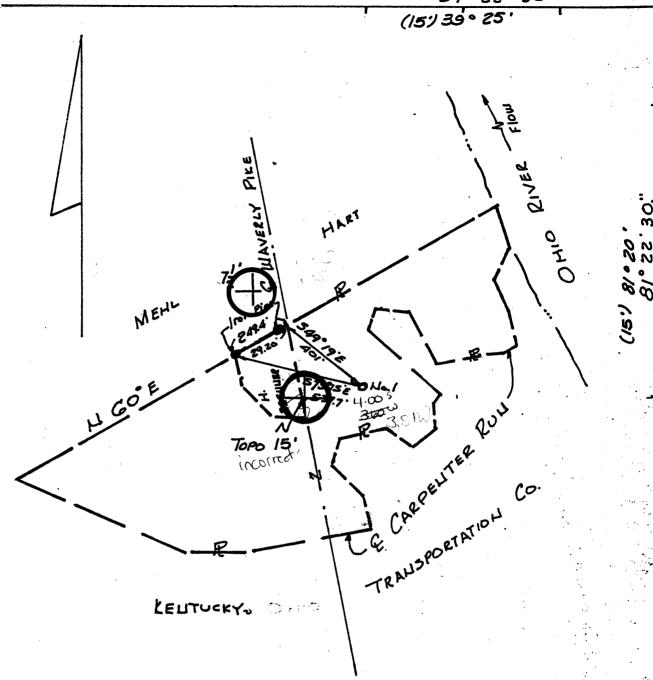
ON. 2.26.80 JUL 39° 22′ 30″



Source of Elevation Intersection Waverly Road & Drive 5000 Southeast of Well Elev. Gos USGS

1, the undersigned, hereby certify that this dep is correct to the best at ay averledge and belief and short all the intermedian required by paragraph 6 of the rules arise platform of the life and section of the winds of the rules arise platform of the life and section of the winds of the rules of the finite.

amino exercer, 26, 7500 to ... 200. 2-26-80 593.5 17: 400

Haught, INC. Smithville, WVA, 26178

FRAUK WELTER ETUX

11.4.1 A & B A 11.1.2 Z 5.8Z

STELLATOR OF REPORTED STATEMATOR To.

DEFECTION AND ADDRESS OF THE PROPERTY OF THE P

HELL (STEET) Like TMILLS 7.5 Min.

