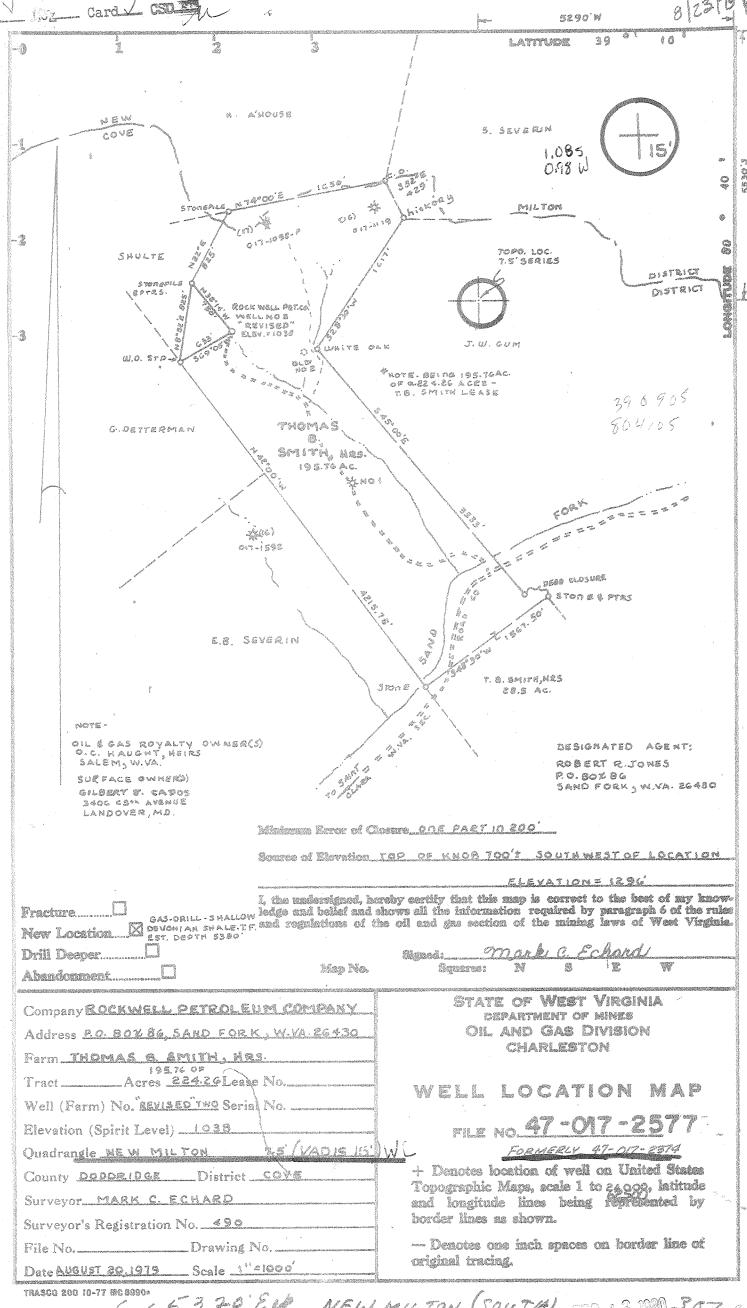
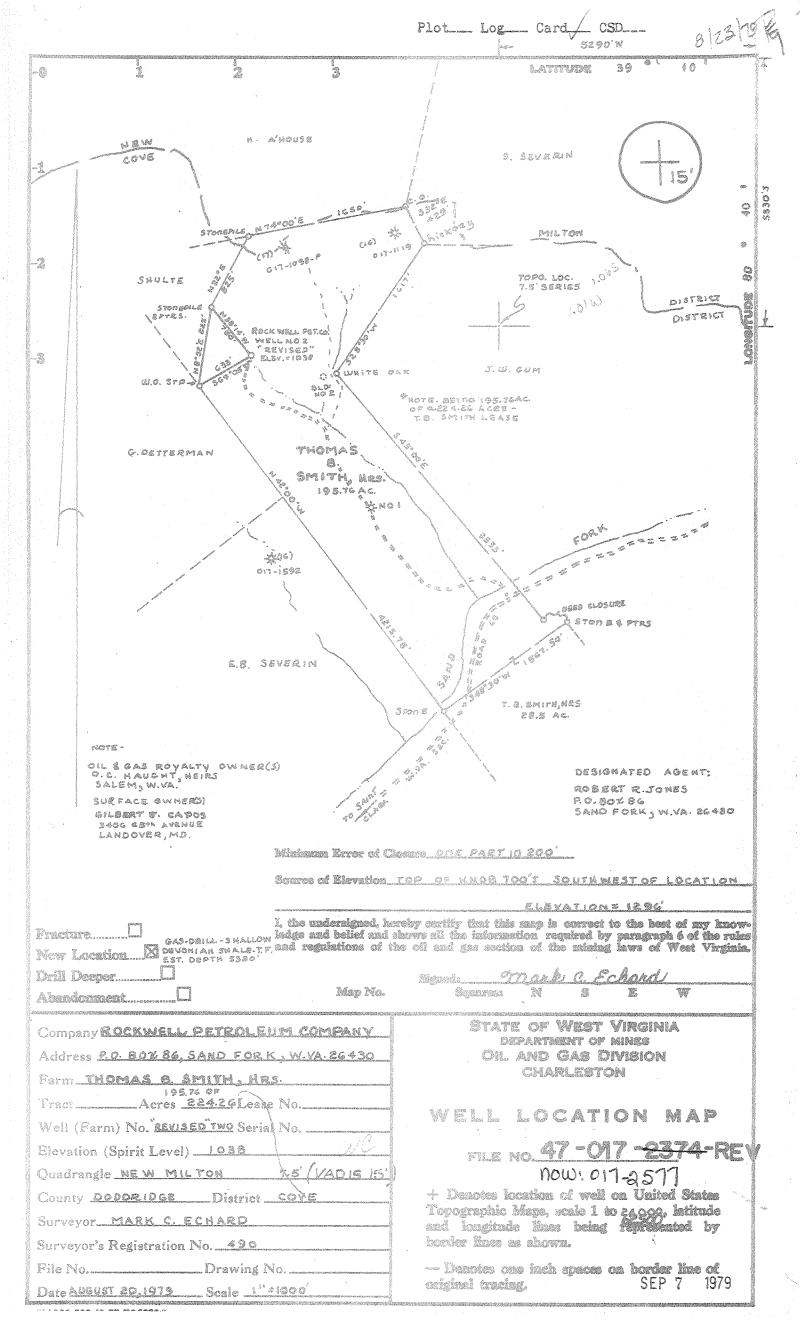


