

307 JAN 15 1980

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

SEP 1 0 1980

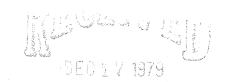
Oil and Gas Division Control of the Control of the

The second of the second		RECORD		Rotary Cable	xx Oil
Quadrangle NEW MILTON	•	•			Comb
Permit No. DOD-2553		•	•	Water Floo	od_ Storage
Constitution of the second sec	•			Disposal	
J & J Enterprises, Inc.					(Kind)
Company c/o Berry Energy Consul		· Casing and	Used in	T - F.	1
vidaress 309 Professional Bldg.	, Clarksburg,	WV Tubing	- 1	Left	Cement fill up
arm George Determan		a donis	Drilling	in Well	Cu. ft. (Sks.)
ocation (waters) Big Buck Run		Size			Service Control of the Control of th
Vell No B-3.08	Elev_1251! ·	20-16			
strict Cove County I	<u>Doddridge</u>	Cond. 11-3/4	301	301	To surface
he surface of tract is owned in fee by_C	leorge J.	13-10"			
Determan		9 5/8			
daress 604 Court St., Weston,		8 5/8	17961	17961	To surface
meral rights are owned by Same		7			
A ddress		5 1/2			
Alling Commenced 15-27-80		4 1/2	5315"	531.51	250 sks
Illing Completed 6-2-80		3			,
fial open flow Show cu. ft	bbls.	2			•
is openh cu. its per day	bbls.	Liners Used		1	
			The section of the se		
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il was encountered at 956 °			Inches		Feei
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i was encountered at 956° sh water 135° F ducing Sand Benson	Feet	reamSalt W	ater Non	e , y	Feet
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i was encountered at 956° sh water 135° F ducing Sand Benson Formation Color Hard or Soft and & Shale d Rock	Feet 3/4" str	Bottom Feet 256 956	/ater Non 5257-59 Oil, Gas or '	e v Water * 1	Remarks
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STATE OF WEST VIRGINIA





