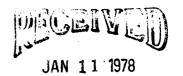


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New Location⊠	and regulations of th	e oil and gas section	of the mining	laws of We	et Virginia.
Drill Deeper			w Harre		
Abandonment	Map No.	Squares:	N S	E W	7
U.S. ENERGY RESEARCH Company DEVELOPMENT ADMINIST	_	STATE	OF WEST	VIRGINIA	
Address P.O. Box BBO, MORGANTON		DEPA	RTMENT OF	MINES	
	N, W.VA. 26505		ND GAS DI HARLESTO		
Farm WALTER 8 SMITH				/1	
TractAcresLeas	_ `	WELL L	OCATI	ON M	AP
Well (Farm) No. <u>PI-1</u> Seria					~ .
Elevation (Spirit Level)	C MANNINGTON	FILE NO	WET-6	~ ~ ~	į
I () J		PILE NO	VALIC	525	
Quadrangle <u>GLOVER GAP</u>	W.VA. (7.5')	FILE NO			
Quadrangle <u>GLOVER GAP</u> County <u>WETZEL</u> District	W.VA. (7.5')	+ Denotes loca	tion of well	on United S	States
	W.VA. (7.5')	+ Denotes loca Topographic Ma	tion of well	on United S	titude
County WETZEL District	W.VA. (7.5') GRANT	+ Denotes loca	tion of well ps, scale 1 to lines being	on United S	titude
County <u>WETZEL</u> District Surveyor <u>John W. Hornz</u> Surveyor's Registration No. <u>W.VA</u> File No Drawing I	W.VA. (7.5') GRANT 1.#725U	+ Denotes loca Topographic Ms and longitude	tion of well aps, scale 1 to lines being shown.	on United S 2,500, la represente	titude d by
County <u>WETZEL</u> District Surveyor <u>John W. Horne</u> Surveyor's Registration No. <u>W.VA</u>	W.VA. (7.5') GRANT 1. # 72 5U No.	+ Denotes loca Topographic Ms and longitude border lines as	tion of well aps, scale 1 to lines being shown. inch spaces of	on United S 2.500, la represente on border li	titude d by
County <u>WETZEL</u> District Surveyor <u>John W. Horna</u> Surveyor's Registration No. <u>W.VA</u> File No. <u>Drawing I</u> Date <u>JAN. 10, 1977</u> Scale <u>L</u>	W.VA. (7.5') GRANT 1. # 72 5U No.	+ Denotes loca Topographic Ma and longitude border lines as a — Denotes one original tracing.	tion of well aps, scale 1 to lines being shown.	on United S 2.500, la represente on border li	titude d by

Quadrangle Glover Gap (7.5')

Permit No. WET-625





OIL & GAS DIKKHAN

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

T. OF NOTES

Cable Tools

OIL AND GAS WELLS DIVISION

Storage

WELL RECORD 48 Coa1 Oil or Gas Well Research U.S. Dept. of Energy, Morgantown Energy Company Research Center Used in Drilling Casing and Tubing Left in Well Address P.O. Box 880, Morgantown, WV 26505 Packers Farm Walter B. Smith Location (waters) Headwaters of Pickenpaw Run Size 16..... Well No. Smith-ERDA-PI-1 Kind of Packer Elev. 1049.26 13.... District Grant County Wetzel 10. -3/4" 191.81' 191.81' The surface of tract is owned in fee by Walter B. Smith 81/4.... Address Smithfield, WV 26437 26#4x 7" 902.5' 902.51 Depth set Mineral rights are owned by Mr. & Mrs. Rex Smith Address Smithfield, WV 26437 Drilling commenced September 25, 1977 Drilling completed October 2, 1977 Perf. top. Date Shot..... From..... To...... Perf. bottom____ Liners Used.... Perf. bottom /10ths Water in......Inch Attach copy of cementing record. 10-3/4 191.81 ______/10ths Merc. in ______Inch CASING CEMENTED SIZE

Amount of cement used (642) 10-3/4" - 25 - 901' **-10-**03-Volume Cu. Ft. 120 sacks; Rock Pressure lbs. Name of Service Co. Halliburton 250 sacks _____bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT FEET WELL ACIDIZED (DETAILS)_____ FEET INCHES FEET INCE FEET INCHES FEET INCH WELL FRACTURED (DETAILS)

RESULT AFTER TREATMENT (Initial open Flow or bbls.).....