604

MOINT WOOD DISERSE UHIOH _

Thomas D. Schultheis

TARE OF A FAMILY VOLUMES OF A DIVISION CHARLESTON

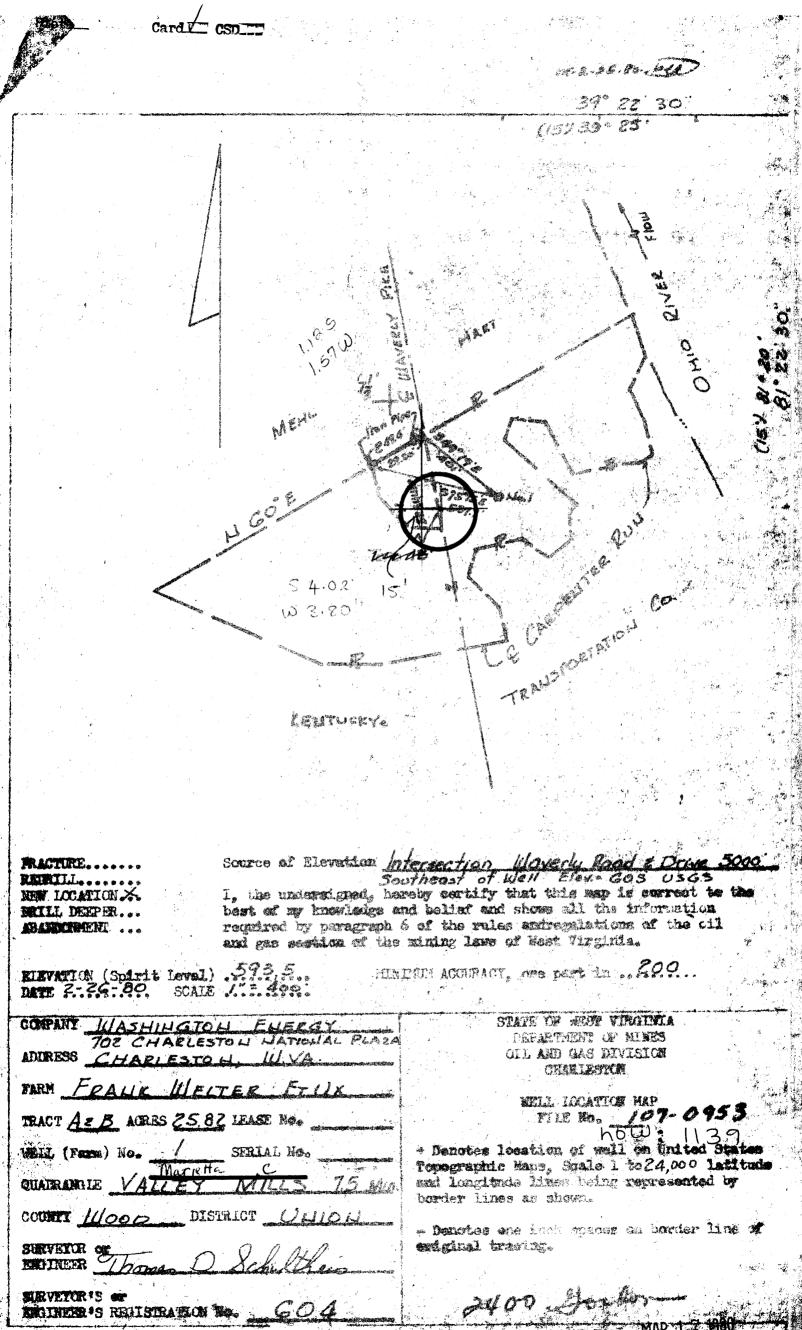
5 15 No. 107-1139

was: Wood 953 + Danotes location of well on phical States
Topographic Maps, Scale I w 24,000 Indicate
and longitude lines bring represented by
border lines as summ.

- Donotor and inco opades an barder line of Formerly! Wood - 953

.4000' Shale

FEB 2 4 1981



IV-35 (Rev 8-81)



State of **Mest Airginia**

Bepartment of Mines Gil und Gas Bivision

Date	12-5-8	31		
Operato	r's			
Well No	• <u>Wel</u>	ter 1	-H1 2	23
Farm	Frank	Welte	r #1	5
API No.	<u>47</u> -	107		0953
				1139

WELL OPERATOR'S REPORT OF

DRILLING,	FRACTURING	AND/OR	STIMULATING,	OR	PHYSICAL	CHANGE
-----------	------------	--------	--------------	----	----------	--------

