

NEWMILTON Kleen in.

April 26	,	1
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FORM IV-35 (Obverse)

WELL OPERATO

Operator's

Date \_\_

Well No. Cole #1

979

-	08-78	_1

R'	S	REPORT
7		

WELL OPERATOR'S REPORT	generative to enterprise conference agrees recommend of the Conference of the Confer
OF	API Webs No. : 147 - 017 - 2364
DRILLING, FRACTURING AND/OR STIMULATING, OR P!	NYSIMAL CHANGE State County Permit

WELL TYPE:	Oil	_/ G	as X	_/ L:	iquid	Injection	/ Waste D	isposal/	
								Deep/	
						atershed:B		-	***************************************
	Distric	t:	Cove	al Physician are a second and a second a second and a second a second and a second a second and a second and a second and a second and	_ C	ounty: Dod	dridge <sub>ର</sub>	uadrangle: New	w Milton 7.5'
VELL OPERATO	R Rocl	kwell	Petrol	eum C	ompar	1V	DESIGNATED AG	ENT Robert R.	Jones
	8								5
								Sand Fork	
	RK: Dr	111 <u>)</u>	<u>(</u> / Co	nvert		/ Drill deep	er/ Redi	-111	cture or stimulate
									MAY - ? 1979
	U C	ner pr	Marcar	Change	# 111 ·	werr (specify			
		-	e Maine ann aide an Aramania ann gan an teannana ann an		e	en e			<u>ni. &amp; gas division</u> PT. of MINES
								PECTOR FOR THIS	WORK:
(IF APPLICAE CONTINU	OUS PRO	GRESS	ION FROM	M DRIL	LING	OR	Name P		V.Y. T
REWORKI					TAINE	ED			WV
			_, 19		Q.			622-3871	
GEOLOGICAL T				-		······································			5230 Feet
								able Tools	
						et; salt,			
Coal se	am dept	hs: _	NAME AND ADDRESS OF THE PARTY O			Is coal b	eing mined in	the area? No.	s 
CASING AND T CASING OR FUBING TYPE		SPEC	IFICATI ¡Weight	8 1		i .	ħ	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Canductor							-		Kinds
Fresh water	8 5/8		20	Х		11951	1195'	To surface	7,1100
Coal									Sizes
Intermediate							The state of the s		
Production	41/2		9.5	$T_{X}$			5297	150 sks	Depths set
Pubing		-the straightforms							BETWEEN SEC
liners									Perforations:
									Top Bettom
									736.04
Market State Control of the St								,	
OPEN FLOW DA	TA	harra manara and anti-and and and and and and and and and and	и в почет на того на почет на предостава на почет на поч			Orthograph Mary and Arthur and Ar	он «Советника помент» (п. 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		
Produci	กรู ใจชก	nation	Agenta per seu a gagennemen.	Benso	n			i Eny acho debbi	4866.5
								pen flow,	
								pen flow,	
							•	to, hours	
31	arid no	ick par	maaure.		71	sig (surface)	measurement)	after how	iti shut in
3) Eff app							measurement)	after how	ing shot in

Sas: Initial open flow, Mef/d Oil: Initial open flow, Pr:/i

Static rook pressure, 1805 psig (surface measurement) after 48 hours shot in

Final pen flow, 1,250 Mef/d Final open flow, object

Time of open flow between initial and final tests, 6 hours MAY 2 2 1979

[08-78]

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

Fractured April 25, 1979

Elk - 20,000 lb. 80/100 sand 40,000 lb. 20/40 sand 2750 lb. breakdown injection rate - 22.2 BPM at 2200 lb. 622 barrels water

Perforations - 4996, 5137, 5175, 5179 5195, 5214, 5222, 5231

Benson - 20,000 lb. 80/100 sand 40,000 lb. 20/40 sand 2700 lb. breakdown injection rate - 17.4 BPM at 1950 lb. 610 barrels water

