Plota Log Card CSDA LATITUDE LEWIS MAXWELL 700 9 LONGITUDE N80: 30'E 842 WILLIAM J. É uo. 539°30E BETTY L. WOLFE 208 54.50 5/7°E 158 8.262 E1. 1167 NA3°W-132' J.W. HAMMOND 500 Minimum Error of Closure ONE PART IN 200 Source of Elevation U.E. AT RO. INTERSECTION O.6 MILES NORTH-EAST OF JCTS. OF OLD RT. 50 \$ 5% ELEV. 1037" "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia." Map Sheet 60 512 W10 J. J. ENTERPRISES %
Company BERRY ENERGY CONSULTANTS & MANAGERS IN
PROFESSIONAL BLOG SUITE 309
Address CLARKSBURG, W.V. 26301 STATE OF WEST VIRGINIA DEPARTMENT OF MINES Farm WILLIAM J. & BETTY L. WOLFE OIL AND GAS DIVISION CHARLESTON Tract Acres 54.5 Lease No. Serial No. B. 262 WELL LOCATION MAP FILE NO. 47-017-2327 District WEST UNION + Denotes location of well on United States Engineer Vaniel Streeter Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border Engineer's Registration No. 530 115 lines as shown. \_Drawing No. - Denotes one inch spaces on border line of Scale / " = 500 " original tracing.

FORM 1328

New Location \_ Drill Deeper . Abandonment .

Well (Farm) No\_

Date //-22-78

Elevation (Spirit Level)\_\_\_\_

County DODDRIDGE

Quadrangle WEST UNION

- 2

C.E. KNIGHT

62.50

B. F. HETTLIN 50.25°

-x6-6 Central Station (91



## STATE OF WEST VIRGINIA DEPARTMENT OF MINES

#### Oil and Gas Division

		RECORD		-	Oil GasXX
Quadrangle_MEST_UNION				Recycling_	Comb
Permit No. DOD-2327					1 Storage
J & J Enterprises, Inc.	toons are not yet to the control of				/ 47 111/1 \
Company c/c Berry Energy Consult Address Clarksburg, W. Va.		Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Farm_William_I_WolfeA		auntermittenten etat statistationen annen annen merentetat etat tentat.		<u> </u>	, ,
Location (waters)		Size			
Well NoBest-side accommon section and section section and section sect		20-16	***************************************		
District Rasta Union County Dos	-	- <u>Cand</u> 772	1 30	30	To surface
The surface of tract is owned in fee by Mi		13-10"			
Molabety and half and a second a		9 5/8 8 5/8	4000	dore	m
Address 10434 Grantie Terrace, Oakton, VA		0 310 ************************************	<u>  825*                                   </u>	8251	To surface
Mineral rights are owned bySame		A Company of the second			•
		5 1/2		1 5117 8	100 alan
Drilling Commenced 3-6-79		Fig. 18 f des main autorise au construcción de la companiente construcción de construcción de la construcción de construcción de 19	<u>  542°                                     </u>	15442	190 sks
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Final production 1,620 Mcu. ft. per day		LHICIS USCA			
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. An Control of Control of the Contr	.4 days	Attach copy of			
	OOM sand.	<u>500 gal 15% aci</u>	<u>d and 834</u>	bbl water	guagga usa anajada dan ustan a den sitensi
Perforations: 5295-5363	with 21 ho	les			Control ( summary and an artist of the state
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Alexander Sand & Shale		54,00 54,97	Gas	5295-5363	\ \
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	c/o Berry Energy Consultant 308-309 Professional Buildi				vonsultants, inc
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-79



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES.