ROCK PRESSURE AFTER TREATMENT HOURS

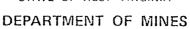
	Producing Sand Pittsburgh Coal Seam						74 - 7 - 9 - 9 - 9 - 1
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth	
Unconsolidated Sediments			0	10		Берш	Remarks
Siltstone & Shale			10	65		•	
Silty Sandstone			65	70			
Siltstone & Shale			70	105			
Silty Sandstone			105	109			
Siltstone & Shale			109	147			
Silty Sandstone			147	154			
Siltstone & Shale			154	200			
Siltstone, Calcareous			200	212			
Siltstone			212	218			
							JAN 23 1978

Formation Color	Hard or Soft	Top Feet 4%	Bottom Feet	Oil, Gas or Water * Remarks
Shale		218	224	
Siltstones & Shales	•	224	250	
Shales & Limestones	. '	250	360	
Silty Sand- stone		360	366	
Shale	·	366	395	
Washington Coal		395	399	
Calcareous Shales & Siltstones		399	472	
Waynesburg "A" Coal		472	474	
Shales, Calcareous		474	513	
Waynesburg Sandstone Waynesburg Coal Shales & Limestones		513 525 528	525 528 793	
Sewickley Coal		793	796	
Shales & Limestones		796	901	
Pittsburgh Coal		901	908	
Shale		908	926	
v.				
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Date		January 4				19_	78
PPROVED U.	s.	Department	of	Energ	137		