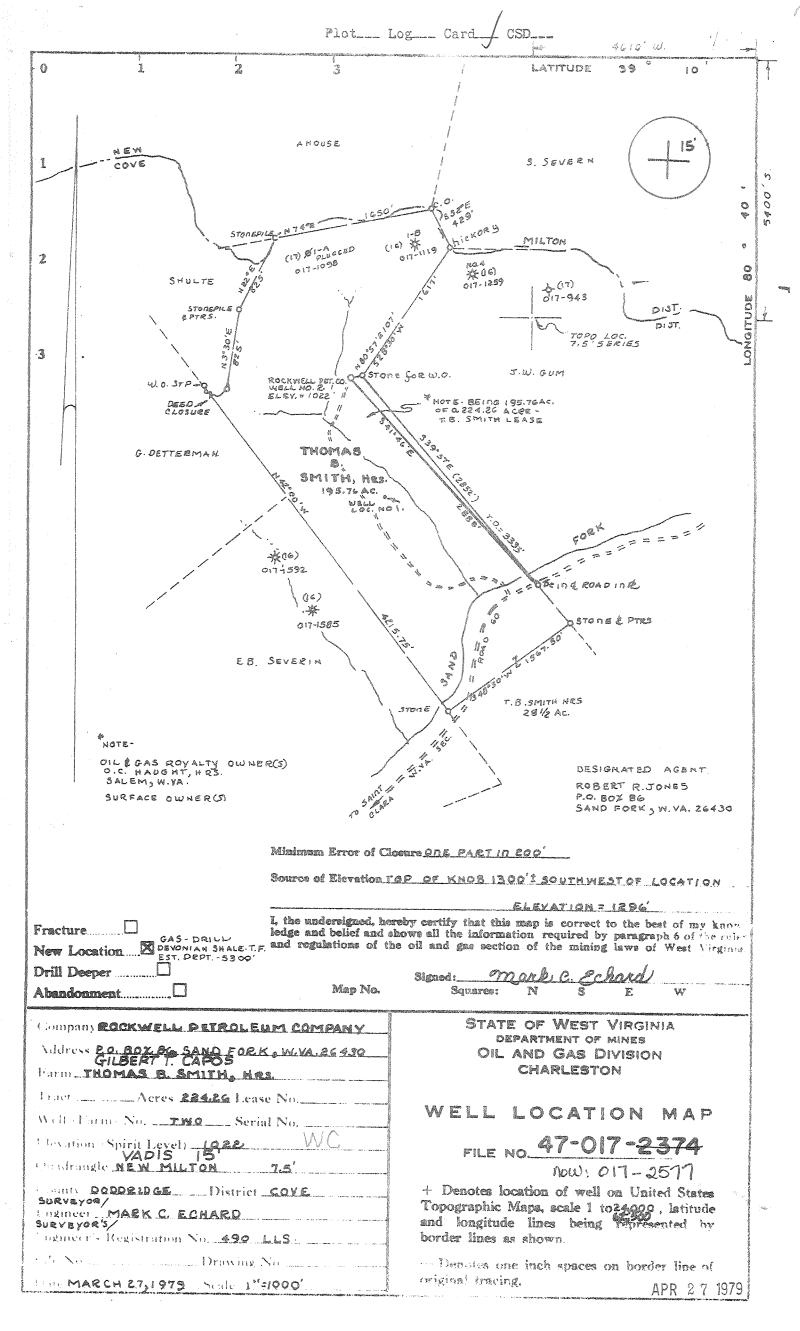
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FORM IV	-35		DEI	Pa rt m	ent o	MINES, OIL	AND GAS DIVISI	(A) 5 2	Smith #2A	and an artist of the second
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[08-78]		ON A Section	INC. FE	ACTUR	ING A	nd/or stimila	TING, OR PHYS	CAL CHANGE	State County	- 257 Permi
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Sŧ	atic r	ock pr	essure,	AL SAMPLEMON CONTRACT	CARDO COMPRESSORESTONICO	psig (surface	measurement)	after hou	82.43 33846 488	
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Gas: Initial open flow, Mcf/d Oil: Initial open flow, Bbl/d

