom

FLOW DATA

Producing formation Riley Pay Zone depth 4788 feet

Gas: Initial open flow, Mcf/d Cil: 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--]

Second producing formation Benson & Elk Pay zone depth 5207 feet

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

COMBINED Final open flow, 220 Mcf/d Final open flow, 3bl/d

Time of open flow between initial and final tests, 8 nours

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

Fractured July 11, 1980

ALE X

Blk. & Benson - 20,000 lb. 80/100 sand 40,000 lb. 20/40 sand

2300 lb. breakdown 510 bbls. water 20.3 BPM at 2165 lb.

. Riley - 20,000 lb. 80/100 sand 40,000 lb. 20/40 sand 2200 lb. breakdown 575 bbls. water 22 BPM at 1600 lb.

Perforations - 4995 - 5297, 7 holes

Perforations - 4786 - 4788, 6 holes

L LOG

FORMATION	Color	llard or Soft	C Top Feet	Bott om Feet	Remarks Including indication of all fresh and salt water, coal, oil and las
Surface			0	81	
Sand	SCELL	BAR COLOR	81	88	Water
Red Rock	0.017.049.000.0		88	101	
Shale		99000	101	240	·
Red Rock	English (Inc.)		240	280	
Slate	Right Auto-	-	280	310	
Shale	school-re-		310	640	
Sand	eri a		640	680	
Red Rock		or o	680	745	
Shale		THE CONTRACTOR	745	1240	
Red Rock		de fall tuoop	1240	1280	·
Shale		easor: i-medi	1280	1420	REPORT AND ADDRESS OF THE ADDRESS OF
Sand	AND CONTRACTOR OF THE PARTY OF	30 Anna (10)	1420	1479	
Shale	And the control of th	rgay in a constant of the cons	1479	1840	er-year-gave
Sand	ng-philipping .	The state of the s	1840	1880	
Shale		Control of the contro	1880	2065	West-of-
Lime	ar-account.		2065	2088	
Slate			2088	2110	by control of the con
Lime	-		-2110	2260	
Sandy Shale	10 TO THE STATE OF		2260	2380	• Adaption
Shale	- Saw Farming		2380	2510	A CONTRACTOR OF THE CONTRACTOR
Sand			2510	2546	THE CASE OF THE CA
Shale	To all the second secon		2546	3180	NAME OF THE PARTY
Sand			3180	3200	NEW TOTAL PROPERTY OF THE PROP
- Shale			3200	3280	
Sand			3280	3390	in-Auditorian-Ca
Shale			3390	3850	
Sand			3850	3870	Spending of the state of the st
Shale '	View of the control o		3870	4780	
Sand *			4780	4798	
Shale	851		4798	4985	
			4985	5000	
Sandy Shale Shale	5. C.		5000	5290	1974.4.
	21-45-70-0046		5290	5304	
Sandy Shale ALEX	OK. PO. CO.		5304		
Shale	AMMYSS: 1-		1 3	5471	
Total Depth	****		5471		

(Attach separate sheets to complete as necessary)

Rockwell Petroleum Company	
Well Operator	
By Janua J. Cechran	
Its Scoretary	_

OTE: 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."

		Because
DEDIRONDEND OF MIN	WEST VIRGINIA MES, OIL AND GAS DIVISION	Date: <u>May 29</u> , 1
tos got		Operator's
[08-78] OIL AND GAS WE	LL PERMIT APPLICATION	Well No. <u>E. Gum #1</u>
WELL TYPE: Oil/ Gas _X_/	• .	API Well No. $\frac{47}{\text{State}} - \frac{017}{\text{County}} = \frac{2751}{\text{Pe}}$
(If "Gas", Production X / Under	ground storage / De	een / Shallow Y /)
LOCATION: Elevation: 1037! Waters		
District: <u>New Milton</u> County		
WELL OPERATOR <u>Rockwell Petroleum Company</u>		Robert R. Jones
Address P O Box 86	Address	P O Box 86
Sand Fork, WV 26430		Sand Fork. WV 26430
OIL & GAS		
ROYALTY OWNER Earl Gum		N/A
Address <u>New Milton, WV</u>	Address	
Acreage <u>112</u>	COAL OWNER(S) WIT	H DECLARATION ON RECORD:
SURFACE OWNER <u>Earl Gum</u>	Name	N/A
Address New Milton, WV		
	· .	,
Acresse 112	Name	N/A
FIELD SALE (1F MADE) TO:	Address	
Name N/A		
Address	COAL LESSEE WITH I	DECLARATION ON RECORD:
	Name	N/A
OIL & GAS INSPECTOR TO BE NOTIFIED	Address	
Name Paul Garrett		
Address <u>Clarksburg, WV 26301</u>		
622-3871	_	
The undersigned well operator is entit	led to operate for oil or	r gas purposes at the above
location under a deed/ lease X _/ othe		
undersigned well operator from Earl Gur		
[If said deed, lease, or other contract has been		
Recorded on, 19, 19, in the off		County Commission of <u>Doddridg</u>
County, West Virginia, in <u>Lease</u> Book 10	and the state of t	

Other physical change in well (specify) _

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

Plug off old formation / Perforate new formation

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.

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

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 lessed on 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 SECPHYSICAL LOGS DIRECTLY TO:

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

DELEPHONE: (304) 348-3092

Rockwe	11	Petroleu	um Company	

BLANKET BOND

Well Operator

By Mark R. Work

PROPOSED WORK ORDER

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

							ng, Inc.		
	" was of the	ä		Addres			- 26201		
· · · · · · · · · · · · · · · · · · ·						Buckhannon, I	WV 26201	-	
						n Shale			
Estimat	ed dept	h of c	complete	ed wel	1], _	5540	feet	Rotary <u>X</u> /	Cable tools/
								N/A feet.	
Approxi	mate co	al sea	am depth	ns: _	N/	/A Is.	coal being mi	ned in the area	? Yes/ No X
CASING AND T	UBING F	PROGRAI	v <u>i</u>						
CASING OR		SPEC:	IFICATI			FOOTAGE	INTERVALS	CEMENT FILL-UF	PACKERS
mern marn murne	Size	Grade	Weight per ft	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
Conductor								Secretary Control of the Control of	Kinās
Fresh water	8 5/8	-				1150'	1150'	To surface	
Coal				-				near the second	Sizes
Intermediate				-					
Production	41/2						5540'		Depths set
Tubing								- September - Sept	
Liners									Perforations:
								CONTRACTOR OF THE PROPERTY OF	Top Botton
						1	1	11	11
NOTE: Dog: 7	a+ion	2 02 0	f the D	epart	nent	of Mines prov	ides that the	original and	four copies of
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By ____ Its _