

NEW MILTON

307

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION Operator's

Daterro August 22 , 1979

Cahmi	10	# A	

PORM IV-35 (Obverse)

Well No. Schmidt #4

rokm iv-						1 2:40mmagac	REPORT / 6	well NO	27 017 2854
[08-78]						0.22			5: 47 - 017 - 2454 State County Ferri
		DRILLI	NG, FRA	CTURI	IG AND	AN STIMORY	11100	SIJAL CHANGE	
			- N /	7.10	uda Tr	niection	/ Waste D	disposal/	
ELL TYPE: Of		/ ua: 	³	י ע	luzu z.	dereround s	torage /	Deep/ S:	allow x /)
(1	ff "Gas	", Pro	iuction_	<u>^</u>	11.0	respect. D	ick Dim		
ocation: E	levatio	n:11	85'		watt	ersned. <u>D</u>	nida G	Duadrangle: Vadi	s 7.5
ELL OPERATOR	Roc	kwell	Petrol	eum C	ompan	Y	DESIGNATED AC	ENT Robert R.	Jones
Address	. P 0	Box 8	36		10.4% 10.00 (and the second s	Address	h 0 ROX 80	the control of the co
· ·			k, WV				•	Sand Fork. W	<u>v 26430</u>
							Am / Res	initial Wilhab	cute on stimulate
PERMITTED WOR	K: Dri	11 <u>X</u>	_/ Con	vert .		Drill deep	er		DIV 1979
	Plu	g off	old for	matio	n	/ Perfora	ite new lorma	CE CE	P171979
	Oth	er phy	sical c	hange	in we	ell (specif	y)		
								OIL 8	GAS DIVISION
PERMIT ISSUE	O ON	July	16		, 19_7	79	OIL & GAS I	VSPECTOR FOREPT	- MINE
		HOOTMO	VE DEA	HOLE	ON		Name	Paul Garrett	and the state of t
CONTINU- REWORKI	ATTO DIDA	CRESSI	ON PROP	د سلید ۱۳۷۸	DIMO O	, A.A.	Addres		26301
			, 19						
GEOLOGICAL T	ARGET F	ORMATI	ON:	El	k			Depth5	
Depth o	f compl	eted w	ell, _	5432		feet Ro	otary <u>x</u> /	Cable Tools	_
Water e	trata d	lenth:	Fresh.		feet	; salt	,feet.		
C+03 CC	om dent	he. h	Jon 6			Is coal	oeing mined i	n the area: No_	
Work wa	s comme	enced	Augus	t 9		, 19 <u>79</u>	, and complet	ed <u>August 16</u>	, 19 79
CASING AND T					M	FOOTAGE	: INTERVALS	CEMENT FILL-UP	PACKERS
CASING OR TUBING TYPE		ē	IFICATION Weight		1 1		n ·	OR SACKS 11 (Cubic feet)	
	Size	Grade	per ft	New	usea	ros usistis			Kinds
Conductor						1206	1206	To Surface	
Fresh water	8 5/8					A 64 V W			Sizes
Coal		-	1						
Intermediate				 			5414	590 sks	Depihs set
Production	41/2		-	1					
Tubing				-					Perforations:
Liners		-	-						Top Bottom
	-	-		-					
- Mary Software - Company of the Com									
the contains are deplicable and the second of the second o					1		and the same of th		and the state of t
OPEN FLOW D						Distriction of the second seco			The second secon
Produc	ing for	mation	1	В	enson			Pay zone dept	h 5053.5 fee
G	ne. Tr	ittal	onen fl	N. WO		Mcf/d	Oil: Init	ial open flow,	561/4
	Fi	lnal or	en flow	¹ p		me i / u	, ,,,,,		
		Tim	ne of or	en fl	ow bet	tween initi	al and final	tests,hour	rs
5	Static :	rock pr	ressure	,	1	psig (surfa	ce measuremen	at) after ho	ours shut in
					aamn1	etion1			
<i>2</i> %		alme f	ormation	n E	lk	ALEX:		Pay zone dept	th 5376 feet
	Gas: I	nitial	open f	low, _		Mcf/d	Oil: Init	ial open flow, _	
		inal o	pen flo	w.	810.	000 Mc1/d	Fina	al open flow,	501/4
		Ti	me of o	pen f	low be	tween initi	al and final	tests, 7 hou	oct 9 1979