Time of open flow between initial and final tests, 4 hours Static rock pressure, 1750 psig (surface measurement) after 72 hours shift in 1980

COMBINED Final open flow, 750,000 . Mcf/d) Final open flow, Bb1/i

08-78]

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

Fractured April 11, 1980

20,000 lb. 80/100 sand 40,000 lb. 20/40 sand 3450 lb. breakdown 660 bbls. water

660 bbls. water 22 BPM at 1950 lb.

Perforations - 5128' - 5339' 8 holes

Benson - 10,000 lb. 80/100 sand 25,000 lb. 20/40 sand 2800 lb. breakdown 375 bbls. water 15 BPM at 1600 lb.

Perforations - 5015 - 5017.5, 6 holes

ELL LOG

POPMARTON		Hard or		Bottom	Remarks Including indication of all fresh
FORMATION ***********************************	Color	Soft	Top Feet	<u>Feet</u>	and salt water, coal, oil and gas
Surface	0.450 0.050 0.050	Mineral	0	80	
Sand	Separate Control of Co		80	84	Water
Shale		V-1,1760	84	122	A CONTRACTOR OF THE CONTRACTOR
Sand			122	128	Water
Red Rock			128	164	
Shale			164	385	
Red Rock			385	440	
Shale			440	680	
Slate		- 100	680	685	
Red Rock		The state of the s	685	708	
Shale			708	910	
Sand			910	972	
Red Rock	Spanish and the second		972	1011	
Shale	none Accept		1011	1220	
Sand	0.00 mg		1220	1242	
Slate		Children	1242	1301	
Shale			1301	1642	
Sand			1642	1673	
Shale	emple y pa		1673	2020	
Sand			2020	2050	
Shale			2050	2080	
Sand			2080	2120	Show of gas
Lime			2120	2180	
Shale Lime			2180	2188	
Lime		Designation of the second of t	2188	2260	
Shale			2260	2290	
Sandy Shale	Biblio and a second sec	oddoon	2290	2410	
Shale		-	2410	2522	
Sand	0	9773000	2522	2548	
Shale		No.	2548	2670	
Slate & Shale		Port green	2670	2885	
Sand	1.77		2885	2908	
Slate	Participation of the Control of the		2908	3180	
Sandy Shale			3180	3120	
Shale			3210	5010	
Sandy Shale	The second secon	constant in	5010	5020	Show of gas
Shale	And the second s		5020	5040	
Sandy Shale	3 8		ach 5040 ach separat		Show of gas complete as necessary)
Shale 4,5152	5300	(Att	aen separat	e sheets to	complete as necessary)

