





STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Little Hocking 7 1/2

OIL & GAS E	MINES
Rotary X	Oil
Cable	Gas X
Recycling	Comb.
Water Flood	Storage

Permit No. 47-107-0882			Water Flood Storage Disposal		
reight 190.				Disposal	(Kind)
Company E.I. DuPont de Nemours &	Co.	Casing and	Used in	Lest	Cement fill up
Address P.O.Box 1217, Parkersburg, WV		Tubing	Drilling	in Well	Cu. ft. (Sks.)
Farm E. I. DuPont Acr	es 99.86				
Location (waters) Ohio River		Size			
Well No. 6 (G-15) Electrical	v <u>599.2</u> 9	20-16		4	
District Lubeck County W	rood	Cond.	90	90	to surface 110 sx
The surface of tract is owned in fee by		2.5/8 11°3/4	30	+	
E. I. DuPont		9 5/8 8 5/8	2196	2196	to surface 550 sx
Address see above		7	2130	2230	
Mineral rights are owned by E. I. DuPont		5 1/2	4091	4091	to 3920 20 sx
Address see above		4 1/2		1	
Drilling Commenced July 18, 1979	under gelegen der gestellt der der der gelegte der der der der	3			
Orilling Completed July 28, 1979		2			
initial open flow 100 m cu. ft.	DDIS.	Liners Used			
Final production 100 m cu. ft. per day					
Well open 4 hrs. before test 16	KP.	Attach copy of c	ementing rec	ord	
Well treatment details:	-lo 34/o11		_	ord.	
Four drill collars left in h	Ole. Well	not motorous		<u> </u>	
		·			
				16	POMCE
		4	4		
Coal was encountered at None	Feet	1	Incl	es	
	- 4	Sale V	V 13	14	Feet
Producing Sand Oriskany		Deptl	$\underline{A1}$	15-17	
Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas	or Water	* Remarks
Sand & gravel	0	72	All de	pths from	1
shale	72	230			n - 611.29
Sand	230	300			
shale-sand stringers	300	690	:		•
sand	690	748			
shale	748	950			
sand	95 0	1058			•
shale	1058	1200			
sand	1200	1240			
shale	1240	1284			
sand	1284	1450			
silt, shale	1450	1800			
sand	1800	1802			
silt-shale	1802	4017			
Limestone	4017	4115			
sand	4115	4117	Total	depth	
	I	1	I		