WELL TYPE: Oil x / Gas x / Liquid Injection (If "Gas," Production / Underground	/ Wast	e Disposa e/ Deep	l/ p/ Sha	llow/)
LOCATION: Elevation: 593 Watershed Oh	io River	and Carpen	ters Run	
District: Union County Wood				
		•		
COMPANY				
COMPANY King Energy Corporation		Y		
ADDRESS 6300 N. Classen Blvd., Oklahoma City, Ok	·Caşing	Used in		Cement fill up
DESIGNATED AGENT Thomas Halloran	Tubing	Drilling	in Well	Cu. ft.
ADDRESS 604 Virginia Street E., Charleston, W.V.	Size 20-(16			50 sacks
SURFACE OWNER Frank & Rose Welter	Cond.	23'	23'	cement
ADDRESS Rt. 1. Williamstown, W. Va.	13 - ∕10"	292'	292'	125 sacks
MINERAL RIGHTS OWNER Frank & Rose Welter	9 5/8			
ADDRESS Rt. 1. Williamstown, W. Va. OIL AND GAS INSPECTOR FOR THIS WORK Paul	8 5/8			
Goodnight ADDRESS Smithville, W. Va.	7	1679'	1679'	70 sacks
PERMIT ISSUED 1-23-81	5 1/2			
DRILLING COMMENCED 7-16-81	4 1/2	3968'	3968'	3358acks+
DRILLING COMPLETED 7-27-81	3			
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2			
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used	none		
GEOLOGICAL TARGET FORMATION Devonian Shale		Dept	-h /000	feet
Depth of completed well 4008 feet Ro				
Water strata depth: Fresh 0-200 feet;			10015	
Coal seam depths: none			d in the	area?
			<i></i>	uruno_
OPEN FLOW DATA	_	•		
Producing formation Devonian Shale				
Gas: Initial open flow 250 Mcf/d				
Final open flow 250 Mcf/d				
Time of open flow between initia		_		
Static rock pressure 1150 psig(surface (If applicable due to multiple completion-		ent) artei	<u>24</u> nou	rs'snut in
and the control of th				
Second producing formation N/A				
Gas: Initial open flow Mcf/d				
Final open flow Mcf/d Time of open flow between initi				
Time of open flow between initi		-		
Static rock pressurepsig(surface)	iicasureiie	ait) arter	nou	rs snut m
		(Conti	we on re	verse side)

B-2

FORM IV-35 (REVERSE)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. The Devonian Shale was treated only at the following intervals

2564 to 3571 - 3 holes 3628 to 3630 - 4 holes 3646 to 3654 - 4 holes 3658 to 3676 - 9 holes 3758 to 3754 - 3 holes 3798 to 3806 - 4 holes 3810 to 3818 - 3 holes The well was fractured with approximately 1,600,000 cubic ft. of nitrogen only.

WELL LOG

FORMATION COLO	OR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand & Gra Sandy Shal Broken San	e & Sandstone d & Shale stone Primarily	0' 23' 292' 1679' 2350'	23' 292' 1679' 2350' 4008'	Fresh Water Fresh Water Salty Water (Brine) Salt Water (Brine) Salt Water (Brine)
	···			
•			,	
				•
	•			
				·
	:		: ::	
		•	• •	4

(Attach separate sheets as necessary)

		Corpora	ation
Well Ope	erator	/	
By: San	uson-	HEFNT	•
Date: /2	15-51		

Note: Regulation 2.02(i) provides as follows:

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

(Revised 3-81)



Well No. #1
Farm Frank & Rosemarie Welter
API #47 - 107 - 0953-REN.
Date June 3, 1981