### Oil and Gas Division

#### oil and gas well permit application



TO THE DEPARTMENT OF MINES,  Charleston, W. Va.	DATE December 20, 1978		
and the second of the second o			
Surface Owner William J. Wofe, et ux  Address 10434 Red Granite Terrace, Oakton, VA			
Address 10434 Red Grantte Terrace, Carton, VA  Mineral Owner W. J. Wolfe, Oakton, VA			
Address Anna B. Barker, et al, West Union, WV	Farm Wi Wolfe : Acres 54.5		
Coal Owner Same as Mineral Owners			
	Well No. B-262 Elevation 1167'  No. B-262 Elevation 107'		
Address Coal Operator Not Operated	District West Union County Doddridg		
	Quadrangle West Union		
Address			
HIS PERMIT MUST BE POSTED AT THE WELL SITE			
Il provisions being in accordance with Chapter 22,			
f the W. Va. Code the location is hereby approved I	NSPECTOR		
or the period of the control of the	O BE NOTIFIED Paul Garrett		
perations have not commenced by 4-29-79	DDRESS 321 Beech St., Clarksburg, WV		
Deputy Director - Oil & Gas Division	HONE 622-3871		
GENTLEMEN:			
	e above named farm or tract of land for oil and gas, having fe		
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease of	e above named farm or tract of land for oil and gas, having fer lated November 17 19 78 by B.		
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease of	lated November 17 19 78 by B.		
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease of	·		
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease of Wolfe made to Justin L. Henderson 19, in	n and recorded on the day of Page 761		
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease of Wolfe made to Justin L. Henderson 19, inDoddridge County, Book	November 17		
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease of wolfe made to Justin L. Henderson 19, in Doddridge County, Book 105  X NEW WELL DRILL DEEPER  OIL AND GAS WELL ORIGINALLY DRILLER	n and recorded on the day of		
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease of wolfe made to Justin L. Henderson 19, in Doddridge County, Book 105  X NEW WELL DRILL DEEPER  OIL AND GAS WELL ORIGINALLY DRILLER	November 17		
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The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease of wolfe	and recorded on the		
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease of Wolfe made to Justin L. Henderson 19 in Doddridge County, Book 105 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLER The enclosed plat was prepared by a registered engineer of have been notified as of the above date.  The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or for Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective addressXX same day with the mailing or delivery of this copy to the Depth PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  WEST VIRGINIA GEOLOGICAL AND Address Of Of Of Of Of Of Of Of	and recorded on the		
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The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease of Wolfe made to Justin L. Henderson 19, in	and recorded on the		

\*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.

BLASKET ROAD

German,

47-017-2327

\_PERMIT NUMBER

# ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO	X DRILL	DEEPEN	FRACTURE-STIMULATE				
DRILLING CONTRACTOR: (II	Known)	RESPONSIBLE AGENT:					
NAMES. W. Jack D	rilling Co.	NAMEJim Willett					
ADDRESS Indiana, PA	15701	ADDRESS Buckhar	ADDRESS Buckhannon, WV 26201				
TELEPHONE412_349_6800		TELEPHONE 472-216	1				
ESTIMATED DEPTH OF COMPI							
PROPOSED GEOLOGICAL FOR		ACCAPALL Description	CABLE TOOLS				
		7.60 0.000					
TYPE OF WELL: OIL_							
	. RECYCL	NG WATER FLO	OOD OTHER				
TENTATIVE CASING PROGRAM	<b>4:</b>						
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.				
20 - 16							
13 - 10 11 3/4	30 -	30	To Surface				
9 - 5/8			9				
8 - 5/8	1950	1950	To Surface				
7							
5 1/2							
4 1/2	5550	5550	To 1300 cu. ft.				
2			Perf. Top				
Liners			Perf. Bottom				
	en egentraginatura egentre errometer a salpar errologia en <del>gentralin en inna en en en barran en en en e</del> n en eg		Perf. Top Perf. Bottom				
4 DDD A STEE & A DD DOTT STA A DDD			·				
APPROXIMATE FRESH WATER	DEPTHS <u>Hinknown</u> FEET	SALT WATER	FEET				
APPROXIMATE COAL DEPTHS	Unknown	-					
IS COAL BEING MINED IN TH	E AREA?	BY WHOM?	manufacture de la company				
OF PLAT. TO DRILL DEEPER OR REDRIL SUBMIT FIVE (5) COPIES	L: 13 OF OG 1, SHOWING ORIGING OF OG 1929, A PERMANENT OF ORIGINAL	INAL PERMIT NUMBER AN	OND AND PERMANENT COPY  ID PERFORMANCE BOND. ON  THE ORIGINAL WELL RECORD				
TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLAT	RIGINALLY DRILLED BEFO AND ORIGINAL WELL REC	RE JUNE 5, 1929, FIVE (6)	COPIES OCI - I PERFORMANCE				
OLLIAND/OR GAS WELL OF ING ORIGINAL PERMIT NU	RIGINALLY DRILLED ON A MBER, AND PERFORMANCE	nd/or after june 5, 192 Bond.	9, FIVE COPIES OG - 1, SHOW-				
Required forms must be filed four (24) hours in advance,	d within ninety (90) days of (	completion for bond release.	Inspector to be notified twenty-				
2	** ***********************************	•	$\mathbf{r} = \mathbf{r} \cdot $				
		The second secon	BENEFIT ALL SE SO LE SE E SE E SE L'ANDIE SE SE SE				
	11		The state of the s				
	1						
The following waiver must be thereof.	completed by the coal ope	erator if the permit is to be	issued within ton days of receipt				
WAIVER: I the undersigned, Age	nt for	Coal Company, Owner	or Operator of the coal under				
this lease have examine	ed and place on our mine m	aps this proposed well locat	ion.				
We the	Coal Company	have no objections to said w	oll being drilled at this location,				
providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia							
Code.	•						
- * <b>* * * *</b>			eg. Angelegie				
•			A Carl Carl				
		nt.	or Coal Company				
Control of the Section of the	The state of the s	Commence of the Commence of th	Charles Wilds				