TALASTITE SONT ATE

DEPARTMENT OPIMENESS DIVISION

DELT. OF MINES AUG 1 6 1978

Oil and Gas Division

SEERGOA

W: VA. OIL & GAS CONSERVATION COMMISSION

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,		1.00	· · · · · · · · · · · · · · · · · · ·
Charleston, W. Va. in programment	DATE_		
Surface Owner E.I. du Pont de Nemo		F I du Pont de	Nomoura & Co
Address P.O. Box 1217, Parkersbur	Inc.		
Mineral Owner Same	9.26 101 ^^	P.O. Box 1217	51.105
		Washington Wo	
None		n (waters) Ohio R	rver
Coal Owner		<u>. 6 </u>	Elevation 590
Address	District.	Lubeck	County Wood
Coal Operator None	Quadrar Quadrar	gle Little Hockin	ng (Ohio-WV)
AddressTHIS PERMIT MUST BE POSTED AT THE WELL			e sources
ET STORE EXPLORED TO T			
All provisions being in accordance with Chapter	r 22,		
of the W. Va. Code; the location is hereby appr	TNSPECTOR		
for drilling. This permit shall exc	TO BE NOT	IFIED Paul Go	odn i ght
operations have not commenced by 12-23	70		
Total of W	ADDRESS _	Smithvi	lle, W. Va.
Penty Director - Oil & Gas Division	PHONE	477-3660	
. We are director - Off & Gas Division - His San	THOME	1,7,2,44	
GENTLEMEN:		والاستعادي والمستعدد والمستعد والمستعدد والمستعد والمستعدد والمستعد والمستعدد والمستعد	A CONTRACTOR OF THE CONTRACTOR
The undersigned well operator is entitled to dril	ll upon the above nan	ned farm or tract of land	for oil and gas having
title thereto, (or as the case may be) under grant			- · · · · · · · ·
made to the superior state grant			
19, in County, Book			15 70(5
NEW WELLDRILL DEEOIL AND GAS WELL ORIGINALLY			TURE OR STIMULAT
The enclosed plat was prepared by a registered have been notified as of the above date	engineer or licensed	land surveyor and all coa	l owners and/or operate
have been notified as of the above date.			
The enclosed plat was prepared by a registered have been notified as of the above date. The above named coal owners and/or operator at to make by Section 3 of the Code, must be received.	re hereby notified tha	t any objection they wish	to make, or are requi
The above named coal owners and/or operator at to make by Section 3 of the Code, must be received. Copies of this notice and the enclosed plat were	re hereby notified that d by, or filed with the mailed by registered	t any objection they wish e Department of Mines w mail, or delivered to the a	to make, or are require thin ten (10) days. *
The above named coal owners and/or operator at to make by Section 3 of the Code, must be received. Copies of this notice and the enclosed plat were or coal owners at their above shown respective add	re hereby notified that d by, or filed with the mailed by registered these	t any objection they wish e Department of Mines w mail, or delivered to the a	to make, or are requirement to make, or are requirement to make, or are to make to make, or are requirement to make to
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The above named coal owners and/or operator at to make by Section 3 of the Code, must be received. Copies of this notice and the enclosed plat were or coal owners at their above shown respective add same day with the mailing or delivery of this copy. PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: OIL & GAS CONSERVATION COMMISSION ASHINGTON STREET, EAST STON, WEST VIRGINIA 25311 *SECTION 3 If no objections are filed or four notice and plat by the department of mines, to said propose the filing of such plat, that no objections have been made by and the well operator authorized to proceed. BLANCE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	re hereby notified that d by, or filed with the mailed by registered address to the Department of Very truly (Sign Name Address of Well Operator Mell Operator Address of Well Operator The coal operators or for the coal oper	mail, or delivered to the all day Mines at Charleston, Wes yours, Well Operator P. O. Box 1217 Street Parkersburg, City or Town West Virginia State mines, within said period of nt shall forthwith issue to the und thereto by the department	to make, or are require ithin ten (10) days. * bove named coal operate before, or on to the Virginia. TRalph E. Sieb 26101 ten days from the receipt well operator a permit recit and that the same is approximately approxima

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

PROPOSED WORK ORDER T	ro Drill	DRILL DEEPEN FRACTURE-STIMULATE			
	ILLING CONTRACTOR: (If Known) RESPO		RESPONSIBLE AGENT: NAME Ralph E. Sieber		
NAME Unknow					
ADDRESS					
TELEPHONE					
ESTIMATED DEPTH OF COM	PLETED WELL: 4500	ROTARY X	CABLE TOOLS		
PROPOSED GEOLOGICAL FO	RMATION: Oriskany				
		COMB. STORAGE	DISPOSAL		
			ODOTHER		
TENTATIVE CASING PROGRA	AM: USED FOR	LEFT IN	CEMENT 1 H I, UP		
SIZE	DRILLING	WELL	OR SACKS - CUBIC FT.		
20 - 16					
13 - 10 9 - 5/8	150 '	1501	100 Sx		
8 - 5/8					
7	2100'	2000!	500 Sx		
5 ½	4500'	4100'	300' Fill Up		
4 ½			300 1111 0p		
3			Perf. Top		
2			Perf. Bottom		
Liners			Perf. Top		
			Perf. Bottom		
SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT OFRACTURE - STIMULATE: OIL AND/OR GAS WELL (BOND, PERMANENT PLA' OIL AND/OR GAS WELL (ING ORIGINAL PERMIT N	OF OG 1, SHOWING ORIGITO 1929, A PERMANENT COTED. ORIGINALLY DRILLED BEFORT AND ORIGINAL WELL RECORDINALLY DRILLED ON AN UMBER, AND PERFORMANCE ed within ninety (90) days of company of the control of	INAL PERMI: NUMBER AND OPY OF THE PLAT AND TH RE JUNE 5, 1929, FIVE (5) CO CORD. ND/OR AFTER JUNE 5, 1929, BOND.	PERFORMANCE BOND. ON E ORIGINAL WELL RECORD PIES OG - 1, PERFORMANCE FIVE COPIES OG - 1, SHOW-		
(=+, nears in advance.					
			1 12 (14) () () () () () () () () () (
	be completed by the coal ope		and the second of the second o		
	ned and place on our mine ma	aps this proposed well location	1.		
We theproviding operator has Code.	complied with all rules and regu	nave no objections to said well alations in Articles 4, 5, and 7, 0	being drilled at this location, Chapter 22 of the West Virginia		
	ere e	For	Coal Company		
		0	fficial Title		





STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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 the Department of mines, within said period of ten days from the receipt the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approand the well operator authorized to proceed. Very truly yours, Well Operator P.O. Box 1217 Parkersburg City or Town West Virginia 26101 State *SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approand the well operator authorized to proceed. PO. Box 1217 Parkersburg City or Town West Virginia 26101 State			
Surface Owner, E.T. du Pont de Nemours & Co., Inc. Company E.T. du Pont de Nemours & Co., Inc. Company E.T. du Pont de Nemours & Co., Inc. Company E.T. du Pont de Nemours & Co., Inc. Company E.T. du Pont de Nemours & Co., Inc. Company E.T. du Pont de Nemours & Co., Inc. Company E.T. du Pont de Nemours & Co., Inc. Company E.T. du Pont de Nemours & Co., Inc. Address P.O. Box 1217, Parkersburg, WV 261 Location (waters) Ohio River Well No. 6 Blevation 592. District Lubeck County Mood Quadrangle Little Hocking (Ohio WV) Address Hills PERMIT MUST BE POSTED AT THE WELL SITE All provisions being in accordance with Chepter 22, of the W. Va. Code, the location is hereby opproved for drilling This permit sholl expire fito BE NOTIFIED Switchville, WV 26178 Decrity Director Oil & Gos Division PHONE GENTLEMEN: The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated Movember 12, 1945 by Orville A. 1945, in Rood County, Book 274 page 146 X NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operatowable been notified as of the above date. The above named coal owners shafter operator are hereby uotified that any objection they wish to make, or are requited on make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days ** Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator coal owners at their above shown respective address of the shove hown respect	TO THE DEPARTMENT OF MINES.		
Address P.O. Box 1217 Parkersburg WV 26101 Mineral Owner Same Parm Washington Works Acres 51.65. Address Location (waters) Ohio River Coal Owner None Well No. 6 Bieration 592. Address District Induces County Wood Quadrangte Little Hocking (Ohio - WV) Address 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 in the W. Va. Code, the location is hereby approved in the North Control of Country of the W. Va. Code, the location is hereby approved in the North Control of Country of the W. Va. Code, the location is hereby approved in the North Control of Country of the W. Va. Code, the location is hereby approved. ADDRESS Ph. 477-3880 Decuty Director Oil & Gas Division PHONE GENTLEMEN: The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated November 12, 1945 by Ocville A. W. Va. E. W. W. L. Country, Book 274 Page 148 X NEW WELL DRILL DEFFER REDRILL FRACTURE OR STIMULAT OIL AND GAS WELL ORIGINALLY DRILLED BEFORE TUNE 5, 1969. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators when notified as of the above date. The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by or flied with the Department of Mines within ten (10) days.* Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator was drivery of this copy to the Department of Mines within ten (10) days.* Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator and day of the department of Mines at Charleston, West Virginia. Very truly yours, West Virginia 26101 Sinces Parkersburg Out of Town West Virginia 26101 Sinces	Charleston, W. Va.	DATE April 1	0, 1979
Address P.O. Box 1217 Parkersburg WV 26101 Mineral Owner Same Parm Mashington Works Acres 51.65 Location (waters) Ohio River Coal Owner None Well No. 6 Elevation 592. Address District Lubeck County Wood Quadranga Little Hocking (Ohio - WV) Address District Lubeck County Wood Quadranga Little Hocking (Ohio - WV) Address THIS PERMIT MUST BE POSTED AT THE WELL STIE All provisions being in accordance with Chester 22, of the W. Va. Code, the location is thereby captroved in TINSPECTOR In Parkersburg WY 26178 Address THIS PERMIT MUST BE POSTED AT THE WELL STIE All provisions being in accordance with Chester 22, of the W. Va. Code, the location is thereby captroved in TINSPECTOR In Parkersburg WY 26178 Address THIS PERMIT MUST BE POSTED AT THE WELL STIE All provisions being in accordance with Chester 22, of the W. Va. Code, the location is thereby captroved in TINSPECTOR In Parkersburg WY 26178 Address THIS PERMIT MUST BE POSTED AT THE WELL STIE All provisions being in accordance with Chester 22, of the W. Va. Code, the location is thereby captroved in TINSPECTOR IN PART AND GROWN WY 26178 ADDRESS Ph: 477-3860 Denvily Director - Coll & Gas Division PHONE GENTLEMEN: The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated Movember 12, 1945 by Orville A. Very Lee & Wife made to T. 1, due Pont de Nemours & C. Gand recorded on the 12th day of Novet 1945, in Wood X Novet 1945, in Wood	Surface Owner E.I. du Pont de Nemours & Co., In	Company E.I. du	Pont de Nemours & Co., Inc
Address None None Well No. 6 Elevation 599. Coal Operator. None Quadrangle Little Hocking (Ohio - WV) Address. IHS PERMIT MUST BE POSIED AT THE WELL SITE All provisions being in accordance wish Chosler 22, of the W. Va. Code, the location is hereby approved in SPECTOR for drilling. This permit shall expire \$70 BE NOTIFIED. Smithville, WV 28178 Operations being in accordance wish Chosler 22, of the W. Va. Code, the location is hereby approved in SPECTOR for drilling. This permit shall expire \$70 BE NOTIFIED. Smithville, WV 28178 Operations being in accordance wish Chosler 22, of the W. Va. Code, the location is hereby approved in SPECTOR. Smithville, WV 28178 Operations being in accordance wish Chosler 22, of the W. Va. Code, the location is hereby approved in SPECTOR. Smithville, WV 28178 Operations being in accordance wish Chosler 24. DBE NOTIFIED. Smithville, WV 28178 ADDRESS Ph: 477-3880 Fh: 477-3880 Fh: 477-3880 GENTLEMEN: The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lesse dated. November 12, 1945 by Orville 7. 1945. WV 28178 GENTLEMEN: The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lesse dated. November 12, 1945 by Orville 7. 1945. WV 28178 ADDRESS Ph: 477-3880 Fh: 477-3880 GENTLEMEN: The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lesse dated. November 12, 1945 by Orville 7. 1945 by			
