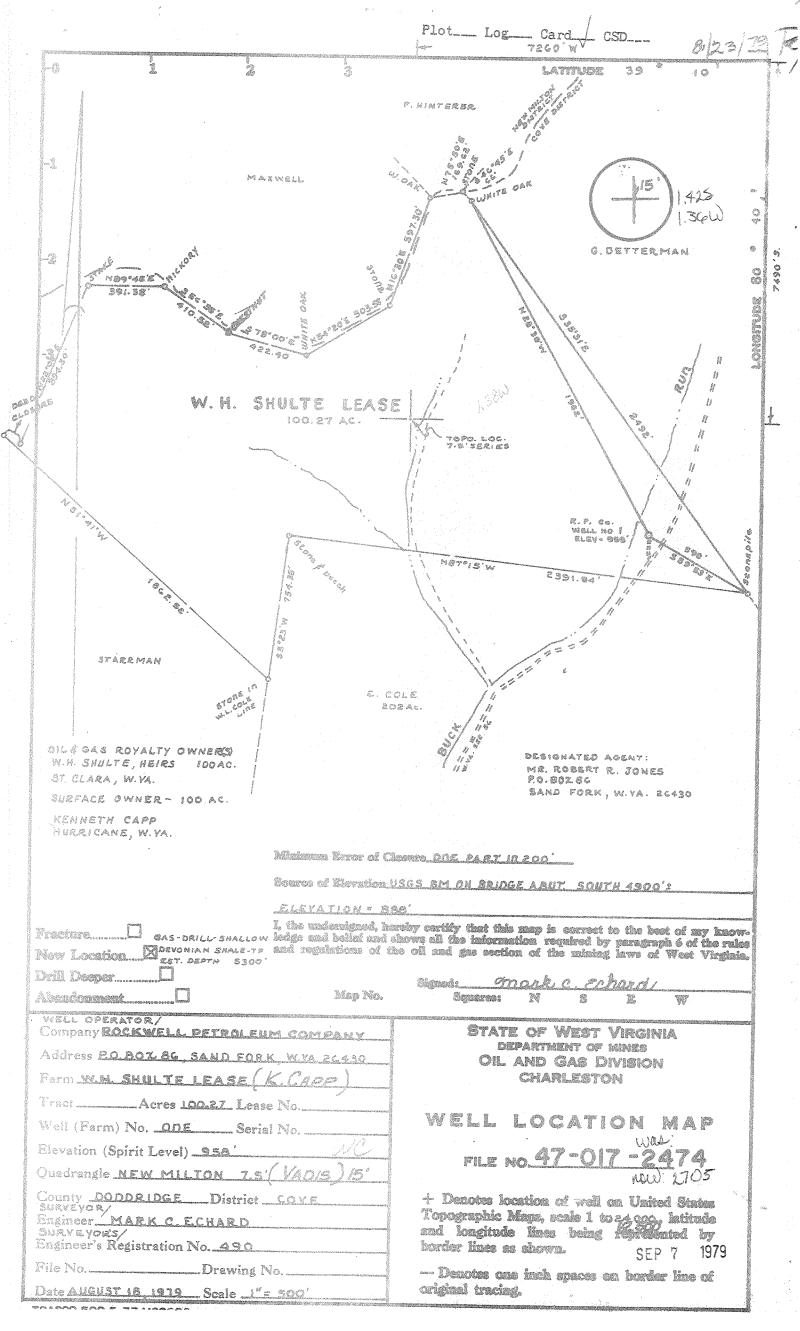


SOUTH 307 JUN 6 NEW MILTON



DEPARTMENT OF MINES, OIL AND GAS DIVISION Operator's RM IV-35 Well No. _ Shulte #1 byersel API We) No. 27 - 017 -2705 State County Permit WELL OPERATOR'S REPORT ! 8-78. DRILLING, FRACTURING AND/OR STIMULATING, OF PHYSICAL CHANGE E: Oil / Gas X / Liquid Injection / Waste Disposal (If "Gas", Production X / Underground storage / Deep / Shallow X /) Elevation: 958 Watershed: Buck Run District: Cove County: Doddridge Quadrangle: New Milton DESIGNATED AGENT Robert R. Jones RATOR Rockwell Petroleum Company Address P O Box 86 iress P O Box 86 Sand Fork, WV 26430 Sand Fork, WV 26430 ID 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 80 ISSUED ON April 25 LICABLE: PLUGGING OF DRY HOLE ON NTINUOUS PROGRESSION FROM DRILLING OR Name Paul Garrett Address <u>Clarksburg, WV 26301</u> VERBAL PERMISSION OBTAINED 622-3871 19___ Devonian Shale CAL TARGET FORMATION: ___ pth of completed well, 5460 feet Rotary / Cable Tools ter strata depth: Presh, 120 feet; salt, feet. al seam depths: None Is coal being mined in the area? No rk was commenced May 12 , 19 80 , and completed May 17 , 19 80 AND TUBING PROGRAM CENEUT FILL-UP FOOTAGE INTERVALS SPECIFICATIONS OR SACKS Weight per ft New Used For drilling Left in well (Cubic feet) Kinds 11411 ater | 8 5/8 1141' To surface diate 54031 150 sks ion 2 | 1980 ЩЩ Perforations: DIL & GAS PIVISION Top Bettom DEFT OF MINES Pay zone depth ____5009 Benson oducing formation ___ Oil: Initial open flow, ___Bbl/d Gas: Initial open flow, _____Mcf/d Final open flow, Mcf/d Final open flow, Time of open flow between initial and final tests, ____ hours Static rock pressure, psig (surface measurement) after hours shut in f applicable due to multiple completion--] Pay zone depth 5339 _ feet cond producing formation Blk ALBA Gas: Initial open flow, Mcf/d Oil: Initial open flow, COMBINED Final open flow, 910 Mcf/d) Final open flow. Time of open flow between initial and final tests, 3 nours Static rock pressure, ______ psig (surface measurement) after 55 hours shut in 7 1980 JUL