1820 psig (surface measurement) after 36 hours shut in

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

Fractured August 27, 1979

Elk - 20,000 lb. 80/100 sand 40,000 lb. 20/40 sand 637 bls. water 25.7 BPM at 1548 lb. 2000 lb. breakdown

Perforations - 5322 - 5376, 7 holes

Benson - 20,000 lb. 80/100 sand 40,000 lb. 20/40 sand 700 bls. water 17.6 BPM at 1451 lb. 2500 lb. breakdown

Perforations - 5050.5 - 5053.5, 7 holes

WELL LOG

			16		Remarks			
menone a mil T. D.N.	0-1	llard or Soft	Top Feet	Bottom Feet	Including indication of all fresh and salt water, coal, oil and las			
FORMATION	Color	2017						
Surface			0	100				
Shale			100	128				
Sand			128	133	Water			
Shale			133	226				
Red Rock			226	238				
Shale			238	412				
Red Rock			412	461				
Sand			461	473				
Shale	association.		473	622				
Sand			622	641				
Red Rock	-		641	701				
Shale			701	1020				
Red Rock	CI N		1020	1091				
Shale		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1091	1326				
Sand	traformation and the second		1326	1341				
Shale	No.		1341	1480				
Sand			1480	1521				
Shale	44		1521	1721	Andrew Company of the			
Sand		and the state of t	1721	1789				
Shale	*	• •	1789	2000				
Sand		Part of the second	2000	2050				
Shale			2050	2120				
Lime			- 2120	2140				
Sand			2140	2187	Show gas			
Lime			= 2187	2230				
Big Injun			2230	2330				
Shale			2330	2350				
Sandy Shale			2350	2515	Show gas			
Shale			2515	2580				
Sand			2580	2606				
Shale			2606	3108				
Sandy Shale			3108	3146				
Shale			3146	4080				
Sandy Shale			4080	4200	Show gas			
Shale			4200	4390	588 Maria			
Sandy Shale			4390	4425				
Shale		6.113/sept.	4425	5044				
Sandy Shale		·	5044	5060	Show gas			
· Shale			5060	5160	eta erre eta (j. 1881). Erre eta eta eta eta eta eta eta eta eta et			
Sandy Shale			5160	5366	Show gas			
Shale ALEX.			5366	5432				
Total Depth			5432					
iviai popul								

e egonátegy a garrecki (Prograda)

Its

Rockwell Petroleum Company Well Operator

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."

