1)	Date:	14 May	y .	, 1984
2)	Operator's Well No.	J-996	5	FORM IV-2(B)
3)	API Well No.	47 -	001 -	2067
		State	Counts	Dermit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

OFFICE USE ONLY DRILLING PERMIT May 25, 19 84 Date his permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal retirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to 0.8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the propestrict oil and gas inspector 24 hours before actual permitted work has commenced.) The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. May 25, 1986 Unless well work is commenced prior to that date and prosecuted with due diligence DEFT. OF MINES Administrator, Office of Oil and Gas OTE: Keep one copy of this permit posted at the drilling location.							THE PARTY	L AND GAS DIVI		
Solution Department of the North Control of the Nor			-		<u>A</u>	PPLICATIO	N FOR A WEI	LL WORK PERMI	T	
Solution Department of the North Control of the Nor	4) WELL T	YPE: A	Oil A	/ G	as	Y VOT	ONS HE AN	ITROPOMBEL	DIFFCATIONS	OM TIMBER
watershed: ITLADY POWER Outdrangle: Nestorville WELL OPERATOR J & J Enterppises, Inc. Well OPERATOR J & J Enterppises, Inc. Well OPERATOR S. O. Box 48 Buckhannon, WV 26201 8) Oll & Ges Nobercor No Des Notified Name Phillip Tracy Address General Delivery Address F. O. Box 48 Buckhannon, WV 26201 9) PROPOSED WELL WORK: Drill X Drill deeper Redrill Simulate Perforate new formation Other physical change in well (specify) 10) GEOLOGICAL TARGET FORMATION, Have been supported well, Section and supported well, Section 420 is coal being mined in the area? Yes. No. X 110 Approximate total deephts: 125 to 420 is coal being mined in the area? Yes. No. X 112 Statimated deeph of completed well, 55 feet; sait. O' feet. 113 Approximate total deephts: 125 to 420 is coal being mined in the area? Yes. No. X 113 Approximate total adephts: Fresh, 65 feet; sait. O' feet. 113 Approximate total deephts: 125 to 420 is coal being mined in the area? Yes. No. X 113 Approximate total section of the section of					n	X	Underground	storage	/ Deen	/ Shallow X
OWELLOPERATOR J & J Enterprises, The Address P. O. Box 48 Address P. O. Box 48 Buckhannon, WV 26201 SOIL & GAS INSPECTOR TO BE NOTIFIED SURVEY Address P. O. Box 48 Buckhannon, WV 26201 9 DRILLING CONTRACTOR: Name S. N. Jack Drill Index S. P. O. Box 48 Buckhannon, WV 26201 9 PROPOSED WELL WORK: Drill X Drill Drill Geoper Redrill Stimulate Medical Plus off old formation Other physical change in well (specify) 10 GEOLOGICAL TARGET FORMATION, Have Type 12 Stimulate depth of completed well, 5800¹ feet; salt, 0¹ feet; salt, 0¹ feet; salt, 0¹ feet; salt, 0¹ feet, 14) Approximate coal seam depths: 125 to 420 Is coal being mined in the area? Yes. No. X 13 Approximate total depths Fresh, 65¹ feet; salt, 0¹ feet; salt, 0¹ feet, 14) Approximate total depths from the well operator of the well of the well operator of the well of the well of the well operator of the well of the well of the well operator of the well of the well operator of the well of the well operator of the conditions contained herein and on the reverse heror. Notificating must be given to the Depth of the Depth of the Professions: OFFICE USE ONLY DRILLING PERMIT OFFICE USE ONLY DRILLING PERMIT OFFICE USE ONLY DRILLING PERMIT May 25. 19 84 Days 19 84 Days 25. 19 84	5) LOCATI	ON: El	evation:		18	901	Watershed:	Glady Cre	eek	
6) WELL OPERATOR J & J Enterprises, Inc. Address P. O. Box 48 Buckhannon, WV 26201 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Philitip Tracy Address General Delivery Ellamore, WV 26267 6) PROPOSED WELL WORK: Dill X Drill deeper Plug off old formation Plug off old formation Perforate new formation Other physical change in well pergit) 1) GEOLOGICAL TARGET FORMATION HEVETY 13) Approximate trata depths: Fresh, 65' feet; salt, 0' feet 13) Approximate tr		Di	strict: G:	lade			County: Ba			estorville
Address P. O. BOX 48 Buckhannon, WV 26201 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Philip Tracy Address General Delivery Address General Delivery Address F. O. Box 48 Buckhannon, WV 26201 9) DRILLING CONTRACTOR: Name S. W. Jack Drilling Co. Address P. O. Box 48 Buckhannon, WV 26201 9) PROPOSED WELL WORK: Drill X Ping off old formation Other physical change in well (specify) 1) GEOLOGICAL TARGET FORMATION. Heverty 12) Estimated depth of completed well, 5800' feet 13) Approximate trait depths: Fresh, 65' feet; salt, 0' feet. 14) Approximate coal seam depths: 125 to 420 Is coal being mined in the area? Yes. No. X STANING OR STEPLICATIONS Size Grade Week New Used New dolling Lettis well Cooke feet 13/1 H - Hu 41/2 X X 1000 1000 To Surface Size Intermediate New Water S.	6) WELL O	PERATOR	J &	J En		rises,	Inc.			
8) OIL & GAS INSPECTOR TO BE NOTHIED Name PHILID THACY Address General Delivery Address General Delivery Address General Delivery Address FO. Box 48 Buckhannon, WV 26201 Proposed Well Work: Pilg off old formation Other physical change in well (specify) 1) GEOLOGICAL TARGET FORMATION. Heverty 12) Estimated depth of completed well, Selvent	Addre	-								
Name Phillip Tracy Address General Delivery Ellamore, WV 26267 O) PROPOSED WELL WORK: Drill X Drill deeper Redrill Stimulate X P. O. Box 48 Buckhannon, WV 26201 Other physical change in well (specify) 10 GEOLOGICAL TARGET FORMATION, Have the proposed of the physical change in well (specify) 112 Estimated depth of completed well, 58001 feet 123 Approximate trait adepths: Fresh, 65' feet; salt, 0' feet, social being mined in the area? Yes No X SECURCATIONS TURNING TYPE State Goods Weegels New Used Fow defilling Lett is well (close free) Conductor 113/1 H-40 4/2 X 30 0 0 0 Skg. Kinds Conductor 113/1 H-40 4/2 X 1000 1000 TO Surface Sizes Tense water 8 5/8 ERW 23 X 1000 1000 TO Surface Sizes Intermediate No. 8 State Sizes Siz		Bu	ckhani	non,	WV	26201			Buckhannor	, WV 26201
Address General Dellvery Ellamore, WV 26267 O) PROPOSED WELL WORK: Drill X Drill deeper Redrill Stimulate X Plug off old formation Perforate new formation Stimulate X Plug off old formation Perforate new formation Perforate new formation On the physical change in well (specify) 1) OEOLOGICAL TARGET FORMATION, Haverty 12) Estimated depth of completed well, 5800° feet Salt, 0¹ feet. 13) Approximate trata depths: Fresh, 65¹ feet; salt, 0¹ feet. 14) Approximate toal scam depths: 125 to 420 Is coal being mined in the area? Yes No X SECTION OF TUBING PROGRAM CASING OR SECTION FORMATION FOOTAGE INTERVALS OR SACKS (Cubac feet) OR	8) OIL & G.	AS INSPEC	TOR TO	BE NOTI	FIED					
Ellamore, WV 26207 Buckhannon, WV 26201 Stimulate X Plug off old formation Other physical change in well (specify) Buverty 19 Estimated depth of completed well, 58001 19 Feet 19 Approximate trata depths: Fresh, 651 feet; salt, 01 feet, 14 Approximate coal scan depths: 125 to 420 Is coal being mined in the area? Yes No X Society of the construction of Research Service of Collection of the Service of Collection of Colle	Name _							Name S.V		
OPEROPOSED WELL WORK: Drill X Drill deeper Redrill Stimulate X Perforate new formation Other physical change in well (specify) 1) GEOLOGICAL TARGET FORMATION, Haverty 12) Estimated depth of completed well, 5800 feet 13 Approximate trata debths: Fresh, 65 feet; salt, 0 feet. 13) Approximate trata debths: Fresh, 65 feet; salt, 0 feet. 14) Approximate coal seam depths: 125 to 420 Is coal being mined in the area? Yes. No X SOCASING AND TUBING PROGRAM CASING OR SECURICATIONS FOOTAGE INTERVALS CHARGET FLILLY FOR STEAM OF TUBING TYPE SERVE 23 X 1000 1000 To Surface Charles for water 8 5/8 ERW 23 X 1000 1000 To Surface Sizes Intermediate Remediate Fresh State Serve	Addre							Address		
Plug off old formation Perforate new formation Other physical change in well (specify) 1) GEOLOGICAL TARGET FORMATION, Haverby 12) Estimated depth of completed well, 5800! feet 13) Approximate trata depths: Fresh, 65! feet; salt, 0! feet. 14) Approximate coal seam depths: 125 to 420 Is coal being mined in the area? Yes. No X 5) CASING AND TUBING PROGRAM CASING OR SECLEPICATIONS TUBING TYPE Size Grade Weight No Used Foot drilling Left in well Conductor 113/1 H-40 42 X 30 0 0 0 sks. Kinds Treal water 8 5/8 BRW 23 X 1000 1000 To surface state intermediate Conduction 4 1/2 J-55 10.5 X 5750 5750 350 sks. Depths set D		77.	ramore	e, wv		1020			Buckhanno	on, WV 26201