Oil and Gas Division

OIL & GAS DIVISION DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

Charleston, W. Va. Surface Owner, CCOTES J. Determan Address 604 Court St., Kenton, NV 26452 Address 604 Court St., Kenton, NV 26452 Address 604 Court St., Kenton, NV 26452 Address 308-309 Professional Bldg., Clark Mineral Owner, Same Localion (waters). Hig Block Bur Coal Owner. Same Localion (waters). Hig Block Bur Coal Owner. Same Localion (waters). Hig Block Bur Mail No. H-308 Elevation 1261: Address. Datrict. Cove County Doddri Coal Operator. Not Operated Address. ADDRESS 321 Beech St., Clarksburg, NV 25301 Doubly Deador Oll & Gos Division FHONE 622-3871 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, for at the case may be) under grant or lesse dated. June 9 1978 y. Sector 2 1 Botterman, at UX made to W. B. Berry and recorded on the 30th day of Getobe 1978 in Doddridge County, Book 105 Page 309 X. NEW WELL DRILL DEFER REDRILL FRACTURE OR STIMULAT. OIL AND GAS WELL ORIGINALY DRILLED BEFORE JUNE 5, 1989. 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 require make by Section 3 of the Ook, must be received by, or filed with the Department of Mines at Charleston, West Virginia. The above named coal owners land/or operator are hereby notified that any objection they wish to make, or are required make been notified as of the above date of the coal operator of this copy to the Department of Mines at Charleston, West Virginia. The above named coal owners land/or operator are hereby notified that any objection they wish to make, or are required coal owners and/or operator of the department of Mines at Charleston, West Virginia. The above named coal owners land/or operator	THE THE ADDADTED AND ACTION	
Service Owner. Ceorge J. Determan Address 604 Court St. Keston, NV 26452 Address 308-309 Professional Bldg., Clark Mineral Owner. Same Location (water) Big Buck Run Coal Owner. Same Location (water) Big Buck Run Datriet Cove County Doddrid Address Coal Operator. Not Oberated Address Address Same of white Not Oberated Address Coal Operator. Not Oberated Addr	TO THE DEPARTMENT OF MINES, Charleston, W. Va.	DATE December 12, 1979
Address 604 Court St. Neston WV 26452 Mineral Owner. Same Same Location (waters) Big Buck Run Coal Owner. Same Well No. B-308 District. Cove County Doddrid Coal Operator. Not Operated Quadrangle New Milton 7.5' Address	Surface Owner George J. Determan	
Mineral Owner Same Location (waters) Big Buck Run Coal Owner. Same Well No. 8-308 Database County Deddrid Address. Database Cover County Deddrid Address. Database New Milton 7.5' Address. ADDRESS 321 Booch St., Clarksburg, WV 26301 FHONE 622-3871 Departy Stacker-Clas Gor Davison FHONE 622-3871 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. June 9 1978 by George .1. Beterman, et ux made to W. B. Berry and recorded on the 30th day of Octobe Active Stackers and Stack	Address 604 Court St., Weston, WV 26452	
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Coal Owner Same Well No. B-308 Elevation 1261' Address District Cove County Deddri Coal Operator. Not Operated Address ADRESS 321 Beech St., Clarksburg, NV 26301 PHONE 622-3871 ADRESS 321 Beech St., Clarksburg, NV 26301 PHONE 622-3871 ADRESS 321 Beech St., Clarksburg, NV 26301 PHONE 622-3871 ADRESS 321 Beech St., Clarksburg, NV 26301 ADRESS 321 Beech St., Clarksburg, NV 26301 PHONE 622-3871 ADRESS 321 Beech St., Clarksburg, NV 26301 ADRESS 321 Beech St., Clarksburg, NV 26301 PHONE 622-3871 ADRESS 321 Beech St., Clarksburg, NV 26301 ADRESS 321 Beech St., Clarksburg, NV 26301 PHONE 622-3871 ADRESS 321 Beech St., Clarksburg, NV 26301 ADRESS 321 Beech St., Clarksburg, NV 26301 PHONE 622-3871 ADRESS 321 Beech St., Clarksburg, NV 26301 ADRESS 321 Beech St., Clarksburg, NV 26301 PHONE 622-3871 ADRESS 321 Beech St., Clarksburg, NV 26301 PHONE 622-3871 ADRESS 321 Beech St., Clarksburg, NV 26301 PHONE 622-3871 ADRESS 321 Beech St., Clarksburg, NV 26301 PHONE 622-3871 ADRESS 321 Beech St., Clarksburg, NV 26301 PHONE 622-3871 ADRESS 321 Beech St., Clarksburg, NV 26301 Copies of this notice and the enclored plat was prepared by registered mail, or delivered to the above amed coal owners at their above date. ADRESS SUBMIT COPIES OF ALL CEOPHYSICAL LOGS DIRECTLY TO: (Sign Name) of Berry Energy Consultants & Well Operator Address Submit of the above and plat by the department of mines, vibile said paried of to days from the recipies and plat by the department of mines, to state said paried of to days from the recipies and plat by the department of mines, to state said paried o		
Coal Operators Not Operated Quadrangle New Milton 7.5' Address S21 Reach St., Clarksburg, WV 26301 ADDRESS 321 Reach St., Clarksburg, WZ 26301 ADDRESS 32		· · · · · · · · · · · · · · · · · · ·
Coal Operator Not Operated Address TO BE NOTIFIED Paul Garrett ADDRESS 321 Beech St., Clarksburg, WV 26301 ADDRESS 321 Beech St., Clarksburg, WV 26301 Depthy Director. Oil & Gas Division 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 lesse dated		
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continue before in our relevant well. Charter 22, and it is excepted in hearby conserved drilling. The yearst shell except if the second is hearby conserved drilling. The yearst shell except if the Endow of the En		Quadrangie Now Mileon 1.0
drilling This permit shall exclude if 8-18-80 ADDRESS 321 Beech St., Clarksburg, WV 26301 Deputy Director Oll & Gas Division PHONE 622-3871 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 June 9 19.78 by George J. Determan, et ux made to W. B. Berry and recorded on the 30th day of Octobe 19.78 by Doddridge County, Book 105 Page 309 X NEW WELL DRILL DEFER REDRIL FRACTURE OR STIMULATE 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 have been notified as of the above date. The above named coal owners 2nd/or operator are hereby notified that any objection they wish to make, or are require 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 Same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. Very truly yours, J & J Enterprises, Inc. C/O Berry Energy Consultants & Well Operator WEST VIRGINIA GEOLOGICAL AND CONOMIC SURVEY Address Suret OKA 879 MORGANTOWN, WEST VIRGINIA 26505 Well Operator **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 and that the same is approve and the well operator authorized to proceed. **Address Suret** **Section 3 If no objections are flued 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 and that the same is approved and the well operat		
The process of this notice and the enclosed plat were mailed by a registered engineer or licensed land surveyor and all coal owners and/or operator to make by Section 3 of the Code, must be received by, or filed with the Department of Mines at Charleston, West Virginia. The shove named coal owners and far enclosed plat were mailed by registered mail, or delivered to the above named coal owners at their above shown respective address. Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal owners and or coal owners at their above shown respective address. PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA CEOLOGICAL AND ECONOMIC SURVEY Address Sireet ADDRESS 321 Beech St., Clarksburg, WV 26301 PHONE 622-3871 DHONE 622-3871 PHONE 622-3871 PHONE 622-3871 PHONE 622-3871 PHONE 622-3871 June 9 19.78 by George J. J		
ADDRESS 321 Beech St., Clarksburg, WV 26301 Deputy Director. Oil & Gas Division PHONE 622-3871 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	dwilling	
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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. June 9 19.78 by George J. Determan, et ux made to W. B. Berry and recorded on the 30th day of. October 19.78 in Doddridge County, Book 105 Page 309 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 operaton 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) daya.* Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator or coal owners at their above shown respective address Same 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, J & J Enterprises, Inc. C/O Berry Energy Consultants & Well Operator. WEST VIRGINIA GEOLOGICAL AND CONOMIC SURVEY Address Street Address Street ORL OPERATOR OF Town Street Clarksburg, WV 26301 City or Town EY: Manual College of the days from the receipt notice and plat by the department of mines, to said proposed location, 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 rectit 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 the well operator authorized to proceed.	The state of the s	PHONE 622-3871
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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 notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator and the well operator authorized to proceed. Very truly yours, J & J Enterprises, Inc. c/o Berry Energy Consultants & Well Operator 308-309 Professional Building Clarksburg, WV 26301 City or Town BY: *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 recitit 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.	NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DE The enclosed plat was prepared by a registered eng have been notified as of the above date. The above named coal owners and/or operator are he to make by Section 3 of the Code, must be received by Copies of this notice and the enclosed plat were mai or coal owners at their above shown respective address	REDRILL FRACTURE OR STIMULATE RILLED BEFORE JUNE 5, 1969. Inneer or licensed land surveyor and all coal owners and/or operators thereby notified that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. * Iteled by registered mail, or delivered to the above named coal operators Same day before, or on the
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WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. 0. 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 notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit recitit 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. 47-017-2553 PERMIT NUMBER	the state of the s	(Sign Name) c/o Berry Energy Consultants & Mg
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 notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciti 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. 47-017-2553 PERMIT NUMBER		Address 308-309 Professional Building Street
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	•	Nr.
"I have read and understand the reclamation requirements as set forth in	"I have read and understand the series	