Little to English

08-78]

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

Fractured May 24, 1980

40,000 lb. 80/100 sand 40,000 lb. 20/40 sand 2200 lb. breakdown 519 bbls. water 15.2 BPM at 2800 lb.

Perforations - 5124 - 5339, 8 holes

Benson - 20,000 lb. 80/100 sand 40,000 lb. 20/40 sand 2150 lb. breakdown 480 bbls. water 16.7 BPM at 1810 lb.

Perforations - 5007 - 5009, 5 holes

ELL LOG

2766 100		<u> </u>			
FORMATION	Color	llard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresand salt water, coal, oil and ga
Surface			0	120	
Sand			120	124	Water
Red Rock			124	132	
Slate			132	280	
Red Rock			280	291	
Siste			291	303	
Shale	The state of the s		303	495	
Red Rock			495	522	nervendage
Sand	PARTIES AND ADDRESS AND ADDRES		522	601	The state of the s
Red Rock			601	629	
Shale			629	942	
Sand			942	981	
Red Rock	TAO TAO TAO		981	1098	
Shale	and the second s		1098	1420	
Sand			1420	1488	
Shale .	olikosztineg.		1488	1930	
Sand	Overvious		1930	1965	
Shale	Political and the second secon		1965	2045	
11110			- 2045	2074	
Slate	Table 1		2074	2085	
Lime			2085	2255	
Shale	. Operation		2255	2320	
Sandy Shale			2320	2410	
Shale Sand		1.1	2410	2525	
Shale	- A		2525	2554	
Sand			2554	2738	
Shale	- Office desired		2738	2748	
Sand			2748	3080	
Shale			3080	3092	
Sandy Shale	No. of Control of Cont	-	3092	3450	
Shale Shale	- Adjusted Control of	anappy and a second	3450	3460	•
Sandy Shale	The state of the s		3460 5002	5002 5014	
Shale	- Anna Anna Anna Anna Anna Anna Anna Ann	- Agrandada	5002	5014 5120	Show of gas
Shale with sand strip	noare Al		5120	5350	Charles Compa
Shale Shale	15×13 146 1	2 X	5350	5460	Show of gas
Total Depth		C1-22-200	5460	3400	
	100		2700		

Rockwell Petroleum Company

Well Operator

Its Partner

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."

(1.01	iner	ry.		2 4 7	100000 100000
April	24		,	10	80

e: <u>April 24</u>

Operator's Well No.