Coal Owner None Address. Coal Operator. None Address. 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. In this permit that the well expire it for BE NOTIFIED Operator. Operator. Address. 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. In this permit that expire it for BE NOTIFIED Operator operations are not operator in the second operator. Operator of a Gas Division PHONE GENTLEMEN: The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated November 12, 1945 by Orville A. Vale & Mife made to F. I. du Pont de Nomours 8. Cand recorded on the 12th day of Nover 1945, in Mood County, Book 274 Page 148 X NEW WELL DRILL DEFFER REDRILL FRACTURE OR STIMULAT OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969. The above anned coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. * Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. * Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal owners and/or operator are hereby notified that any objection they weak to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. * Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to t	Mineral Owner Same	Farm Washingt	on Works Acres 51.65
Address Coal Operator None None Address 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 appratued for drilling. This permit shall expire 170 BE NOTIFIED. Mr. Paul Goodnight Smithville, W 26178 Mr. Paul Goodnight Smithville, W 26178 ADDRESS Ph. 477-3680 Decuty Director - Oil & Gas Division PHONE GENTLEMEN: The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having ittle thereto, (or as the case may be) under grant or lease dated November 12, 1945 by Orville A. Ale 6 Wife made to F. II. du Pont de Nemours & Cand recorded on the 12th day of Nover 1945, in Mood X New Well Drill DEEPER REDRILL FRACTURE OR STIMULAT OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal owners at their above shown respective address of which the solicy of the code, must be received by or filed with the Department of Mines within ten (10) days. Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator coal owners at their above shown respective address of Well Operator Ralph E. Sieber Street PLEASE SUBMIT COPIES OF ALL SECONTINIA GEOLOGICAL AND Colonomic SURVEY of this copy to the Department of Mines at Charleston, West Virginia. Very truly yours, Very truly yours, Very truly yours, Occasional part by the department of mines, to said proposed location, the department of bull forthwith issue to the well operator a permit recibe the filing of such pait, that no objections have been made by the	Address		
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Coal Operator. None Address. THIS PERMIT MUST BE POSIED AT THE WELL SITE All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved. INSPECTOR INSPECTOR INSPECTOR INSPECTOR INSPECTOR INSPECTOR INSPECTOR INSPECTOR Advitting. W. 28178 Ph.: 477-3860 CENTLEMEN: The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated November 12, 1945 by Orville A. Ple S Wife made to 2, 1, du Pont de Nemoures & Cand recorded on the 12th day of Nover 1945, in Wood County, Book 274 Page 148 X NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT OIL AND GAS WELL ORIGINALLY DRILLED EFFORE JUNE 5, 1969. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator have been notified as of the above date. The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required or make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. The above named coal owners at their above above respective address day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. Very truly yours, Street Parkersburg None of Well Operator and that by the department of mines, to said proposed location, the department and in Charleston, West Virginia. Very truly yours, West Virginia. 26101 State *SECTION 3 If no objections have been made by the coal operators or found thereto by the department and that the same is approached the well operator authorized to proceed. Parkersburg Permit NUMBI			
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NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operate have been notified as of the above date. The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are requited by section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. * Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator are day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. Very truly yours, Well Operator Ralph E. Sieber Well Operator Well Operator AC-304 - 292-6331 Very truly yours, West Virginia 26101 State *SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit recibe filting of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approach to the well operator authorized to proceed. 47-107-0882 PERMIT NUMBI	yle & Wife made to E.I. du Pont de Nemour	rated	19-by 51 VIII 11.
NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operate have been notified as of the above date. The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. * Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator coal owners at their above shown respective address day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. Very truly yours, West Virginia CEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 MCGANTOWN, WEST VIRGINIA 26505 ACC-304 - 292-6331 *Street P.O. Box 1217 Parkersburg City or Town West Virginia 26101 State *SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt rotice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit recibe filling of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is appropriated the well operator authorized to proceed. PERMIT NUMBING. 47-107-0882 PERMIT NUMBING.			the day of November
The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operate have been notified as of the above date. The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are requited to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. * Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator coal owners at their above shown respective address and any with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 WINGORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331 *Street Parkersburg City or Town West Virginia 26101 State *SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit recipt filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approximated the well operator authorized to proceed. 47-107-0882 PERMIT NUMBERS AND AND STATE TO THE PROPERTY AND			
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I have read and understand the reclamation requirements as set faith in	I have read and understand the reclamation requirements as set f	arth in	FERMII NUMBER