Other physical change in well (specify) 12) GEOLOGICAL TARGET FORMATION, Have Pty 13) Approximate trata depths: Fresh, 65! feet; salt, 0! feet. 14) Approximate trata depths: Fresh, 65! feet; salt, 0! feet. 15) CASING AND TUBING PROGRAM CASING OR CASING AND TUBING PROGRAM CASING OR CASING OR SPECIFICATIONS TUBING TYPE Size Grads weight 12 X X 30 0 0 0 s.ks. kinds Conductor 1.1.3/1. H - 40 42 X 30 0 0 0 s.ks. kinds Trail water 8 5 / 8 ERW 23 X 1000 1000 TO surface Toolucion 4 1/2 J-55 10.5 X 5750 5750 350 s.ks. Depths set with water 1.2.5	0) PROPOS	ED WELL	WORK:						The state of the s	X /
1) GEOLOGICAL TARGET FORMATION, Haverty 12) Estimated depth of completed well, 5800 ' feet 13) Approximate trata depths: Fresh, 65 ' feet; salt, 0 ' feet. 14) Approximate coal seam depths: 125 to 420 Is coal being mined in the area? Yes No. X So CASING AND TUBING PROGRAM CASING OR SPECIFICATIONS TUBING TYPE Size Grade Weeks No. X 30 0 0 Sks. Kinds TUBING TYPE Size Grade Weeks No. X 30 0 0 Sks. Kinds TUBING TYPE Size Grade Weeks No. X 30 0 0 Sks. Kinds TO SURFACE Sizes No. X 1000 1000 TO SURFACE Sizes No. X 1000 1000 TO SURFACE Sizes Notemendate To SURFACE SIZES NO. X 1000 1000 TO SURFACE Sizes Notemendate To SURFACE SIZES NO. X 1000 1000 TO SURFACE Sizes Notemendate To Perforations: OFFICE USE ONLY DRILLING PERMIT OFFICE USE ONLY DRILLING PERMIT May 25 19 84 To Drive the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal re uircments subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to O. S) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper strict oil and gas inspector 24 hours before actual permitted work has commenced.) In the permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permitted work is a described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permitted work is a described in the Notice and Application, plat, and reclamation pla										
12) Estimated depth of completed well, 5800 feet; salt, 0 feet. 13) Approximate trata depths: Fresh, 65 feet; salt, 0 feet. 14) Approximate coal seam depths: 125 to 420 feet salt, 0 feet. 15) CASING AND TUBING PROGRAM CASING OR NOTAGE INTERVALS. SPECIFICATIONS TUBING TYPE Size Grade Weight New Used For drilling Left in well CASING OR SACKS (Cabbe feet) Conductor 113/1 H-40 42 X 30 0 0 0 Sks. kinds FOOTAGE INTERVALS. Conductor 113/1 H-40 42 X 1000 1000 TO SUFFace for drilling Left in well care from the service of the				Other p	hysical	change in w	ell (specify)			
13) Approximate trata depths: Fresh, 65! feet; salt, 0! feet. 14) Approximate coal seam depths: 125 to 420 Is coal being mined in the area? Yes. No X SCASING AND TUBING PROGRAM CASING OR CASING AND TUBING PROGRAM CASING OR CASING AND TUBING PROGRAM CASING OR Size Grade per ft. New Used For drilling Left in well Offis SACKS Foodbactor 113/4 H -40 42 X N 1000 1000 To Surface Treat water 8 5/8 ERW 23 X 1000 1000 To Surface Size Intermediate Treatmendate Production 4 1/2 J -5 10.5 X 5750 5750 350 Sks. Depths set Total Control of Top Boottom OFFICE USE ONLY DRILLING PERMIT OFFICE USE ONLY DRILLING PERMIT Top Boottom OFFICE USE ONLY DRILLING PERMIT OFFICE USE ONLY DRILLING PERMIT Administrator, Office of Oil and Gas OTE: Keep one copy of this permit posted at the drilling location.									39 (1986)	
14) Approximate coal seam depths: 125 to 420 Is coal being mined in the area? Yes. No. X S CASING AND TUBING PROGRAM CASING AND TUBING PROGRAM CASING OR SPECIFICATIONS TUBING TYPE Size Grade per ft. New Used Professional Conductor III 3/4 H - 40 42 X 4 30 0 0 0 s.ks. Kinds TORRIGHT RESTANCE TO SUPPLIAGE Conductor III 3/4 H - 40 42 X 1000 1000 To Surface Conductor III 3/4 H - 40 42 X 1000 In 3/4 In 3/										
CASING AND TUBING PROGRAM CASING OR TUBING TYPE Size Grade Megat New Used For drilling Left in well OR SACKS (Cubic Reco) OR SACKS (Cubic R	13) Appr	oximate tra	ta depths:	Fresh, _	25 t	0 1130				
CASING OR TUBING TYPE Size Grade Per ft. New Used For drilling Left in well OR SACKS Cluber five)					2) 0	0 420	ls co	al being mined in th	e area? Yes	/ NoX
TUBING TYPE Size Grade Spetit New Used For drilling Left in well Clobbs (feet)		AND TUB				n	FOOTAGE	NUTRALIA		
Conductor			1	Weight	1			1	OR SACKS	PACKERS
resh water 8 5/8 ERW 23 X 1000 1000 To surface sizes merrediate merrediate with the pertinent legal representation of roads, locations and pits for any permitted work, in addition, the well operator of actual permitted of a lass commenced.) SPECIAL SECTION SECT	Conductor	-				Used			S CONTRACTOR OF STREET	
OFFICE USE ONLY DRILLING PERMIT Top Bottom Top Bott										Kinds
office USE ONLY DRILLING PERMIT Top Bottom May 25, 19 84 This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal residence in the conditions contained herein and on the reverse hereof. Notification must be given to the District Ob and Gas Inspector, (Refer to co. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper the permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. May 25, 1986 Unless well work is commenced prior to that date and prosecuted with due diligence work is a specified on the verse hereof. May 25, 1986 Unless well work is commenced prior to that date and prosecuted with due diligence work is a specified on the verse hereof. May 25, 1986 Unless well work is commenced prior to that date and prosecuted with due diligence work is commenced. Administrator, Office of Oil and Gas OTE: Keep one copy of this permit posted at the drilling location.		-								Ci
OFFICE USE ONLY DRILLING PERMIT May 25. 19 84 Administrator, Office of Oil and Gas Perforations: Top Bottom Agent: Plate Casing Fee J 6 3 Administrator, Office of Oil and Gas Administrator, Office of Oil and Gas OTE: Keep one copy of this permit posted at the drilling location.							1000	1000	10 Surrace	Sizes
OFFICE USE ONLY DRILLING PERMIT May 25, 19 84 Date of the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to 8.8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator of his contractor shall notify the propestrict oil and gas inspector 24 hours before actual permitted work has commenced.) The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. May 25, 1986 Unless well work is commenced prior to that date and prosecuted with due diligence with the permitted work is commenced prior to that date and prosecuted with due diligence of the conditions and conditions specified on the verse hereof. May 25, 1986 Administrator, Office of Oil and Gas Administrator, Office of Oil and Gas	Production	4 1/2	J-55	10.	5 X		5750	5750	250 glag	Denths set
OFFICE USE ONLY DRILLING PERMIT Top Bottom OFFICE USE ONLY DRILLING PERMIT Parmit number 47-001-2067 May 25, 19 84 Date This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal re interments subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District 0i and Gas Inspector, (Refer to 0. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper strict oil and gas inspector 24 hours before actual permitted work has commenced.) The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. May 25, 1986 Unless well work is commenced prior to that date and prosecuted with due diligence with the permitted work is commenced prior to that date and prosecuted with due diligence of the prior of the prior to that date and prosecuted with due diligence of the prior to that date and prosecuted with due diligence of the prior of the prior to that date and prosecuted with due diligence of the prior of the prior to that date and prosecuted with due diligence of the prior of	ubing				- 792	y y	THO HALL	OFFIC	300 SKS.	Deptilis set
OFFICE USE ONLY DRILLING PERMIT May 25. 19 84 Date this permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal reinterments subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District 01 and Gas Inspector, (Refer to 0.8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper strict oil and gas inspector 24 hours before actual permitted work has commenced.) The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. May 25, 1986 Unless well work is commenced prior to that date and prosecuted with due diligence with the permit expires. May 25, 1986 OTE: Keep one copy of this permit posted at the drilling location.	Liners									Perforations:
DRILLING PERMIT Permit number 47-001-2067 May 25, 19 84 Date This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal resulting to the conditions contained herein and on the reverse hereof. Notification must be given to the District oil and Gas Inspector, (Refer to o. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper strict oil and gas inspector 24 hours before actual permitted work has commenced.) The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permit expires May 25, 1986 Unless well work is commenced prior to that date and prosecuted with due diligence with the permit expires of the permit posted at the drilling location.			entions	azai au	wollo	t vas tas	28303770350	dates of certain	Hi broser of airfr	Top Bottom