Signed by ___

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

PROPOSED WORK ORDER TO X DRILL DRILLING CONTRACTOR: (If Known) NAME S. W. Jack Drilling Company		RESPONSIBLE AGENT:		
ADDRESS Indiana, PA		ADDRESS Buckhannon, WV		
TELEPHONE		TELEPHONE 472-94	03	
ESTIMATED DEPTH OF COMPI	LETED WELL: 5500'			
PROPOSED GEOLOGICAL FOR	MATION: Alexander			
TYPE OF WELL: OIL_	GAS X	COMB. STORAGE	DISPOSAL.	
	RECYCI	INGWATER FLC	OOD OTHER	
TENTATIVE CASING PROGRAM	and the second of the second		graph of the second second	
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL:	CEMENT FILL UP OR SACKS - CUBIC 1-T.	
20 - 16			And the second s	
9 - 5/8	30':	30	Subsection 1	
8 - 5/8	900'	900 7	To Surface	
7	300	300	10 Surface-	
5 ½				
4 ½	5500'	5500 1	350 Sacks	
3			Perf. Top	
2			Perf. Bottom	
Liners			Perf. Top	
			Perf. Bottom	
WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTED OFRACTURE - 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 ORIGI D 1929, A PERMANENT CO D. IGINALLY DRILLED BEFOR AND ORIGINAL WELL REC IGINALLY DRILLED ON AN IBER, AND PERFORMANCE	OPY OF THE PLAT AND THE PLAT AN	PERFORMANCE BOND. ON HE ORIGINAL WELL RECORD OPIES OG - 1, PERFORMANCE	
e de la composición de la composición La composición de la				
The following waiver must be sereof.		•		
	and place on our mine ma	ps this proposed well location	ı.	
providing operator has con	Coal Company h	lations in Articles 4 5 and 7	being drilled at this location, Chapter 22 of the West Virginia	
		For C	Coal Company	
	en e			
		O	ificial Title	