Ву_______ G. E. Rennick, Petroleum Engineer







OIL & GAS DIVISION DEFT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE July 26, 1977
Surface Owner Mr. Walter B. Smith	U.S. Energy Research & Company Development Administration
Address Smithfield, WV 26437	Address P.O. Box 880, Morgantown, WV
Mineral Owner Mr. & Mrs. Rex Smith	Farm Walter B. Smith Acres 15
AddressSmithfield, WV 26437	Location (waters) Pickenpaw Run
Coal Owner Consolidation Coal Company	Well No Smith-ERDA-PI-1 Elevation 1049.
P.O. Box 1632, Fairmont, WV 2655	4 District Grant County Wetze
Coal 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	
for <u>drilling</u> . This permit shall expire if	
operations have not commenced by 12-4-77	
THE COURT	OR TO BE NOTIFIED Phil Tracy
your new	Waddlahaaan W W
Deputy Director - Oil & Gas Division PH: 758	-45/3 ADDRESS Middlebourn, W. Va.
GENTLEMEN:	
The undersigned well operator is entitled to drill upon the	above named farm or tract of land for xxxxxxxxxxx having for
The undersigned well operator is entitled to drill upon the cooperative title thereto, (or as the case may be) under with the tinental Oil Conade to The U.S. of America	agreement 4 June 1974 by Consolidat Consolidat and recorded on the Fourth day of March
The undersigned well operator is entitled to drill upon the cooperative title thereto, (or as the case may be) under which will upon the title thereto, (or as the case may be) under which will be to the tinental Oil Conade to The U.S. of America 19 77, in Wetzel County, Book #45	above named farm or tract of land for XXXXXXXX, having for agreement 14 June 1974 by Consolidat Co and recorded on the Fourth day of March Page 173
The undersigned well operator is entitled to drill upon the cooperative title thereto, (or as the case may be) under *** ********************************	above named farm or tract of land for XXXXXXXX, having for agreement 14 June 1974 by Consolidated and recorded on the Fourth day of March neous 173 REDRILL FRACTURE OR STIMULATE
The undersigned well operator is entitled to drill upon the cooperative title thereto, (or as the case may be) under which will upon the title thereto, (or as the case may be) under which will be to the tinental Oil Conade to The U.S. of America 19 77, in Wetzel County, Book #45	above named farm or tract of land for XXXXXXXX, having for agreement 14 June 1974 by Consolidat to Co and recorded on the Fourth day of March neous 173 REDRILL FRACTURE OR STIMULATE
The undersigned well operator is entitled to drill upon the cooperative title thereto, (or as the case may be) under which was datinental Oil Conde to The U.S. of America 19 77 in Wetzel County, Book Miscella XXX NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED The enclosed plat was prepared by a registered engineer or	above named farm or tract of land for xxxxxxxxx, having for agreement 14 June 1974 by Consolidated and recorded on the Fourth day of March neous 173 REDRILL FRACTURE OR STIMULATE BEFORE JUNE 5, 1969.
The undersigned well operator is entitled to drill upon the cooperative title thereto, (or as the case may be) under with the date to the U.S. of America 19 77 in Wetzel County, Book Miscella XXX NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED	above named farm or tract of land for XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
The undersigned well operator is entitled to drill upon the cooperative title thereto, (or as the case may be) under want of the tinental Oil Control The U.S. of America 19 77 in Wetzel County, Book Miscella XXX NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED The enclosed plat was prepared by a registered engineer or have been notified as of the above date. The above named coal owners and/or operator are hereby not to the state of the case of the	above named farm or tract of land for XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
The undersigned well operator is entitled to drill upon the cooperative title thereto, (or as the case may be) under with the title thereto, (or as the case may be) under with the title thereto, (or as the case may be) under with the title thereto, (or as the case may be) under with the title thereto, (or as the case may be) under with the title to the cooperative date. The U.S. of America Miscella County, Book Miscella County, Book Miscella With the mailed to The U.S. of America Miscella County, Book Miscella With the mailed to The U.S. of America Miscella Miscella Miscella County, Book Miscella The Epper Miscella U.S. DIRECTIVE TO:	above named farm or tract of land for XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
The undersigned well operator is entitled to drill upon the cooperative title thereto, (or as the case may be) under want of the title thereto, (or as the case may be) under want of the title thereto, (or as the case may be) under want of the title thereto, (or as the case may be) under want of the title thereto, (or as the case may be) under want of the title to the title to the title thereto. The U.S. of America Miscella County, Book	above named farm or tract of land for XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
The undersigned well operator is entitled to drill upon the cooperative title thereto, (or as the case may be) under want of the cooperative date tinental Oil Contade to The U.S. of America 19 77 in Wetzel County, Book Miscella XXX NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED The enclosed plat was prepared by a registered engineer or have been notified as of the above date. The above named coal owners and/or operator are hereby not on make by Section 3 of the Code, must be received by, or file Copies of this notice and the enclosed plat were mailed by ror coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the Department of the Copies of the Copies of all Copies of the Copies of the Copies of the Copies of the Copies and the enclosed plat were mailed by ror coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the Department of the Copies of the Code, must be received by or coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the Department of the Copies of the	above named farm or tract of land for XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
The undersigned well operator is entitled to drill upon the cooperative title thereto, (or as the case may be) under the cooperative datinental Oil Conde to The U.S. of America 19.77, in Wetzel County, Book Miscella County, Book #45 XXX NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED The enclosed plat was prepared by a registered engineer or have been notified as of the above date. The above named coal owners and/or operator are hereby not omake by Section 3 of the Code, must be received by, or file Copies of this notice and the enclosed plat were mailed by ror coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of the Code of this copy to the Department of the Code	above named farm or tract of land for XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
The undersigned well operator is entitled to drill upon the cooperative title thereto, (or as the case may be) under was the case datinental Oil Conduct of The U.S. of America 19.77 in Wetzel County, Book Miscella County, Book 445 XXX NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED The enclosed plat was prepared by a registered engineer or have been notified as of the above date. The above named coal owners and/or operator are hereby not of make by Section 3 of the Code, must be received by, or file Copies of this notice and the enclosed plat were mailed by ror coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the Department of the Copies	above named farm or tract of land for XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
The undersigned well operator is entitled to drill upon the cooperative title thereto, (or as the case may be) under the cooperative datinental Oil Conde to The U.S. of America 19.77, in Wetzel County, Book Miscella County, Book #45 XXX NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED The enclosed plat was prepared by a registered engineer or have been notified as of the above date. The above named coal owners and/or operator are hereby not omake by Section 3 of the Code, must be received by, or file Copies of this notice and the enclosed plat were mailed by ror coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of this copy to the Department of the Code of the Code of this copy to the Department of the Code	above named farm or tract of land for XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

*SECTION 3.... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting 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 approved and the well operator authorized to proceed.