DRILLING PERMIT Permit number 47-001-2067 May 25, 19 84 Date This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal resulting to the conditions contained herein and on the reverse hereof. Notification must be given to the District oil and Gas Inspector, (Refer to o. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper strict oil and gas inspector 24 hours before actual permitted work has commenced.) The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permit expires May 25, 1986 Unless well work is commenced prior to that date and prosecuted with due diligence with the permit expires of the permit posted at the drilling location.										
DRILLING PERMIT Permit number 47-001-2067 May 25, 19 84 Date This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal resulting to the conditions contained herein and on the reverse hereof. Notification must be given to the District oil and Gas Inspector, (Refer to o. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper strict oil and gas inspector 24 hours before actual permitted work has commenced.) The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permit expires May 25, 1986 Unless well work is commenced prior to that date and prosecuted with due diligence with the permit expires of the permit posted at the drilling location.		ate/I						sign		
DRILLING PERMIT Permit number 47-001-2067 May 25, 19 84 Date This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal resulting to the conditions contained herein and on the reverse hereof. Notification must be given to the District oil and Gas Inspector, (Refer to o. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper strict oil and gas inspector 24 hours before actual permitted work has commenced.) The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permit expires May 25, 1986 Unless well work is commenced prior to that date and prosecuted with due diligence with the permit expires of the permit posted at the drilling location.										
DRILLING PERMIT Permit number 47-001-2067 May 25, 19 84 Date This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal resulting to the conditions contained herein and on the reverse hereof. Notification must be given to the District oil and Gas Inspector, (Refer to o. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper strict oil and gas inspector 24 hours before actual permitted work has commenced.) The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permit expires May 25, 1986 Unless well work is commenced prior to that date and prosecuted with due diligence with the permit expires of the permit posted at the drilling location.					(a)noi	tosgami qu	Follow			havenas noiseallan
permit number 47-001-2067 May 25, 19 84 Date Date In spermit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal respectivements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District of and Gas Inspector, (Refer to co. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper strict oil and gas inspector 24 hours before actual permitted work has commenced.) The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permitted work is commenced prior to that date and prosecuted with due diligence with the pertinent legal response to the verse hereof. The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permitted work is commenced prior to that date and prosecuted with due diligence with due diligenc										
Date this permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal residence of subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to o. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper strict oil and gas inspector 24 hours before actual permitted work has commenced.) The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permit expires May 25, 1986 Unless well work is commenced prior to that date and prosecuted with due diligence will be unless well work is commenced prior to that date and prosecuted with due diligence of the property of the						DR	ILLING PE	RMIT		ell work started
his permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal regirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to 0. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper strict oil and gas inspector 24 hours before actual permitted work has commenced.) The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permit expires May 25, 1986 The plate Casing Fee May 25, 1986 The permit expires May 25, 1986 The permitted work is even to the District Oil and Cas 1980 The permitted work is expired to the District Oil and Cas 1980 The permitted work is expired to the District Oil and Cas 1980 The permitted work is expired to the District Oil and Cas 1980 The permitted work is expired to the District Oil and Cas 1980 The permitted work is expired to the District Oil and Cas 1980 The permitted work is expired to the District Oil and Cas 1980 The p	ermit number	47-	001-20	67				-	May 25.	19 84
Agent: Plate Casing Fee May 25, 1986 Agent: Plate Casing Fee May 25, 1986 Casing Fee Casing Casing Fee Casing Fee Casing Casing Fee Casing Casing Fee Casing Fee Casing Casing Casing Fee Casing Casing Casing Fee Casing Casin								1111.	Date	
Agent: Plate Casing Fee May 25, 1986 Agent: Plate Casing Fee May 25, 1986 Casing Fee Casing Casing Fee Casing Fee Casing Casing Fee Casing Casing Fee Casing Fee Casing Casing Casing Fee Casing Casing Casing Fee Casing Casin	his permit cov	ering the w	ell operato	r and well	locatio	n shown bel	ow is evidence of	of permission grant	ed to drill in accordance	e with the pertinent legal re-
repermitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permit expires May 25, 1986 The plate Casing Fee South States of the permit posted at the drilling location. The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions are considered by the permitted work is commenced. The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions are considered by the permitted work is as described in the Notice and Application plan, subject to any modifications and conditions are considered by the permitted work is as described by the permitted wo	uirements subj	ect to the co	onditions c	ontained l	nerein a	nd on the rev	erse hereof. No	tification must be a	iven to the District Oil	and Cas Inspector (Defer to
he permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the verse hereof. Bond: Bond: Agent: Plate Casing Fee 1563 Administrator, Office of Oil and Gas OTE: Keep one copy of this permit posted at the drilling location.	strict oil and	gas inspecto	r 24 hours	before ac	tual per	mitted work	has commenced			ractor shall notify the proper
Bond: Agent: Plate Casing Fee OTE: Keep one copy of this permit posted at the drilling location. May 25, 1986 unless well work is commenced prior to that date and prosecuted with due diligence DEFT. IF MINES Administrator, Office of Oil and Gas								1112		d conditions smarified are the
Bond: Agent: Plate Casing Fee 1563 OTE: Keep one copy of this permit posted at the drilling location.	verse hereof.	TOTA IS US U	scrioca in	the riotic	o una 71	ppiication, p	iat, and reciamie	ition plan, subject i	o any mounications an	id conditions specified on the
Bond: Agent: Plate Casing Fee 1563 OTE: Keep one copy of this permit posted at the drilling location.	ermit expires .	May	25, 19	986			unless well	work is commenced	prior to that date and p	prosecuted with due diligence.
Bond: Agent: Plate Casing Fee // 1563 OTE: Keep one copy of this permit posted at the drilling location.										
BB / 15 / 1563 Administrator, Office of Oil and Gas OTE: Keep one copy of this permit posted at the drilling location.	Bond:	Agen	t: P	late	Casin	g Fee			THE THE TENT	· hand
Administrator, Office of Oil and Gas OTE: Keep one copy of this permit posted at the drilling location.	0-		1	[]		3				Reasons
Administrator, Office of Oil and Gas OTE: Keep one copy of this permit posted at the drilling location.	NA	-	[/") (10)	1156	2	-	10	1
OTE: Keep one copy of this permit posted at the drilling location.					1			/_	111	
								Adm	inistrator, Office of Oi	l and Gas
	OTE: Keep o	one copy of	this permi	t posted a	t the dr	illing locatio	n.			File