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

PROPOSED WORK ORDER	rox drill	DEEPEN	FRACTURE-STIMULATE		
DRILLING CONTRACTOR:	(If Known)		RESPONSIBLE AGENT: NAME Ralph E. Sieber		
NAME Carl E. Smith,	Inc.	NAME Ralph			
ADDRESS Sandyville, W	7	ADDRESS P.O. B	ox 1217, Parkersburg, WV 263		
TELEPHONE (304) 273-9		TELEPHONE(304) 863–2000		
ESTIMATED DEPTH OF COM	IPLETED WELL: 4200	ROTARY X	_ CABLE TOOLS		
PROPOSED GEOLOGICAL FO					
TYPE OF WELL: OI	L GASX	COMB STORAG	GE DISPOSAL		
•	RECYC	CLINGWATER F	LOODOTHER		
TENTATIVE CASING PROGR					
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.		
20 - 16					
13 - 10	150'	150'	100 Sx		
9 - 5/8					
8 - 5/8 7	2200'	2200'	500 Sx		
5 ½	4200'	42001	2001 7:11		
4 ½	4200	4200'	300' Fill Up		
3			Perf. Top		
2			Perf. Bottom		
Liners			Perf. Top		
			Perf. Bottom		
OF PLAT. TO DRILL DEEPER OR REDF SUBMIT FIVE (5) COPIE WELLS DRILLED PRIOF MUST ALSO BE SUBMIT TO FRACTURE - STIMULATE OIL AND/OR GAS WELL BOND, PERMANENT PLA OIL AND/OR GAS WELL ING ORIGINAL PERMIT I	CHE AREA? NO ES OF OG - 1, \$100.00 PER RILL: S OF OG - 1, SHOWING OR: TO 1929, A PERMANENT TED. : ORIGINALLY DRILLED BEI AT AND ORIGINAL WELL R ORIGINALLY DRILLED ON NUMBER, AND PERFORMANG	BY WHOM?BY WHOM?	BOND AND PERMANENT COPY AND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD O) COPIES OG - 1, PERFORMANCE 929, FIVE COPIES OG - 1, SHOW- e. Inspector to be notified twenty-		
			•		
thereof.			e issued within ten days of receipt		
			er or Operator of the coal under		
this lease have exam	nined and place on our mine	maps this proposed well loc	ation.		
			well being drilled at this location, d 7, Chapter 22 of the West Virginia		
		***************************************	For Coal Company		

Official Title