WET-625 47-103

PERMIT NUMBER

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

PROPOSED WORK ORDER TO	O XXX DRILL	DEEPEN	FRACTURE-STIMULATE
DRILLING CONTRACTOR: (I	f Known)	RESPONSIBLE A	GENT:
Paramount Exp P.O. Box 551 ADDRESS Waynesburg.	loration, Inc.	NAME L. D	. Strickland
ADDRESS Waynesburg,	PA. 15370	ADDRESS MOTO	antown, WV 26505
TELEPHONE 412/627-61	44	TELEPHONE 5	99-7494
ESTIMATED DEPTH OF COMP	PLETED WELL: 915 ft.	ROTARY X	CABLE TOOLS
PROPOSED GEOLOGICAL FOR	MATION: Pittsburgh	coal	CABLE TOOLS
			DRAGE DISPOSAL
	ICDO I CDI	WATE	R FLOOD OTHER*
TENTATIVE CASING PROGRA	M:	*Undergro Resear	und Coal Gasification ch
CASING AND TUBING	USED FOR	LEFT IN	CEMENT FILL UP
SIZE	DRILLING	WELL.	OR SACKS - CUBIC FT.
20 - 16	200 ft.		•
9 - 5/8	200 16.	200 ft.	Surface to 200 ft.
8 - 5/8			
カ	900 ft.	900 ft.	Surface to 900 ft.
5 ½			
4 ½			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Pert. Bottom
IS COAL BEING MINED IN TH	JUU I.C.		TER FEET 4?
TO DRILL: SUBMIT FIVE (5) COPIES OF PLAT.	OF OG - 1, \$100.00 PERMI	T FEE, PERFORMAN	CE BOND AND PERMANENT COPY
TO DRILL BERRED OR BERRY			
TO DRILL DEEPER OR REDRII SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITTI	OF OG - 1, SHOWING ORIGI FO 1929, A PERMANENT CO	NAL PERMIT NUMBE DPY OF THE PLAT A	R AND PERFORMANCE BOND. ON AND THE ORIGINAL WELL RECORD
TO FRACTURE - STIMULATE:	•		
OIL AND/OR GAS WELL O	RIGINALLY DRILLED BEFOR AND ORIGINAL WELL REC	RE JUNE 5, 1929, FIV	E (5) COPIES OG - 1, PERFORMANCE
OIL AND/OR GAS WELL O	RIGINALLY DRILLED ON AN MBER, AND PERFORMANCE	ID/OR AFTER JUNE 5	, 1929, FIVE COPIES OG - 1, SHOW-
four (24) hours in advance.	d within ninety (90) days of c	ompletion for bond rel	ease. Inspector to be notified twenty-
The following waiver must I hereof.	pe completed by the coal oper	ator if the permit is to	be issued within ten days of receipt
VAIVER: I the undersigned, Age	nt for Consolidation	•	
- · · · · ·		Coal Company, C	wner or Operator of the coal under
	ed and place on our mine ma	ps this proposed well	location.
We theConsolid	Cour Company in	ave no objections to sa	aid well being drilled at this location,
providing operator has o	complied with all rules and regu	lations in Articles 4, 5,	and 7, Chapter 22 of the West Virginia
Code.			
		(L) 14	
		Vay M	Henderson
			For Coal Company

STATE OF WEST VIRGINIA DEPARTMENT OF MINES



OIL AND GAS WELLS DIVISION

OCT 25 1982

AFFIDAVIT OF PLUGGING AND FILLING WELL

VEST 2 2 1302

Northern West V	oal Company	U.S. D	epartment of En			
	erator on owner irginia Region Morgantown, WV 26505		NAME OF WELL OF		06505	
P.O. Box 1314. Morgantown. WV 26505		P.O. Box 880, Morgantown, WV COMPLETE ADDRESS			26505	
	·	September 29			<u> 19 82 </u>	
COAL OF	RATOR OR OWNER	Grant	WELL AND LOC	EATION	_District	
Walter B. Smith	ADDRESS	Wetzel			County	
	PROPERTY OWNER					
Smithfield, WV	26437	Well. No.	PI-1	~ =		
	ADDRESS	Walter	B. Smith			
					Farm	
STATE INSPECTOR SI	UPERVISING PLUGGING	Robert	A. Lowther		***************************************	
	AFFI	DAVIT				
STATE OF WEST V					•	
County of Wetzel	SS:					
•	ndustries, Inc.	and Contin	ental Drilling	- U.S.		
being first duly swo	rn according to law depose	and say that	they are experie	nced in the	work of	
plugging and filling o	oil and gas wells and were en	nployed by	U.S. Departme	nt of Ene	rgy	
well operator, and pa	articipated in the work of pli	ugging and in	illing the above v	vell, that s	aid work	
was commenced on t and filled in the follo	he 9 day of September owing manner:	r, I	9_82_, and that the	he well was	s plugged	
AND OR ZONE RECORD	Filling Material		PLUGE USED	4	ASING '	
PORMATION			SIZE & KING	PULLED	CEPT IN	
1' - 840'	Gravel - Clay		(21')		10 3/4" -	
0'2'	Class A Neat Cement		150 sx.		7'' - 902'	
	Note: Well casing cut	off 2				
	feet below surfa					
		li li		1		
		il .		11	_1	
COAL SEAMS			DESCRIPTIO	N OF MONUM	ENT	
			Well location	ı is refer	cenced from	
E)			Well location monument erec	ı is refer	cenced from	
COAL SEAMS E) E)			Well location	ı is refer	cenced from	
E)			Well location monument erec	ı is refer	cenced from	

Sworn to and subscribed before me this.

My commission expires:

/ET-625 |

Notary Public.

Permit No. 103-625-P