Reason:



PIAR, COPY

EORM-IN 20E)

		OFFIC	E USE ONL	Y	A.			
DEDMIT MO	ODIFICATIONS	AND CONDITI	ONS (IF AN	Y) TO T	HE PR	OPOSED W	FII WOR	Karaman Ar
	ODIFICATIONS							K & LEGICA TO A TO
		Clady Cro	/ Underground Watershede	101	185		ilevali	SI LOCATIO
estarville		nuodria						
	AGENT PE CHEF				terp			6). WELLIOP
9.1	P. O. Box					84 xog .	. P . O .	
rocac VII	Luckhappop			26201			Buckl	
		9) DRILLING CO						8) OIL & GA
110g Co.	Jack Dril						derren	
81	F. 0. Eox				Very	al Deli	Gener	
- 10292 VI 28	Sucidanno.			56.7		al Deli	gella.	
>	/ Simulate >							(0) PROPOSE
Tomas Company								
			erty				CAL TARGET	
			teetteet					
				1.3				
				084 0	3 53			
								5) CASING A
PACKERS	CEMENT, HILLE	NIERVALS						CASING OIL
	DR. VACES	Row in little I	anikhb 10 f			Velgille Fade per III.		1991,0938011
	. eda O					di pii-	11271 2	
	To surface	0005	1000			8'S W3		
	To surface	1,000	1000				1 8\E 8	
	note one					-55 10.	4 1/2 J	
		OFFIC	E USE ONLY	7				Tubing
Perforation services		200					1, 1, 14	Z1991.
This part of Form IV-2(b) is to record the	dates of certain	occurrences	and any	follow	-up inspectio	ns.	
		Date					Date	(s)
Application received			Follow-	in inspec	tion(s)			
				0				
Well work started		RMIT	HILLING PE		,,			
Completion of the drilling								
process, manufactured and the same			low is evidence o		ottavol.		ing the well on	his permit cover
on apport, northwest had been	(L() bigiski att of pu							antennents subjec
Well Record received	l operator or his coult							
			o has commoned a					
Reclamation completed			ola,, and reclama		, bus	ed in the Motics		
rosecuted with due diligence.								
OTHER INSPECTIONS								
Reason:						1	Agenty	Lines I
Reason.			123	121	1.5	H & N	1	UU
	The state of the s							