STATE OF WEST VIRGINIA OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: 011 X / Gas X /	
(If "Gas", Production/ Unde	rground storage/ Deep/ Shallow_X_/
LOCATION: Elevation: 593.5 Watershe District: Williams County:	d: Carpenter's Run & the Ohio River Wood Quadrangle:
Unarieston, WV 25301	DESIGNATED AGENT SAME Address
ROYALTY OWNER Frank & Rosemarie Welter Address Rt. 1 Williamstown, WV 26187	COAL OPERATOR NONE
Acreage 28.3	
SURFACE OWNER Frank & Rosemarie Welter Address Rt. 1 Williamstown, WV 26187	COAL OWNER(S) WITH DECLARATION ON RECORD: NAME NONE Address
Acreage 28.3	NAME
FIELD SALE (IF MADE) TO:	Address
Address	COAL LESSEE WITH DECLARATION ON RECORD:
OIL AND GAS INSPECTOR TO BE NOTIFIED:	Address DECEUVE
NAMEAddress	JUN - 3 1981
Telephone	
	OIL & GAS DIVISION DEPT. OF MIN
The undersigned well operator is entitle above location under a deed/ lease X / to the undersigned well operator from Fran (If said deed, lease, or other contract has be	
Recorded on <u>February</u> , 19 <u>80</u> , in the offi	
	733 Book at page 626. A permit is
PROPOSED WORK: Drill X / Drill Deeper	/ Redrill / Fracture or stimulate / / Perforate new formation /
planned as shown on the The above named coal operator, coal owner(s), objection they wish to make or are required to	work order on the reverse side hereof.
nailed by registered mail or delivered by han er(s), and coal lessees on or before the day to the Department of Mines at Charleston, Wes	after receipt of this Application by the Dept losed plat and reclamation plan have been d to the above named coal operator, coal own-
nailed by registered mail or delivered by han er(s), and coal lessees on or before the day to the Department of Mines at Charleston, Wes	after receipt of this Application by the Dept losed plat and reclamation plan have been d to the above named coal operator, coal own- of the mailing or delivery of this Application t Virginia.
nailed by registered mail or delivered by han er(s), and coal lessees on or before the day to the Department of Mines at Charleston, Wes PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	after receipt of this Application by the Dept losed plat and reclamation plan have been do to the above named coal operator, coal ownof the mailing or delivery of this Application t Virginia. Thomas Halloran, Assoc.
mailed by registered mail or delivered by han er(s), and coal lessees on or before the day to the Department of Mines at Charleston, Wes PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION By:	after receipt of this Application by the Dept losed plat and reclamation plan have been do to the above named coal operator, coal ownof the mailing or delivery of this Application t Virginia. Thomas Halloran, Assoc. Well Operator
realled by registered mail or delivered by han er(s), and coal lessees on or before the day to the Department of Mines at Charleston, Wes PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	after receipt of this Application by the Dept losed plat and reclamation plan have been do to the above named coal operator, coal ownof the mailing or delivery of this Application t Virginia. Thomas Halloran, Assoc. Well Operator

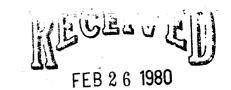
(Revised 3-81)

PROPOSED WORK ORDER

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

DRILLING CONTR	ACTOR (IF	KNOWN)	Glen L.	Haught &	Son		
	,	Address	Smithvi:	Lle, W. V	a		
GEOLOGICAL TAR Estimated d Approximate Approximate Is coal bei	epth of co water str coal seam	ompleted rata dept n depths:	hs: Fres	h,		ry_X / Cable salt,	
CASING AND TUB CASING OR TUBING TYPE	SPE	CIFICATI Weight		For Dril	- Left in	CEMENT FILL-	PACKERS
Conductor 11	ze Grade . 3/4	perit	New Use	d ling 100	Well 100		Kinds
Fresh water 8	5/8			1500			
Coal 4½		-	 	4999		i iS	izes
Production						ID	epths set
Tubing Liners							Perforations:
LINELS							Top Bottom
:							
#22-4-12 required #22-4-8a posed we A separa	b and Regi by Code & from the li. te Form II acturing and is note in accordance the location red . This is	alation 2 322-4-12a 322-4-12a owner of 7-2 shall or stimul ed as suc the with Chap is hereby or permit shall 2-4-8	3, (iv) u, and (v) any wate not be x ating is Lefter 22, opproved	nless prev if applic r well or required fo	iously parable, the dwelling :	consent requi within 200 fea ina or stimula	e well, the fee red by Code et of the pro-
The undersigned location has exarea of the well signed has no example.	coal ope amined the location bjection as complicegularion	thin fif rator_ is propos n, the we to the wo ed with a	be comple orded a d tecn (15) <u>W A</u> / owner_ ed well ell locations	days of rays of rays of rays of rays of rays description. In the case of the c	coal oper under Coaceipt the e/ of If a mine en added the	the coal under map exists who to the mine map is location, p	r this well nich covers the provided the
Date:	, 1	9•		***************************************		·	
				By:			
				lts:		111	