Shulte #1

API Well No. 47 - 017 _2705

[08-78] OIL AND GAS WELL PERMIT APPLICATION

		API Well No. $\frac{47}{\text{State}} = \frac{017}{\text{County}} = \frac{2705}{\text{Permi}}$
ELL TYPE: 011/ Gas X_/	₹	State County Permi
(If "Gas", Production X / Undergr	round storage/ D	eep/ Shallow_X_/)
OCATION: Elevation: 958' Watershe	d: Buck Run	
District: <u>Cove</u> County:	Doddridge Quad	rangle: New Milton
ELL OPERATOR <u>Rockwell Petroleum Company</u>	DESIGNATED_AGENT	Robert R. Jones
Address P O Box 86	Address	P O Box 86
Sand Fork, WV 26430	-	Sand Fork, WV 26430
L & GAS DYALTY OWNER <u>W. H. Shulte Heirs</u>		N/A
Address <u>St. Clara, WV</u>	Address	
Acreage 1'00	COAL OWNER(S) WIT	TH DECLARATION ON RECORD:
RFACE OWNER Kenneth Kapp	Name	N/A
Address <u>Hurricane, WV</u>	Address	*
Acreage		N/A
ELD SALE (1F MADE) TO:	Address	
me N/A	Note that the second se	
Address	COAL LESSEE WITH	DECLARATION ON RECORD:
L & GAS INSPECTOR TO BE NOTIFIED	Address	
me Paul Garrett		APR 2 5 1980
Address <u>Clarksburg, WV 26301</u>		OIL & GAS DIVISION
622-3871		DEFT. OF MINES
The undersigned well operator is entitle	ed to operate for oil c	regas purnoses at the above
cation under a deed/ lease X _/ other	contract/ dated	<u>January 3</u> , 19 <u>79</u> , to the
dersigned well operator from W. H. Shult	e Heirs	
f said deed, lease, or other contract has been i	recorded:]	
corded on August 18 , $19\overline{9}$, in the office	ce of the Clerk of the	County Commission of Doddridge
unty, West Virginia, in <u>Deed</u> Book <u>11</u>	<u>0 at page 223</u> . A	permit is requested as follows:
PROPOSED WORK: Drill Y / Drill doeper	/ Redrill / Eractu	re or stimulate /

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

Perforate new formation

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any blockion they wish to make or are required to make by Code § 22-4-3 must be filed with the Department fillines 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 y registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessence before the day of the mailing or delivery of this Permit Application to the Department of Mines at marleston, West Virginia.

EASE SUBMIT COPIES OF ALL ECPHYSICAL LOGS DIRECTLY TO:

EST VIRGINIA OIL AND GAS CONSERVATION COMMISSION GIO WASHINGTON STREET EAST HARLESTON, WV 25311

ELEPHONE: (304) 348-3092

BLANKET BOND

Plug off old formation___

Other physical change in well (specify)

Rockwell Petroleum Company
Well Operator

By Mark C. Cilcal

Its Partner



PROPOSED WORK ORDER

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

ILLING CON	ITRACTOF	R (IF K	(имои		U	nion Drilli	ng, Inc.	Andrews and space that the party of the part		
				Addres	-	rawer 40				
					В	uckhannon,	WV 26201			
OLOGICAL T	ARGET F	FORMATI	ON,	Dev	oniar	n Shale				
Estimat	ed dept	h of c	omplet	ed wel], _	5300	_ ſeet	Rotary X /	Cable tools_	/
								, <u>N/A</u> feet.		
Approxi	mate co	al sea	m dept	hs:	N/	A Is	coal being m	nined In the area	? Yes/	No X
SING AND T	יווסדאור ד		ı				*			
SING OR	ODING I		, FICATI	ONS	N	FOOTAGE	INTERVALS	CEMENT FILL-UP	PAC	KERS
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nductor			<u> </u>						Kinds	2 (4) 176 (4) 176 (
esh water	8 5/8					1125'	1125'	To surface		79, 44 95,75
al .	·								Sizes	Name of the Artist Parish of t
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oduction	4½						5300'	160 sks	Depths set	
bing										
ners									Perforation	15:
									Top	Bottom.
									·	ê îs
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operatio	ns haye	noi cemi	menced	y1-	-5-81	erentian kuruwan antah sukukasancasapanga (ili)				
Ti o: i: Deation has	r coal s to be ne unde s exami	owing a lessee issued rsigned the well	wiver who he d withi d coal is prop	must is recin fif opera	tor_ tor_ well been	a declaration (15) days of WAIVE / owner location. I added to the tion, provide to the control of the control	n under cod receipt the R les fa mine map e mine map. ed, the well	ator and by any a e § 22-4-20, if a reof: see / of the exists which continue the undersigned operator has conng regulations.	coal under vers the are has no obje	a of the ction to
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Ву _