FORM IV-2(B) (Obverse) 7-83

SURFACE OWNER'S COPY



1)	Date:	14 May	. 19 84
2)	Operator's	2 000	
	Well No	.J U G &	

County

1984

47 3) API Well No. State

Acres 645	1,476	STATISTICS.	160
	P	erm	i

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

APPLICATION FOR A WELL WORK PERMIT

4) WELL T	ON: E	(If "Gas", levation:	Production	n 18	X / 90'	_ Watershed:	d storage	DEPT. OF	DJVISION X /) - MINES
	T & T Destruction of the second secon					7) DESIGNATEI Address	Quadrangle: Mestonville ED AGENT Richard Reddecliff P. O. Box 48 Buckhannon W 26201		
8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Address Address Address Address Address Address Address Address									
	0) PROPOSED WELL WORK: Drill/ Drill deeper/ Redrill/ Stimulate/ Plug off old formation/ Perforate new formation/ Other physical change in well (specify)								
12) Estin13) Appr14) Appr	12) Estimated depth of completed well,								
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	FOOTAGE For drilling	INTERVALS Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor Fresh water Coal	8 5/8	H-40 BRW BRW	23	X		30 1000 1000	1000	O sks. To surface	Kinds
Intermediate Production Tubing	4 1/2	J-55	10.9	Х		5750	5750	350 sks.	Depths set
Liners									Perforations: Top Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)	(For execution by natural persons)	
NAME:	x Stoven E. Streets	Date: 5-24-84
Its Date	(Signature)	Date:
	(Signature)	

INSTRUCTIONS TO SURFACE OWNERS AND EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas West Virginia Department of Mines 1615 Washington Street East Charleston, West Virginia 25311 (304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in Methods for Filing Comments below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-lb(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
 - 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
 - 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
 - 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-lk and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-lk(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-lm, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that-

- the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Granto	r, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
Stephen	Streets	Beckler-Energy, Inc.	1/2-100	08 96/187
		Assigned to		
		-TES Enterprises	Inc.	99/611

FORM IV-2(A) Obverse [8-83]

Richard Reddecliff

this 15 day of May

State of W

My commission expires

Edward & Somme Notary Public, Upshi

1)	Date:	1.4	May	,19	84
2)	Operator's				
	TATO 1 1 3TO				

Well No.

3) API Well No. 47 - 001-206

State County Permit

STATE OF WEST VIRGINIA DEPARIMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK

		NOTICE OF APPLICATION	N FOR A WELL	WORK PERMIT	<u>L</u>
4) SU	RFACE OWN	ER(S) OF RECORD TO BE SERVED	5(i)	COAL OPERA	ATOR
(;)	Name	C+ on how Charles		Address	
(1)		Stephen Streets	r.		
	Address_	2243 Lasinger Rd.	5(ii)	COAT, OWNER	R(S) WITH DECLARATION ON RECORD
(::)	N	Mogadore, Ohio 44260	- (/	Name	Hillman Coal & Coke Co.
$(\perp \perp)$	Name				1900 Grant Bldg.
	Address_			Address	Pittsburgh, Pa. 15219
				Name -	Stephen Streets
(111)	Name				2243 Lasinger Rd.
	Address_			Address	Mogadore, Ohio 44260
			5(iii)	COM TECCE	
			2(111)	Name	E WITH DECLARATION ON RECORD:
				Address	
				Address_	
		a record of the second and walls		-	
		TO THE PERSON(S) NAMED ABOVE: You shou	ald have received th	is Form and the	following documents.
		(1) The Application for a Well Wor	k Permit on Form IV	-2(B) (or Form T	V-4 if the well is
2		to be plugged, which sets out and describes the well and its	the parties involve	d in the drilling	a or other work
		cementing program;			
		(2) The plat (surveyor's map) show	ring the well location	on on Form IV-6;	and
		(3) The Construction and Reclamati plug a well), which sets out t	on Plan on Form IV-	9) unless the we	ll work is only to
		reclamation for the site and a	iccess road.	ara semilent w	neror and for
		THE REASON YOU RECEIVED THESE DOCU	MENTS IS THAT YOU H	AVE RIGHTS REGAR	DING THE APPLICATION
		WHICH ARE SUMMARIZED IN THE "INSTRUCTION	NS" ON THE REVERSE	STDE OF THE CODY	OF THE ADDITION I
		(FORM IV-2(B) OR FORM 4, DESIGNATED FOR ACTION AT ALL.	YOU. HOWEVER, YOU	ARE NOT REQUIRE	D TO TAKE ANY
		Take notice that under Chapter 22	of the West Virgini	Codo the under	mimal mil m
		erator proposes to file or has filed th	is Notice and Apolio	cation and accomm	panying documents
		for a Well Work Permit with the Adminis Department of Mines, with respect to a	strator of the Office	e of Oil and Cae	West Virginia
		and depicted on attached Form IV-6. Co	poies of this Notice	. the Application	n the plat and the
		Construction and Reclamation Plan have	been mailed by regis	stered or certif	ied mail or delistated
		by hand to the person(s) named above (o before the day of mailing or delivery t	the Administrator	certain circums	tances) on or
				فأنه أ	
		6) EXTRACTION RIGHTS			MAY 34 1984
		Check and provide one of the following Included is the lease or leases or	ng:		
		I hold the right to extract oil	l or gas.		
		XX The requirement of Code 22-4-1-(c) (1) through (4). (5	See reverse side	for Specifica DIVISION
		7) ROYALTY PROVISIONS			EPT. OF MINES
		Is the right to extract, produce or r	market the oil or ga	s based imon a l	lange on lange
		or other contract or contracts provide for compensation to the owner of the	ding for flat well r	ovalty or any ei	imilar provision
		to the volume of oil or gas so extra	cted, produced or ma	rketed? x vex x	No No
		If the answer above is No, no you may use Affidavit Form IV-60.	butting additional is	needed. If the	answer is Yes,
		500			The state of the s
		See the reverse side for line it	tem instructions, ar	d for instruction	ons concerning
		the required copies of the Notice Reclamation Plan.	ce and Application,	plat, and Constr	nuction and
The	truth of	the information on the	Litter T		
			WELL	mon	
		pplication is verified	OPERA	TORJ	&J ENTERPRISES, INC.
		and the Notice is		1-0 (1 20 12 0 D
		half of the Well Operator	BY	Cercai	C. Caddeles
ın	my County	and State by	It	5 D	esignated Agent