Oil and Gas Division

OIL & GAS DIVISION DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

	PATE February 22, 1980
Surface Owner Frank & Rosemarie Welter	Company Washington Energy Corporation
Address Wood County, WV	700 01-11-4-1 11-4-1 17
Mineral Owner Same as above	
Address	Adjacent Ohio Riven
Coal Owner Same as above	7
Address	Manager Company
Coal Operator None	·
Address	
HIS PERMIT MUST BE POSTED AT THE WELL SITE	
All provisions being in accordance with Chapter 22,	
of the W. Va. Code, the location is hereby approved	TNCDECTOD
for <u>drilling</u> . This permit shall expire if	INSPECTOR TO BE NOTIFIED Goodnight
operations have not commenced by 10-27-80	
Notet & les	ADDRESS
Deputy Director - Oil & Gas Division	PHONE 477–3660
GENTLEMEN:	
	on the above named farm or tract of land for oil and gas, having fee
title thereto, (or as the case may be) under grant or	lease dated February 6, 1980 by Frank &
Rosemarie Weiter made to Washington Ener	gy Corp. and recorded on the 8th day of Feb.
19 80 in Wood County, Book, Deed	
v	REDRILLFRACTURE OR STIMULATE
QIL AND GAS WELL ORIGINALLY DR	
THE CAS WELL CHICKNELL! DR	ILLED BEFORE JUNE 5, 1969.
The enclosed plat was prepared by a registered engineave been notified as of the above date.	ineer or licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are h	ereby notified that any objection they wish to make, or are required
to make by Section 3 of the Code, must be received by	y, or filed with the Department of Mines within ten (10) days. *
	y, or filed with the Department of Mines within ten (10) days.
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address	y, or filed with the Department of Mines within ten (10) days. * led by registered mail, or delivered to the above named coal operators day
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address	y, or filed with the Department of Mines within ten (10) days. * led by registered mail, or delivered to the above named coal operators
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address same day with the mailing or delivery of this copy to t	y, or filed with the Department of Mines within ten (10) days. * led by registered mail, or delivered to the above named coal operators day
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL	led by registered mail, or delivered to the above named coal operators day before, or on the he Department of Mines at Charleston, West Virginia.
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address same day with the mailing or delivery of this copy to t	led by registered mail, or delivered to the above named coal operators day
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND	led by registered mail, or delivered to the above named coal operators day
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address same day with the mailing or delivery of this copy to to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY	led by registered mail, or delivered to the above named coal operators day
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address same day with the mailing or delivery of this copy to to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879	led by registered mail, or delivered to the above named coal operators and day before, or on the he Department of Mines at Charleston, West Virginia. Very truly yours Washington Energy Corp. (Sign Name) Well Operator 702 Charleston National Plaza Address of Charleston, WV 25301
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address same day with the mailing or delivery of this copy to to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879	led by registered mail, or delivered to the above named coal operators day
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505	led by registered mail, or delivered to the above named coal operators and day before, or on the he Department of Mines at Charleston, West Virginia. Very truly yours Washington Energy Corp. (Sign Name) Well Operator 702 Charleston National Plaza Address of Charleston, WV 25301
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505	led by registered mail, or delivered to the above named coal operators day before, or on the he Department of Mines at Charleston, West Virginia. Very truly yours Washington Energy Corp. (Sign Name) Well Operator 702 Charleston National Plaza Address of Charleston, WV 25301
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505	led by registered mail, or delivered to the above named coal operators and before, or on the he Department of Mines at Charleston, West Virginia. Very truly yours Washington Energy Corp. (Sign Name) Well Operator 702 Charleston National Plaza Address of Charleston, WV 25301 City or Town
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331 *SECTION 3 If no objections are filed or found by	led by registered mail, or delivered to the above named coal operators day before, or on the he Department of Mines at Charleston, West Virginia. Very truly yours Washington Energy Corp. (Sign Name) Well Operator 702 Charleston National Plaza Address of Charleston, WV 25301 City or Town State
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331 *SECTION 3 If no objections are filed or found by notice and plat by the department of mines, to said proposed logical contents and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines are filed or found by notice and plat by	led by registered mail, or delivered to the above named coal operators day before, or on the he Department of Mines at Charleston, West Virginia. Very truly yours Washington Energy Corp. (Sign Name) Well Operator 702 Charleston National Plaza Address of Charleston, WV 25301 City or Town State The Department of mines, within said period of ten days from the receipt of cation, the department shall forthwith issue to the well operator a permit reciting the said period of the days from the receipt of cation, the department shall forthwith issue to the well operator a permit reciting the said period of the days from the receipt of cation, the department shall forthwith issue to the well operator a permit reciting the said period of the days from the receipt of cation, the department shall forthwith issue to the well operator a permit reciting the said period of the days from the receipt of cation, the department shall forthwith issue to the well operator a permit reciting the said period of the days from the receipt of cation, the department shall forthwith issue to the well operator a permit reciting the said period of the days from the receipt of cation, the department shall forthwith issue to the well operator a permit reciting the said period of the days from the receipt of cation, the department shall forthwith issue to the well operator a permit reciting the said period of the days from the receipt of cation, the department shall forthwith issue to the well operator a permit reciting the said period of the days from the receipt of the said period of the days from the receipt of the said period of the days from the said period of the days from the said period of the sa
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331 *SECTION 3 If no objections are filed or found by notice and plat by the department of mines, to said proposed logical contents and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines, to said proposed logical contents are filed or found by notice and plat by the department of mines are filed or found by notice and plat by	led by registered mail, or delivered to the above named coal operators day
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331 *SECTION 3 If no objections are filed or found by notice and plat by the department of mines, to said proposed to the filing of such plat, that no objections have been made by the	led by registered mail, or delivered to the above named coal operators day
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331 *SECTION 3 If no objections are filed or found by notice and plat by the department of mines, to said proposed to the filing of such plat, that no objections have been made by the	led by registered mail, or delivered to the above named coal operators and before, or on the he Department of Mines at Charleston, West Virginia. Very truly yours Washington Energy Corp. (Sign Name) Well Operator 702 Charleston National Plaza Address of Charleston, WV 25301 City or Town