Perforations - 4863.5, 4864, 4864.5, 4865, 4865.5, 4866, 4866.5

WELL LOG

		United the			Remarks Including Indicase : 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
FORMATION	Color	Hand or : :	Top Feet	- bottom Feet	including hadrently a gala fine and salt waters or all and just
Surface			0	100	3110
Shale			100	125	
Sand			125	129	Water
Shale			129	480	water and a second seco
Red Rock			480	508	
Shale		to a	508	710	
Red Rock			710	754	
Shale			754	980	
Sand			980	994	
Red Rock			994	1054	
Shale			1054	1480	
Sand			1480	1514	
Shale			1514	1740	
Sand		· ·	1740	1782	
Shale			1782	1815	
Sandy Shale		Maria de la companya	1815	1880	
Shale		der and an analysis of the second	1880	1930	
Lime			-1930	1960	-
Sand (Blue Monday)			1960	2002	
Lime			-2002	2040	
Big Injun			2040	2 4240	Show Gas 2055
Shale		-	2140	2192	
Sandy Shale (Weir)	-		2192	2280	
Shale			2280	2400	
Sand (Gantz)			- 2400	2414	
Shale			2414	2935	
Sand (Bayard)			2935	2955	
Shale	-		2955	3522	
Sand (Upper Riley)			3522	3530	
Shale			3530	3957	
Sand (Riley)			3957	3976	
Shale			3976	4856	
Sand (Benson)			- 4856	4874	Show Gas
Shale			4874	4978	
Sandy Shale			4978	5004	Show Gas
Shale		-A	5004	5130	
Sandy Shale (Elk) A	Lex.		5130	5290	Show Gas
Shale		·	. a. 5290 ana	1, 5,3,8,8, ts ,	i i complete as negassury.
Total Depth			5388		

Rockwell Petroleum Company

Partner

Regulation 2.01(i) provides to follows: X TE:

"The term their or twell left shall mean a wystematic, detailed geologial resembled all fermations, including that, encountered in the leftling of constant

FORM IV-2	STATE OF WEST VIRGINIA Date: March 20, 1979
CORVELBE	Operator's
[08-78] OJL AN	D GAS WELL PERMIT APPLICATION Well No. Cole #1
WELL TYPE: Oil/ Gas _X_/	API Well No. 47 - 0/7 -2364 State County Permi
(If "Gas", Production	Underground storage / Deep / Shallow X /)
LOCATION: Elevation: 955'	
	County: Doddridge Quadrangle: New Milton 7.5'
District: Cove	county:Doddridge quadrangie: New Milton 7.3
WELL OPERATOR Rockwell Petroleum Cor	pany DESIGNATED AGENT Robert R. Jones
Address P O Box 86	Address P O Box 86
Sand Fork, WV 26430	Sand Fork, WV 26430
OIL & GAS	e jaron en la composition de la composition della composition dell
ROYALTY OWNER Edmund G. Cole, et al	COAL OPERATOR
Address <u>General Delivery</u>	Address
Leopold, WV 26382	Agent Control of the
Acreage 96	COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER <u>Edmund G. Cole</u>	Name
Address <u>General Delivery</u>	Address
Leopold, WV 26382	
Acreage 96	Name
FIELD SALE (IF MADE) TO:	Address
Name	
Address	COAL LESSEE WITH DECLARATION ON RECORD:
	Name
OIL & GAS INSPECTOR TO BE NOTIFIED	Address Toller Fill William
Name Paul Garrett	
Address Clarksburg, WV	NAD 2 0 1070
Phone: 622-3871	MAR 2 9 1979
	OIL & GAS DIVISION
- <b>4</b>	is entitled to operate for oil or eas purposes at the above
	/ other contract/ dated <u>February 7</u> , 19 <u>79</u> , to the
	d Cole, Marie Cole, and others
[If said deed, lease, or other contract	
· · · · · · · · · · · · · · · · · · ·	the office of the Clerk of the County Commission of
*	Bookat page A permit is requested as follows:
· · · · · · · · · · · · · · · · · · ·	deeper/ Redrill/ Fracture or stimulate/
	ion / Perforate new formation /
Other physical char	age in well (specify)
and the second s	
	on the work order on the reverse side hereof.
the second control of	coal owner(s), and coal lessee are hereby notified that any
	red to make by Code § 22-4-3 must be filed with the Department
and the second of the second o	the receipt of this Application by the Department.
and the state of the	ion and the enclosed plat and reclamation plan have been mailed
and the second s	to the above named coal operator, coal owner(s), and coal less-
on or before the day of the mailing or o	elivery of this Permit Application to the Department of Mines a
Charleston, West Virginia.	
PLEASE SUBMIT COPIES OF ALL	
GEOPHYSICAL LOGS DIRECTLY TO:	Rockwell Petroleum Company
VEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION	Well Operator
1615 WASHINGTON STREET EAST CHARLESTON, WV 25311	
FELEPHONE; (304) 348-3092	To Donn
	Its <u>Partner</u>

## PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:

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

DRILLING CON	TRACTO	R (IF	KNOWN)	_Uni	on Dr	rilling, Inc.	4. 7 4			
	• .			***************************************		Drawer 40				
		••				Buckhannon,	WV 26201			
EPOLOGICAL T	ARCET-	FORMAT	TON	Dovo	nion	Shale				
•								Rotary X /	Cable too	ls /
								t,feet.		. ,
							•	eined in the area		/ No X
									•	
CASING AND T	UBING			ONO		# PAOMACE 3	NEEDVALS	CEMENT FILL-U	off.	DACKEDO
CASING OR FUBING TYPE	\$170	1	Weight		Used	For drilling		OR SACKS  (Cubic feet)		PACKERS
Conductor	Dize		DCI 10	1	0.50 0	101 011111115	DOI O III NO	(04010 :000)	Kinds	- 199 - 199
resh water	8 5/		-20	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		1200	1200	To surface		
Coal					-		^		Sizes	279
Intermediate				-						
roduction	4½		9.5	X			5230	160 sks	Depths s	et
Pubing										
liners									Perforat	ions:
									Тор	Bottom Bottom
			<u> </u>							
	ll .			<u> </u>		<u> </u>		<u> </u>		
there appli previ the co 200 fe  where is not	of the cable to ously posent et of A fractured as	other to the paid or requir the pr separa ring o such o	securi reclam reclam the s ed by ( oposed te Form r stimu n the 1	ty al ation ame w Code 5 well.  n IV-2 ilatin	lowed requell. 22-4 shall shall shall v-2	by Code § 22- ired by Code § the fee requir 1-8a from the  Il not be requ to be part of filed in conne	4-2, (iii) 22-4-12b a ed by Code owner of an ired for fr the work f	ed by Regulation Form IV-9, "Recommend Regulation 25 \$ 22-4-12a, and y water well or acturing or stime or which a permination."	lamation P 3, (iv) un (v) if ap dwelling u ulating a	lan", less plicable, ithin well
	HS PER/	MIT MU	ST BE P	OSTED	AT 1	THE WELL SITE				
						h Chapter 22, reby approved				
						t shall expire if		en e		
	oerations	have n	of commi	enced b	Y <u> </u>	30/79				
or	coal	lessee	who ha	s rec	orded	mpleted by the a declaration (15) days of 1	under Code	ator and by any o e § 22-4-20, if a reof:	coal owner the permit	
***					4	WAIVE	<u>}</u>		en de la companya de La companya de la co	
ocation has ell location he work pro	examing, the posed	ned thi well : to be o	locatio ione at	osed n has this West	well been loca Virgi	location. If added to the tion, provided	mine map. i, the well the governin	exists which con The undersigned operator has con ng regulations.	vers the a has no ob	jection to
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