Shale 5152 5300 Sandy Shale 5300 5370 Show of gas Shale 5370 5401

Total Depth 5401

Rockwell Petroleum Company

Well Operator

Its Partner

NOTE: Regulation 2.02(i) provides as follows:

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

产 組成

FORM IV-2	and the state of t	STA	TE OF WEST	VIRGIN	IA	Date:	March 28	, 197
(Obverse)		DEVARTMENT O	F MINES, OI	L AND	GAS DIVISION	Operator	·¹s	
[08-78]		OIL VND C	AS WELL PERI	MIT AP	PLICATION		Smith #2	
FIL TYPE: Of	11/ Gas _	v ./		e en fee		HLI MEIT	No. 47 - 0	
	If "Gas", Product		Underground	stora	re / De	en /	now.ol7	3
	levation: 1022	and the same of th					0.12.2.2.0	······································
	istrict: Cove					rangle: No	ew Milton 7.	51
			*					
	Rockwell Petro	,			UNATED AGENT			
* .	P O Box 86			wer i				
	Sand Fork, WV	26430	The state of the s	<u>.</u> 1	San	id Fork, V	VV 26430	
IL & GAS			:	n 700 r			1. I	
	O. C. Haught I		And the second					
Address _	Salem, WV				Address		1	- Age refers
Acreage	224.26			COAL	OWNER(S) WIT	TH DECLARA	TION ON RECOR	?:::
	Gilbert T. Car)OS	A STATE OF THE STA				month manner man bearing from the	
	3406 65th Aver				Address		The second way to the	
	Landover, MD					44)	Callad
7	224.26			Name				
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ame						The second secon		A COMMAND OF THE STREET
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IL & GAS INSP	ECTOR TO BE NOTI	PIED			Address			
ame Paul Ga	rrett	was sense and a sense of the se	•				· · · · · · · · · · · · · · · · · · ·	
Address _	Clarksburg, WV	-vytenia - vytenia - vyten			· · · · · · · · · · · · · · · · · · ·	-		
	Phone: 622-38	7.1		1.5				
The	undersigned well	operator is	entitled to	opera	ate for ail c	or gas pur	noses at the	above
	a deed/							
	ll operator from		the second second					
	lease, or other		· ·					
The second second	January 10 , 19					County Co	mmission of	Doddridge
	irginia, in <u>1</u> (
PROPOSED V	WORK: Drill_X_	' Drill deep	per/ Ro	drill_	/ Fractu	re or sti	mulate/	
	- Plug off o	old formation	/ Po	erforat	e new format	ion/		•
	Other phys	sical change	in well (sp	ecify?				
	The state of the s						-	
	planned	as shown on	the work or	der or	the reverse	e side her	eof.	
The a	above named coal	operator, co	oal owner(s)	, and	coal lessee	are hereb	y notified th	nat any
jection they	wish to make or	are required	i to make by	Code	§ 22-4-3 mus	t be file	d with the De	epartment
Mines within	n fifteen (15) da	ays after the	receipt of	this	Application	by the De	partment.	
Copie	es of this Permit	. Application	and the er	closed	l plat and re	clamation	plan have be	een mailed
registered :	mail or delivered	by hand to	the above r	named o	oal operator	, coal ow	ner(s), and c	coal lesse-
or before th	he day of the mai	ling or deli	very of thi	s Perm	nit Applicati	on to the	Department o	of Mines at
narleston, We	st Virginia.					-		
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SHILL TART TO	GS DIRECTLY TO:			7	nalmali D-+	roloum C-	mana.	the state of the s
OT VIRGINIA (OIL AND GAS ON COMMISSION		<u> </u>	K(ockwell Petr	Well Oper	mpany ator	
	N STREET EAST	راه العامل ا العامل العامل العام	nan yan r		mi.			
**************************************	04) 348-3092	and the state of t	SHIPS AND NO HE OWN.	y	Soft A		<u> </u>	
2			I	ts Pa	artner		·	