-51	JY - ↓
P	FORM IV-2
	(Obverse)
	[08-78]

			E OF WE				
	DEPARTMENT	OF	MINES,	OIL	AND	GAS	DIVISIO
7 7 11 W	44 11 11 11 11						

		100	1.8.5	The state of	
August	21			19	79
				4.72%	

C	To a series of the series of t
	S Contraction

OIL AND GAS WELL PERMIT APPLICATION

Operator	's	
Well No.	Shulte	#1
API Well	No. 47 -	017 -2474

Date:

			API Well No. 47 - 017 -2474
ELL TYPE:	011/ Gas <u>χ</u> /		API Well No. 47 - 017 -2474 State County Perm
	(If "Gas", Production X		Deep/ Shallow_X /)
OCATION:	Elevation: 958	Watershed: Buck Run	
		County: <u>Doddridge</u> Qu	
ELL OPERAT	OR <u>Rockwell Petroleum Co</u> r	npany DESIGNATED AGE	INT Robert R. Jones
	ss <u>P O Box 86</u>		P O Box 86
	Sand Fork, WV 26430		Sand Fork, WV 26430
		reference and the second of the second	the electric control of the control
IL & GAS DYALTY OWN	ER <u>W. H. Shulte, Heirs</u>	COAL OPERATOR	N/A
Addres	s St. Clara, WV		
Acreage	e <u>100</u>	COAL OWNER(S)	WITH DECLARATION ON RECORD:
RFACE OWN	ER <u>Kenneth Capp</u>	Name N/A	
Address	Hurricane, WV	Address	
	and the second s		
Acreage	= 100	Name N/A	
ELD SALE ((IF MADE) TO:	Address	
ne	N/A		
Addresn		COAI, LESSEE WI	TH DECLARATION ON RECORD:
	-	Name N/A	
L & GAS IN	SPECTOR TO BE NOTIFIED	Address _	DECEUVAIN
ne	Paul Garrett		WP OCC
Address	Clarksburg, WV		AUG 2 3 1979
	622-3871	and the state of t	
Th	o undersigned well operator	is entitled to operate for oil	OIL & GAS DIVISION
		_/ other contract / date	
	well operator from W. H. Sh		<u> </u>
said deed	d, lease, or other contract	has been recorded:]	
			e County Commission of Doddridge
			A permit is requested as follows:
		ceper/ Redrill/ Frac	
		ion/ Perforate new form	· · · · · · · · · · · · · · · · · · ·
		ge in well (specify)	
		· · · · · · · · · · · · · · · · · · ·	
	planned as shown o	on the work order on the rever	se side hereof.
The			e are hereby notified that any
	· · · · · · · · · · · · · · · · · · ·		

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 registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lesseor before the day of the mailing or delivery of this Permit Application to the Department of Mines at

ASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO:

rleston, West Virginia.

T VIRGINIA OIL AND GAS CONSERVATION COMMISSION 5 WASHINGTON STREET EAST RLESTON, WV 25311

EPHONE: (304) 348-3092

Rockwell Petroleum Company
Well Operator

Robert R. Jones Partner [08-78]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:

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

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		Arthur 1	* * * * * * * * * * * * * * * * * * *			Buckhannon,		*		
					whiteler:	buckitamion,	20201	COLUMN CO		
EOLOGICAL T	ARGET	FORMAT.	ION,	Dev	oniar	Shale				
								Rotary X /	Cable to	ols /
							*	feet,		
• -										/ NY N
Approxi	mate co	oal sea	am depti	hs: _	None	1.5	coal being mi	ned in the area	· Yes	/ NO_ <u>X</u> /
ASING AND T	UBING 1	PROGRAI	v <u>I</u>	٠						
ASING OR	diam's		IFICATIO	ONS		FOOTAGE	INTERVALS	CEMENT FILL-UP	\$ 6600	PACKERS
UBING TYPE		9	Weight	į.	9		§	OR SACKS (Cubic feet)		2007) 1207
7	Size	Grade	per it	New	used	For driffing	Leic in weir			AG.
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resh water	8 5/8				<u> </u>	1125 ft	1125 ft	To surface		
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