Address

Telephone

PO Box 48

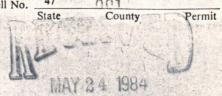
304-472-9404

Buckhannon, WV 26201



1)	Date:	18 May	_, 19 21
2)	Operator's Well No.	J-096	43.43
2)	A DI Well No	47 003	

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT



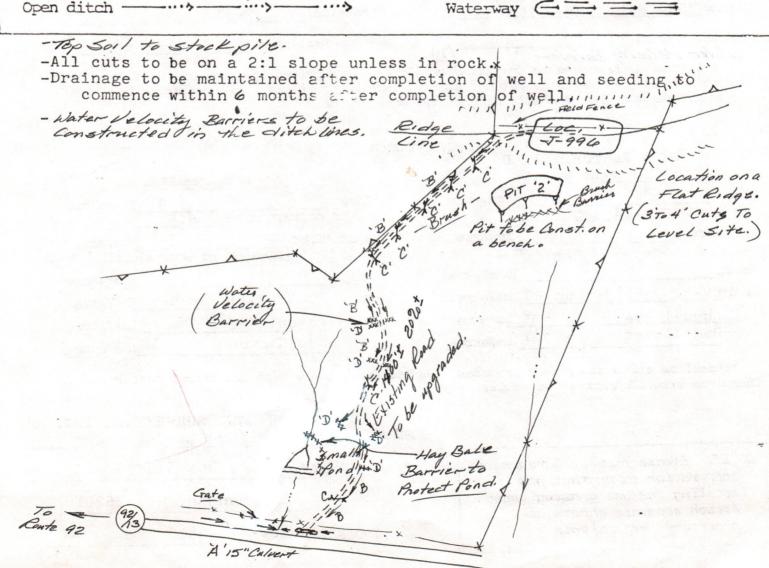
Coal Owner

4) V	WELL TY	PE: A O								eve Bulletonia
		B (I	f "Gas", l	Productio	n	X			/ Deep OIL &	JAShallow (1)
5) L	LOCATIO	10 10 10 E	vation:	2000	18	001		Glady Cr	The state of the s	OF MINES
				lade			County: P			lestorville
6) V	WELL OP	ERATOR_				prises	. Inc.	7) DESIGNATE	CONTRACTOR OF SHAPE AND ADMINISTRATION OF SHAPE	ad Redderliff
	Address		0. B					Address	P. O. Box	and the second s
		Buc	khani	non.	WV	26201			Ruckhannor	1, TO 26201 .
		S INSPEC			FIED				CONTRACTOR:	ling Co.
	Address	Ger	ieral	Deli	very	1	e de cara perende de la companya de La companya de la co	Address	P. O. Box	48
		E13	amor	e, WV	21	5267			- Buckhanne	n. WV 26201
10) D	POPOSE	D WELL V	VORK.	Drill	X	_/ Drill	deeper	/ Redrill	/ Stimulate	the state of the state of
10) 1	KOPOSE	D WELL	WORK.	to the to be the	ff old		HARLES OF THE PARTY OF THE PERSON	rate new formation	Carried that Resident Alexander to the Carried St.	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
				HEADY TOURS	the Committee of the		well (specify)	ate new rormation		
		CAL TAR	OFT FOR	A STATE OF THE PARTY OF THE PAR	The state of the s	THE COLUMN THE PARTY OF THE PAR	ert,v	Linguistic park		THE PARTY OF STREET
		CAL TAR				will be a series of	Contract to the second second second	DESCRIPTION TO A		Committee a secretary and the extension of the committee
		ated depth o			THE STREET STATE OF THE STATE OF	51	Shadin was a second			
13	3) Appro	ximate trat	a depths:	Fresh, _			feet; salt		feet.	
					(C) (0 420	Is co	al being mined in th	ne area? Yes	/ NoX
15) C	CASING A	AND TUBI	NG PROC	GRAM				4575年的第三十分		
	NG OR		SPEC	IFICATION Weight	S		FOOTAGE	INTERVALS	OR SACKS	PACKERS
		Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	一种。
Conduct	tor	113/1	H-40		X	100	30	0	O'eke.	Kinds
Fresh wa	ater	8 5/8	MRU	23	X		1000	1000	To surface	March British State State
Coal	Application of	8 5/8	DRW	23	X		1000	1000	To surface	Sizes
Intermed	diate		300	110000	Jan 1	THE 1		· · · · · · · · · · · · · · · · · · ·	· Fracilia isang	BE TO THE SECOND SECOND
Producti	10.850042.550000	4 1/2	J-55	10.	5 X		5750	CZCA	350	Depths set
Tubing		259 March	2571	SAPAT.	141, 1			2/20	150 SKS.	They bear and the particles of
Liners	September 1		45.75	Maria Control		103 - 3	Chr. Length	Contract September 1	A FRANCISCO	Perforations:
e contra	ugulero.	20000000		1256	100.0		40.4935A447	L. racidas vic	Partie Catalog Company	Top Bottom
the ball			2201a.st	The sec	400	927 9	Salar St. March	and the particular of	16-4/-E254-E452	Part of the second seco
A. S. Ann	and the state of t	1 / A 2 / A		3,500	1729162					The state of the s
74-74-04 (7) (2) (2) (4)	Six pitt. The S			44 (17) (47) (47)	A SECTION	this Dath territory		2-2-0-407 34548 V 1/3		A CONTRACTOR OF THE PROPERTY O
24,3100			经国际		N. 100 E.		40000000000000000000000000000000000000	《西西科学》的图像中的	HARLES OF STREET	water appropriate designation and
	1		在特別	INS	TRUC	TIONS TO	COAL OPERAT	OR, OWNER, OR	LESSEE	美国基础设施
		Then	amed coal	operator	coal	wner(s) and	d coal lessee are b	pereby notified that	any objection they wish	a to make on
									hin fifteen (15) days after	
		of this Ap					STATES OF			
			1453		ñ est					
		THE PARTY OF THE PARTY OF THE PARTY OF		March of the Control of the Control		Printed Resident Value of the Printed States	BOARD SOME TO SERVE WITH A SERVE SOME A THE EXPORTED TO	The state of the s	coal owner or coal less	
				Sign as a Company of the state of	The Carlotte of the Control of the C		Code §22-4-20, if	the permit is to be	issued within fifteen (1	5)
			days of th	e filing o	the A	pplication.				
			Q = 10V = 1				WAIVER			
7	6 1 4 4									A SALES OF THE SALES OF THE SALES
		ed coal oper		16	TOWN THE THE	_/ owner _	-	/lessee		pal under this well location has
										n added to the mine map. The all applicable requirements of
		a Code and					ms location, prov	rided, the wen oper	ator has complied with	an applicable requirements of
			THE LETTER	A Class		1471				
	than and pain	本作品	AND THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSO				THE DAMES		N. C. S.	KT THE COLOR PORT TO SERVICE AND ADDRESS OF THE PERSON OF
		-/	2		0	/		10		()
Date: _	•	10	14	, 1	909	P. Prince	1	in tec	en (_ c	creets