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO	XDRILL	DEEPEN	FRACTURE-STIMULATE
DRILLING CONTRACTOR: (If	Known)		
NAME Larry V. Stonest			
ADDRESS Spencer, WV		ADDRESS _ Charle	
TELEPHONE927-4537	· · · · · · · · · · · · · · · · · · ·	TELEPHONE	345-3535
ESTIMATED DEPTH OF COMPLE		ROTARY	CABLE TOOLS
PROPOSED GEOLOGICAL FORM	MATION: Gordon	-	
TYPE OF WELL: OIL_	X GAS X	COMB STORA	GE DISPOSAL
	RECYC	LING WATER F	LOODOTHER
TENTATIVE CASING PROGRAM	:		
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC +7.
20 - 16			12 44x
13 - 10		,	, fix
9 - 5/8	250	250	
8 - 5/8 X	350	350	To Surface
5 ½			
4 1/2	2400	2400	75 Sks.
3		2400	Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom
OF PLAT. FO DRILL DEEPER OR REDRILL SUBMIT FIVE (5) COPIES O WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTEE FO FRACTURE - STIMULATE: OIL AND/OR GAS WELL OR BOND, PERMANENT PLAT A OIL AND/OR GAS WELL OR ING ORIGINAL PERMIT NUM	F OG - 1, SHOWING ORIGINATE OF THE SECOND OF	GINAL PERMIT NUMBER ACOPY OF THE PLAT AND DRE JUNE 5, 1929, FIVE (5) CORD. AND/OR AFTER JUNE 5, 19 E BOND. completion for bond release	BOND AND PERMANENT COPY AND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OG - 1, PERFORMANCE 229, FIVE COPIES OG - 1, SHOW- E. Inspector to be notified twenty-
walver: I the undersigned, Agent this lease have examined We the	completed by the coal operations of the coal operations of the coal operations of the coal company.	perator if the permit is to be Coal Company, Own naps this proposed well loca have no objections to said	
			For Coal Company