(Obverse)				THE WIND GWO DIATON			, 19
Co0 =03		-	NT OF MINES, O		Operator'	s	
[08-78]		OIL VI	ND GAS WELL PE	RMIT APPLICATION		Schmidt #4	
FII TYPF. (n41 /	Gas _ X _/	en e	randistricture Magazia de la compaño La Magazia de la compañola	API Well	No. $\frac{47}{5} - \frac{017}{5}$	<u>245</u>
CATION: E	Claustine.	1105	ondergroun	d storage/	Deep/	Shallow X /)	Sagra,
		1103	warel.giled:	BUCK RUII	·		
	DISTRICT: _	Cove	county: <u>Dod</u>	dridge Qua	adrangle: <u>Vac</u>	115 7.5	
LL OPERATOR	Rockwel	1 Petroleum Com	mpany	DESIGNATED AGEN	NT Robert R.	Jones	
Address	P O Box	86		Address	P O Box 86.		*
	Sand For	rk, WV 26430			Sand Fork,		
L & GAS	•	* 4					
YALTY OWNER	Roy B. S	Schmidt, et al		COAL OPERATOR			
Address	New Mili	ton, WV		Address			
Acreage	110			COAL OWNER(S) W	ITH DECLARATI	ION ON RECORD:	
RFACE OWNER	Roy B. S	Schmidt, et al		Name			
		ton, WV	*	Address			
Acreage _	110			Name			
ELD SALE (IF	F MADE) TO:			Address			
RO.	-	. :	. :				
Address _				COAI, LESSEE WIT	H DECLARATION	ON RECORD:	
·				Name			
& GAS INSP	PECTOR TO B	תי ניתדיים יי			· The Religions		<u> </u>
	201011 10 20	E NUTIFIED		Address		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
e	Paul Gar			Address		1161979	
Address	Paul Gar	rrett		Address	Activities and the second seco		
	Paul Gar	rrett urg, WV 26301		Address	Oll	CAS DIVISION	
Address _	Paul Gar Clarksbu 622-3781	rrett urg, WV 26301 L			Secure Secure Comments and the	GAS DIVISION	
Address	Paul Gar Clarkshu 622-3781 undersigned	rrett irg, WV 26301 l d well operator		o operate for oil	or gas purno	GAS DIVISION DF MINES ses at the above	!
Address	Paul Gar Clarkshu 622-3781 undersigned a deed	rrett irg, WV 26301 d well operator / leaseX	_/ other con	o operate for oil	or gas purno	GAS DIVISION DF MINES ses at the above	!
Address The ation under ersigned we	Paul Gar Clarksbu 622-3781 undersigned a deed ll operator	rrett irg, WV 26301 d well operator / lease _X r from Glen	_/ other con	o operate for oil	or gas purno	GAS DIVISION DF MINES ses at the above	!
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The ation under ersigned we said deed, orded on The ation they we said the transfer of the registered mar before the reston, West SE SUBMIT C	Paul Gar Clarkshu 622-3781 undersigned a deed ll operator lease, or January 3 irginia, in WORK: Dril Plug Othepl above named wish to ma a fifteen (es of this mail or del ne day of the st Virginia	d well operator d well operator lease X from Glen other contract , 19 79 , in Lease Lease Ly Drill d off old format er physical chan anned as shown coal operator, ke or are requi- 15) days after Permit Applicat ivered by hand the mailing or de	_/ other conson G. Schmidt has been reconson the office of Book106/ Round from/ Possion/ Possion/ Possion/ Possion the work or coal owner(s) red to make by the receipt of ion and the ento the above mento the ab	o operate for oil tract/ dated and coal operato.	or gas purno December County Comm A permit is ure or stimulation e side hereof are hereby r st be filed w by the Depar eclamation pl r, coal owner	ses at the above 6 , 19 79 , t ission of Doddn requested as foll late / f. notified that an with the Departm rtment. lan have been ma r(s), and coal de-	cidge lowa:
The ation under ersigned we said deed, orded on they have before the registered mer before the leston, West SE SUBMIT CONTRACT CO	Paul Gar Clarksbur 622-3781 undersigned a deed ll operator lease, or January 3 irginia, in WORK: Dril Plug Othepl above named wish to ma a fifteen (es of this mail or del he day of the st Virginia COPIES OF A	d well operator lease X from Glen other contract , 19 79 , in Lease Lease Lease I	_/ other conson G. Schmidt has been reconson the office of Book106/ Round from/ Possion/ Possion/ Possion/ Possion the work or coal owner(s) red to make by the receipt of ion and the ento the above mento the ab	o operate for oil tract/ dated and coal operato.	or gas purpo December County Comm A pormit is ure or stimulation e side hereof are hereby r st be filed w by the Depar eclamation pl r, coal owner ion to the De	ses at the above 6 , 19 79 , t ission of Doddn requested is fol late / notified that an with the Departm rtment. Ian have been ma r(s), and coal department of Mine	ridge lowe:
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The ation under ersigned we said deed, orded on The ation they PROPOSED West V: PROPOSED West V: The ation they dines within Copie registered mer before the destun, West V:	Paul Gar Clarkshu 622-3781 undersigned a deed ll operator lease, or January 3 irginia, in WORK: Dril Plug Othepl above named wish to ma a fifteen (es of this mail or del he day of the st Virginia COPIES OF AL OTHER OTHER OF AL OT	d well operator / lease X fromGlen other contract, 19_79_, in Lease ll X / Drill d off old format er physical chan coal operator, ke or are requirated on the coal operator, ke or are requirated on the coal operator. LL To: ON	_/ other conson G. Schmidt has been reconson the office of Book106/ Roselen/ Roselen/ Roselen/ Roselen well (spon the work or coal owner(s)) red to make by the receipt of ion and the ento the above not to the above make by the coal owner(s).	o operate for oil fract/ dated rded:] The Clerk of the st page _639 drill/ Fract erforate new formate ecify) der on the revers , and coal lessee Code § 22-4-3 mu this Application closed plat and r amed coal operato s Permit Applicat Rockwell Pet	or gas purpo December County Comm A pormit is ure or stimulation e side hereof are hereby r st be filed w by the Depar eclamation pl r, coal owner ion to the De	ses at the above 6 , 19 79 , t ission of Doddn requested is fol late / notified that an with the Departm rtment. Ian have been ma r(s), and coal department of Mine	ridge lowe: y ent iled