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)	Un:	ion Di	cilling, Inc	11 × 12		e tree, i to	
						,			en e	
						Buckhannon,	WV 26201			
GEOLOGICAL T	ARGET	FORMAT	ION.		E	lk				
. •							feet	Rotary X /	Cable tools	/
							eet; salt,		, macronador	-
Approxi	mate c	oal sea	am dept	hs:		Ts	coal being mi	ned in the area	? Yes/	No X
CASING AND T	HETNE	PROCRAI		•						
CASING OR	1		IFICATI	ONS		FOOTAGE	INTERVALS	CEMENT FILL-UP	■ PACK	RS
FUBING TYPE	Size	1	Weight	8	Used		Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)		Service Control
Conductor '									Kinds	
Fresh water	8 5/	8	20 lb	X	·	1200	1200	To surface		nista Marian
Coal							•		Sizes	
Intermediate										
Production	4½	-	9.5	Х			5320		Depths set	
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liners									Perforations:	· · · · · · · · · · · · · · · · · · ·
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							e coal operate n under Code i receipt there	or and by any c $$22-4-20$, if t $of:$	oal owner he permit	
						<u>W A I V E</u>	R	•		
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FORM IV-2 (Obverse)	<u>CO</u>	STATE OF WEST VIRGINIA PARTMENT OF MINES, OIL AND GAS	DIVISION
[08-78]	WW		

OTT	AND	CAO	1.7127 T	שואיםיות	A TO TOT T C'A CO L CO 1
OIL	MIND	1124.5	WILLL	TEMPLE	APPLICATION

Date:	January	14	,	1	9.	
0						

Operator's		
Well No.	Smith	#2

						API	Well	No. 47	- 017	257
WELL TYPE:	011/	Gas X	/				. ((Formerly	:DOD-2	374 ⁻
	(If "Gas",	Production	Х /	Underground storage	/	Deep	/	Shallow	X 🕜	

		***************************************		***************************************	• • • • • • • • • • • • • • • • • • • •	-		
LOCATION:	Elevation:	1022'	Watershed:	Sand Fork				_
	Dictrict:	Cove	Country I	oddridge	Oundmonales	New Milton	7 51	

DESIGNATED AGENT Robert R. Jones WELL OPERATOR Rockwell Petroleum Company Address P O Box 86 P 0 Box 86 Address Sand Fork, WV 26430 Sand Fork, WV 26430

OTT. & GAS ROYALTY OWNER O. C. Haught Heirs COAL OPERATOR Address Salem, WV Address

Acreage 224.26 COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Gilbert T. Capos Address 3406 65th Avenue Address _ Landover, MD

224.26 Name Acreage _ FIELD SALE (IF MADE) TO:

Address COAL LESSEE WITH DECLARATION ON RECORD:

OIL & GAS INSPECTOR TO BE NOTIFIED

Paul Garrett Address <u>Clarksburg, WV</u>

Phone: 622-3871 The undersigned well operator is entitled to operate for oil or gas pursoss plats the above location under a deed ___ / lease X / other contract ___ / dated October 25 Map 177 __.

undersigned well operator from ____O. C. Haught and Blanche Haught, et al

[If said deed, lease, or other contract has been recorded:]

Recorded on January 10 , 19 78 , in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 103 at page 379. A permit is requested as follows:

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

Plug off old formation___/ Perforate new formation___ Other physical change in well (specify)

--planned as shown on the work 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 lesseon or before the day of the mailing or delivery of this Permit Application to the Department of Mines a^{st} Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

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

TELEPHONI. 150-1 348-3092

Rockwell Petroleum Company Well Operator

Partner

[08-78]



PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:

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

RILLING CON	TRACTO	R-(IF	KNOWN)		Uni	on Drilling	, Inc.	***************************************		
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· .					<u></u>	Buckhannon,	WV 26201	·		
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EOLOGICAL T						5320	Soot	Pot ony X	Coblo +00lc	,
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ASING AND T	UBING	PROGRAI	M					to the		
ASING OR	Copyright Copyright		IFICATI			FOOTAGE	INTERVALS	CEMENT FILL-UP	PAC	KERS
JBING TYPE	Size	Grade	Weight per ft	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)		<u>. 2</u>
Conductor									Kinds	. 1984) Sedenis
Presh water	8 5/8		20 1b	X		1200	1200	To surface		er glad
Coal									Sizes	
Intermediate										
Production	4 ¹ ₂		9.5	X			5320		Depths set	
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		accuminate projection of the contraction of the con	- International Control			•	-			
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or	coal	lessee	who ha	s rec	orded	a declaration	he coal operaton under Code receipt there	tor and by any c § 22-4-20, if t eof:	oal owner he permit	
						WAIVE		•		
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te:		W	, 19					-		77 - 77 - 74 - 74 - 74 - 74 - 74 - 74 -
			***************************************			,	Bv			