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF WWa. COUNTY OF Barbare:
The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of (1) Notice on Form IV-2(A) / Form IV-3(A) / Form IV-4(A) / (2) Application on Form IV-2(B) / Form IV-3(B) / Form IV-4(B) / (3) Plat showing the well location on Form IV-6, and (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well) all with respect to operator's Well No. 9-996 located in District, Barbara Co-County, West Virginia,
upon the person or organization named
Steven Streets
on the 24 day of May, 1954 in the manner specified below.
- [COMPLETE THE APPROPRIATE SECTION]
For an individual: [X] Handing it to him / her / or, because he / she / refused to take it when I offered it, by leaving it in his / her / presence.
[] Handing it to a member of his or her family above the age of 16 years named who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.
For a partnership: [] Handing it to
For a limited partnership: [] Handing it to the general partner, named, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.
For a corporation: [] Handing it to the corporation's employee / officer / director [] Tattorney in fact / named
MAY 24 1984 (Signature of person executing service)
OIL & GAS PISUBSURIBED and sworn before me this 24th day of may, 1984. DEP My Commission expires Outstee 16,1989
Luda S. Carfield
Notary Public

PEV 8-81) ATTACH OR PHOTOCOPY SECTION OF LEGEND INVOLVED TOPOGRAPHIC MAP. QUADRANGIE NESTORVILLE Well Site Access Road White Oak Ch Cem Kalamazoo WELL SITE PLAN ketch to include well location, existing access road, roads to be constructed, wellsite, cirilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage. Water Velocity Barrier C.L. (D) Diversion AMINIMINIA Property boundary Road = = = = = Spring O> Existing fence -X -X-Wet spot Planned fence --/-Building a -0-Stream \... Drain pipe-Open ditch -----Waterway C====







State of Mest Airginia Bepartment of Mines Gil und Gas Iwision

DATE 14 May 1984
WEIL NO. 57-996
API NO. 47-001-2067

MAY & = 1984

CONSTRUCTION AND RECLAMATION PLAN

		611 0 010 011	
COMPANY NAME J&J Enterprises, Inc	c I	DESIGNATED AGENT Richard Reddicliff	N
Address Buckhannon, WV 26201		A Buckhannon, WV 26201	W. Rennet Grane
Telephone 304-472-9404		Telephone 304-472-9404	
LANDOWNER Stephen Streets Mogadore	2, Ohio 44 260	o SOIL CONS. DISTRICT Tygort Valle	ev
Revegetation to be carried out by_		Enterprises, Inc. (Ager	
This plan has been reviewed by	Tygo	t wally so. All corrections	
and additions become a part of this pl	an: 5	-22-84	
	1,1	Date	
	Jul.	(SCD Agent)	
ACCESS ROAD	/	to telephone commence file distribute	
		LOCATION	
Structure Culverts	(A)		(1)
Spacing AS Shown and As Needed		Material Soil (2% max. slope)	
(15" min. when leaving a Page Ref. Manual 2-7	STATA	road.) Page Ref. Manual 2-12	
Drainage Ditch			
Structure Drainage Ditch		Structure Drilling Pit	(2)
Spacing To be constructed alon the access ro	g	Material Soil	
Page Ref. Manual 2-12	au.	Page Ref. Mamual	
Structure Cross Drains	(0)		
5%-135' 15%-60'	(C)	Structure Sediment Trap	(3)
Spacing 10% - 80' 20% - 45'		Material Soil	
Page Ref. Manual 2-4	171	:ge Ref. Manual	
All structures should be inspected	(D)	y id napained if	
The state of the s	stacked an	a c. / hmich and amazz + +- 1	
cut and removed from the site before	e dirt wor	k begins.	
100 - Fair	Edge		
WOODS & PASTURE FIELD	REVEGETATIO	CIN .	
Treatment Area I	+	Treatment Area II	
Lime 3 Tons/acr	re	Lime 3 Tons/acr	~
or correct to pH 6.5	Fred L.	or correct to pH 6.5	
Fertilizer 600 lbs/acre	2 40	Fertilizer 600 lbs/acre	2
(10-20-20 or equivalent)		(10-20-20 or equivalent)	
		Mulch 2 Tons/acr	
Seed*Ky-31 Tall Fescue 30 lbs/acre		See Ky-31 Tall Fescue 30 lbs/acre	
Annual Rye 5 bs/acre		Annual Rye 51bs/acre	
Red Clover 10 lbs/acre	a ten at	Red Clover 101bs/acre	
*Inoculate all lecumes such as patch		and clovers with the proper bacterium.	
Inoculate with 3X recommended amount.	1917	and elevers with the proper pacterium.	
	W.	OSTRANDER LAND SURVEYING, IN	
	PLAN I	PREPARED BY Rexford L. Ostrander	
NOTES: Please request landowners'.	Sept.	ADDRESS Rt. 2, Box 375-6	
cooperation to protect new seedling for one growing season.	19.78	411	
Attach separate sheets as	A STATE OF THE STA	Buckhannon, WV 26201	
M00000000		880 18 19 18	
necessary for comments.		FHONE NO. 304-472-0817	

MAY 24 1984

DEPT. OF MINES

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1983-403-517

Return receipt showing to Date, and Address of Deliv Pittsburg, Pa. Street and No. 1900 Grant Bldg. SHI Iman Special Delivery Fee Certified Fee Return Receipt Showing to whom and Date Delivered Postage TOTAL Postage and Fees Restricted Delivery Fee Coal and Coke Co. 15219 37 172 60 ソレ

234 475 9PO

U

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED NOT FOR INTERNATIONAL MAIL

(See Reverse) J-996

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Haverty: Perforations: 5441-43 (6 holes) 5537-41 (8 holes) Fracturing: 45,000 lbs. 20/40 sand: 250 gal. acid: 500 Bbls. fluid. lst. Elk: Perforations: 4145-48 (9 holes) 4262 (2 holes)

Fracturing: 35,000 lbs. 20/40 sand:500 gal. acid: 539 Bbls. fluid.