[08-78]

PROPOSED WORK ORDER

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

DRIFFING COL	VTRACTO						and the second s		
					uckhannon W	V 26201			
GEOLOGICAL 7	ARGET	FORMAT	ION,	E1k	and the second s			in the same	
Estimat	ed dep	th of	complet	ed well,	5500	feet	Rotary_X/	Cable tools	
							feet,	•	* **
Approxi	mate c	oal se	am dept	hs:	Is	coal being mi	ned in the area	? Yes	/ No X
CASING AND T	UBING	PROGRA!	M						
CASING OR TUBING TYPE	Size		IFICATION Weight per ft		10		CEMENT FILL-UF OR SACKS (Cubic feet)	11	CKERS
Conductor								Kinds	. 2.2 . 2.4
Fresh water	8 5/8				1325	1325	To surface		TANK TO THE PARTY OF THE PARTY
Coal	And the second						1	Sizes	
Intermediate									
Production	41/3					5475	160 sks	Depths set	
Tubing									- baran M
Liners								Perforation	ns:
								Top_	Bottom:
						·			
appli previ the co 200 fe where is not THIS PEI	cable rously rousent of Afractuled as MIT MI	to the paid or requir the presentation of the	reclament the seed by Coposed te Formur stimu	ation requame well, lode § 22-well. IV-2 shallating is arm IV-2N ce with Chon is hereby (spermit shall	tired by Code the fee requi 4-8a from the 11 not be requi to be part of filed in conne	§ 22-4-12b and red by Code § owner of any wired for frac	orm IV-9, "Recl Regulation 23 22-4-12a, and water well or curing or stime which a permit th.	, (iv) unles (v) if appla dwelling wit	ss lauble, hin ll
Dk or	Opportion of the coal	J A String L Lessee	A Gas vaiver n who has	Division nust be co	l a declaratio	c coal operat n under Code receipt there	or and by any c § 22-4-20, if t of:	oal owner he permit	
					WAIVE				
location has well locatio the work pro	examing, the posed to	well l	is propo location lone at	osed well n has beer this loca	n added to the ation, provide	a mine map eman mine map. The	e/ of the xists which sove the undersigned perator has compregulations.	ers the area	a of the ction to
			3.0						and the second second
te:		:	, 19			and the state of t			
			*** .	•	В	У	:		
						A			and the second second