Official Title

Date: _	January 23 , 19 81
Operato Well No	welter-1
API Wei	1139. 2 Nc. 47 - 107 - Fermit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, DIL AND DAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

-			••
		Gas X	
	(If "Gas",	Production X	' Inderground storage Deep' Shallow_X_'
LOCATION:	Elevation:	593	Watershed: Ohio River
			County: Wood Sudrangie: Valley Mills, WV
WELL UMERTU	y Haugh	nt. Inc.	DESIGNATED AGENT Warren R. Haught
	•	3, Box 14	
Address		ville, WV 26	
	· Dail Ol	141110, 114 20	
OIL & GAS	D 1-	9. Domenia U	elter COAL OPERATOR None
		& Rosemarie We	
Address	Wood C	County, WV	Address -
Acreage	25.82		COAL CWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNE	er <u>Same</u> a	as above	Name
Address	s		Address
Acreage	e		Name
FIELD SALE	(IF MADE) T	0:	Address CO & GAS FORSION
Name Colum	mbia Gas T	Transmission C	orp. DEPT. OF William
		ox 1273	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		ston, WV 253	λ7
OTT & CAS TO		BE NOTIFIED	Address
		l Goodnight	
Addres	Smithv	ille, WV 261	18
. т	he undersiz	ned well operato	or is entitled to operate for billor gas purposes at the above
			or is entitled to operate for billion gas purposes at the above $\frac{X}{x}$ dated <u>January 12</u> , 19 <u>81</u> , to the
location un	der a deed	/ lease	/ other contract X / dated January 12 , 19 81, to the
location un	der a deed well opera	/ lease	/ other contract X / dated <u>January 12</u> , 19 <u>81</u> , to the Washington Energy Corp.
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FORM IV-2 (Reverse); 7.

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Haught, Inc. Address Smithville, WV 26178									
	• -			Addre	ss	michville,			
JED LOGICAL TARGET FORMATION, Shale									
. Estimated depth of completed well, 4000! feet Rotary X / Dable tools									
Approximate water strata depths: Fresh, 75 feet; sait, feet.									
Approximate coal seam depths: None Is coal being mined in the area? Yes X									
COCCUS AND STIDING DECERAS									
CASING AND TUBING PROGRAM CASING OR # SPECIFICATIONS # FOOTAGE INTERVALS # OF WHITE HOLD # 100 PM									
CASING OR TUBING TYPE	Size	•	Weight				INTERVALS Left in well	OR SACKS / Dubin feet	
Conductor			·						Kinds
Fresh water	B 5/8	K-55	20#	x		2001	200 ¹	Cement to Su	rface
Coal									Sizes
Intermediate									
Priduction	41/2	J-55	10.5#	X			4000'	100 sacks	Depths set
Tuestage	·						•		
Liners									Perforations:
			·						Top Bettem
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previously paid on the same well, the fee required by Code § 22-4-12a, and 'n' if applicable, the someent required by Code § 22-4-3a from the owner of any water well or dwelling within 200 feet of the proposed well. A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith. THIS PERMIT MUST BE POSTED AT THE WELL SITE All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for									
The following waiver must be completed by the coal operator and by any coal summ or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof: WAIVER The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the more proposed to be done at this location, provided, the well operator has complied with all									
tre work propagationable re	rosed t	to be d hents o	of the a	tnis vest	locat Tingin	ion, provided ia Code and t	the well of the governing	regulations.	lied with all
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