

psig (surface reacurement) after 72 hours shorted hours 1080

1800

ORM IV-35 Reverse)

08-78]

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

Fractured April 11, 1980

EIK = ALEK

25,000 lb. 80/10 sand 50,000 lb. 20/40 sand 21.2 BPM at 2310 lb. 1900 lb. breakdown 730 bbls. water

Perforations - 4998' to 5318', 9 holes

:LL LOG

FORMATION	Color	Hard or Soft	// Top Feet	Bottom Feet	Remarks Including indication of all fres and salt water, coal, oil and ja
Surface	100	Common of the Co	. 0	94	
Sand			94	100	Water
Shale	19 m		100	125	
Sand	No.		125	128	Water
Slate		and the second	128	141	
Sand			141	145	Water
Shale	2000 2000 2000 2000 2000 2000 2000 200		145	280	
Red Rock	The state of the s		280	310	
Shale	-		310	425	
Slate			425	432	
Red Rock	are univided to the state of th		432		
	and the second	900		480	
Shale			480	598	
Red Rock			598	640	
Shale			640	810	
Red Rock	To company to the second secon		810	942	
Sand	e de la companya de l	***************************************	942	998	
Red Rock			998	1060	
Shale			1060	1242	
Sand		**************************************	1242	1288	
Shale		and the second	1288	1640	
Sand			1640	1710	
Shale	STATE OF THE PROPERTY OF THE P		1710	2070	
Lime			2070	2100	
Shaley Lime	-		2100	2120	
Lime	Silvening	Marie Constitution of the	2120	2234	
Sand			2234	2242	Show of gas
lime	· · · · · · · · · · · · · · · · · · ·		2242	2272	
Shale			2272	2340	
Sandy Shale			2340	2430	
Shale			2430	2526	
and	attenution		2526	2554	
Shale		The second second	2554	3060	
Sandy Shale		na n	3060	3100	
Shale			3100	3380	
Sandy Shale	Man area "		3380	3455	
Shale	O. T. C.		3455	4065	Show of gas
Sandy Shale	Approximation of the second of		4065	4100	2.10W 02 gas
Shale	4 3 2 5 5 5 5				complete as necessary;

Sandy Shale 4990 5004 20077 Shale 5004 5105 Show of Benson gas

Sandy Shale 5105 5170 Shale 5170 5260

Sandy Shale 5260 5365 Show of gas ALE

Shale 5365 5430

Fotal Depth 5430

Rockwell Petroleum Company

Regulation 2.02(i) provides as follows: IOTE:

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

FORM IV-2 STATE OF WEST	VIRGINIA Date: March 20 , 19 8
(Obverse)	Operator's Well No. Gum #1
[08-78] OJL AND GAS WELL PF	RMIT APPLICATION
WELL TYPE: Oil/ Gas _X_/	API Well No. 47 - 017 -2638 State County Fermi
(If "Gas", Production X / Undergroun	d storage/ Deep/ Shallow_X_')
LOCATION: Elevation: 1039' Watershed:	Sand Fork Creek
District: <u>Cove</u> County: <u>Do</u>	ddridge Quadrangle: New Milton
WELL OPERATOR Declared 1 Detroloum Company	DESIGNATED AGENT Robert R. Jones
WELL OPERATOR <u>Rockwell Petroleum Company</u> Address P O Box 86	Address P O Box 86
Sand Fork, WV 26430	Sand Fork, WV 26430
Sand Fork, WV 20430	Sand Tork, W. 20400
OIL & GAS	COAL OPERATOR N/A
ROYALTY OWNER H. B. & Charlotte Gum	
Address New Milton, WV	Address
Acreage <u>260.87</u>	COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER H. B. & Charlotte Gum	Name N/A Address D/AGEG C/A
Address New Milton, WV	Address
	1000
Acreage <u>260.87</u>	Name N/A MAR 2.4 1980
FIELD SALE (TF MADE) TO:	Address
Name N/A	OIL & GAS DIVISION
Address	COAL LESSEE WITH DECLARATION ON RECORD:
	Name N/A
OIL & GAS INSPECTOR TO BE NOTIFIED	Address
Name Paul Garrett	
Address <u>Clarksburg</u> , WV 26301	
622-3871	
The undersigned well encrypton is entitled	to operate for oil or gas purposes at the above
location under a deed/ lease X/ other con	
undersigned well operator from H.B. Gum and Cha	
[If said deed, lease, or other contract has been reco	
Recorded on NOT OF RECORD, 19 , in the office of	
County, West Virginia, inBook	
PROPOSED WORK: Drill X / Drill deeper / 1	
Plug off old formation/	
Other physical change in well (:	specify)
	Abarrana aida barran
	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.

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 lessent on or before the day of the mailing or delivery of this Permit Application to the Department of Mines and the coal descent of the day of the mailing or delivery of this Permit Application to the Department of Mines and the coal descent of the day of the mailing or delivery of this Permit Application to the Department of Mines and the coal descent of the day of the mailing or delivery of this Permit Application to the Department of Mines and the coal descent of the day of the mailing or delivery of this Permit Application to the Department of Mines and the coal descent of the day of the mailing or delivery of this Permit Application to the Department of Mines and the coal descent of the day of the mailing or delivery of this Permit Application to the Department of Mines and the coal descent of the day of the mailing or delivery of this Permit Application to the Department of Mines and the day of the

Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1617 WASHINGTON STREET EAST CHARLESTON, WV 25311

TELEPHONE: (304) 3-8-3302

BLANKET BUND

Rockwell Petroleum Company
Well Operator

Co-owner

DRILLING CONTRACTOR (IF KNOWN) _



PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:

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

Union Drilling, Inc.

				Adare	55	Drawer 40				
• .						Buckhannon,	WV 26201			
EOLOGICAL T	TARGET :	FORMAT	ION.			Devonian Sha	ıle			
								Rotary <u>X</u> /	Cable tools_	/
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								ined in the are	a ? Yes/	No X
ASING AND T	TUBING :							A6		
ASING OR UBING TYPE	Size	g -	Weight per ft		Used		INTERVALS Left in wel	CEMENT FILL-U OR SACKS 1 (Cubic feet)		KERS
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resh water	8 5/8					1050'	1050'	To surface		5 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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	, museic	" - OH C		ision						
is	coal to be	lessee issue	who ha d withi	s rec n fif	orded teen	a declaratio (15) days of <u>W A I V E</u>	n under Code receipt ther <u>R</u>	itor and by any 2 § 22-4-20, if reof:	the permit	.his well
ocation has ell location he work pro	examing the posed 1	ned thi well : to be	is prop locatio done at	osed n has this	well been loca	location. If added to the tion, provide	a mine map mine map. d, the well	exists which co The undersigned operator has co ng regulations.	vers the area has no object	tion to
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