BOTTOM HOLE PRESSURE Pf=Pwe XGLS

 $t=60 + (0.0075 \times 5657) + 459.7 = 562 \times x=53.35 \times 562 = 29990 = 0.000033$ Pf=1525 x 2.72 (0.000033) $(0.650)(4843)(0.9)_{=1525} \times 2.72^{0.09} = 1525 \times 1.09$

Pf= 1662 psi

ORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Top soil & sand Sand & sandy shale	0	8 509	½" stream @ 230'
Coal Sandy shale	509 515	515 570	Gas ck @ 2390 No show
Coal Sandy shale	570 574	574 606	Gas ck @ 2883 No show
Coal Sandy shale	606 610	610 980	Gas ck @ 3255 14/10-2" w/mercury 158,000 cu.ft.
Sand & sandy shale Sand & sandy shale	980 1035	1035 1150	propria mortanii de la
Sand & Sandy Shale Sandy shale Little lime & shale	1150 1585	1585 1605	Gas ck @ 3440 20/10-2" w/mercury 189,000 cu.ft.
Big Lime Sand & sandy shale Sand & sandy shale	1605 1780 1995	1780 1995 4145	Gas ck @ 3810 8/10-2" w/mercury 119,000 cu.ft.
lst Elk Sand & sandy shale	4145 4262 5441	4262 5441 5541	Gas ck @ 4333 4/10-2" w/mercury 84,000 cu.ft.
Haverty Sand & sandy shale	5541	5830 T.D.	Gas ck @ 5445 2/10-2" w/mercury 60,000 cu.ft.
		The application of the second	Gas ck 10 jts. down 17/10-2" w, water 173,000 cu.ft.
CN22 CNA			
	Total State of the	200 100 20	Luden in the Secretary
		3	si un de arien desa,
	7. 2	0,1-303,47-0	E one cardson away from
TV-XX23			Alban Janes Alban
		Land Anthropy	

(Attach separate sheets as necessary)

J	&J Enterprises, Inc	
Well	Operator	Robert Dahlin-Geologist
Date:	8/22/84	

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 and, encountered in the drilling of a well."



OIL & GAS DIVISION State of Mest Hirginia

OIL & GAS DIVISION Bepartment of Mines
DEPT. OF MINES Bepartment of Mines
Oil and Gas Bivision

Date	August 22,1984
Operator	
Well No.	J - 996
Farm	Stephen Streets
API No.	47 - 001 - 2067

WELL OPERATOR'S REPORT

OF ON CHIMILIPACE AND AD COUNTRY OF DE

DRILLING,	FRACTURING	AND/OR	STIMULATING,	OR	PHYSICAL	CHANGE	
740							

	Glady Cr	eek		
District: Glade County Ba	rbour	Quadrangle	Nestor	ville
				dies prop
COMPANY J&J Enterprises, Inc.			OR COLD COM	C
ADDRESS P.O. Box 48, Buckhannon, WV 26201	Casing	Used in	Left	Cement fill up
DESIGNATED AGENT Richard Reddecliff	Tubing	Drilling	in Well	Cu. ft.
ADDRESS P.O. Box 48, Buckhannon, WV 26201	Size			
SURFACE OWNER Stephen Streets	20-16 Cond.		-	Constitution
ADDRESS 2243 Lasinger Rd. Mogadore, OH 44260	13-10"	15.50	05.50	0
MINERAL RIGHTS OWNER Same as surface	9 5/8	1 1 1 1 1 1 1 1		
ADDRESS		1000 50	1000.50	280 sks.
OIL AND GAS INSPECTOR FOR THIS WORK Phillip	8 5/8	1000.30	1000.30	200 SKS
Tracy ADDRESSApt.24, Elkins, WV	7			SERVICE SERVICE
PERMIT ISSUED 5/25/84	5 1/2	5657.35	5657.35	VII. HV_R
DRILLING COMMENCED 7/15/84	4 1/2	3037.33	3037.33	575 sks
DRILLING COMPLETED 7/20/84	3	-		
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2			
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			
GEOLOGICAL TARGET FORMATION Haverty		Dep	th 5443	-5541 fee
Depth of completed well 5830 feet	Rotary x	/ Cabl	e Tools	
Water strata depth: Fresh 230 feet				The second second
Coal seam depths: 509-15,570-74,606-10		being min	ed in the	area? No
OPEN FLOW DATA				
Producing formation Haverty	Pa	y zone dep		7-41 8 fee
Gas: Initial open flow Mcf/d				
Combined Final open flow 959 Mcf/d				
Combined Final open flow 959 Mcf/d	nitial and f			
Time of open flow between in			r of hou	ire shut i
Time of open flow between ir Static rock pressure 1525 psig(surf	face measure		er 96 hou	irs shut i
Time of open flow between in Static rock pressure 1525 psig(surf (If applicable due to multiple complete	face measure ion)	ment) afte	1	
Time of open flow between in Static rock pressure 1525 psig(surf (If applicable due to multiple complete Second producing formation 1st Elk	face measure	ment) afte	oth 414	15-4262 fee
Time of open flow between in Static rock pressure 1525 psig(surf (If applicable due to multiple complete Second producing formation lst Elk Gas: Initial open flow Mcf/c	face measure ion) Pa d Oil: Ir	ment) after my zone dep nitial oper	oth 414	15-4262 fee Rbl,
Time of open flow between in Static rock pressure 1525 psig(surf (If applicable due to multiple complete Second producing formation 1st Elk	face measure ion) Pa d Oil: Ir d Oil: Fi	ment) after my zone dep nitial open inal open f	oth 414	15-4262 fee Bbl/ Bbl/

STATE OF WEST VIRGINIA

equation with tracking

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

INSPECTOR'S WELL REPORT

DEPT. of MINES

Permit No. 00 - 206	2	6 KIZ		Oil or	Gas Well	
Company J4J	Enteapeises	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
Address	·	Size				JE GUIL
A	en sheet	16		1391	Kind of Paci	cer
A STATE OF THE STA	- 996	13		er makir qër.	1370 800	
Class	0 8	10			Size of	naeed .
DistrictCIACC	County GANB	65%			Dthth	
Drilling commenced					Depth set	
Orilling completed	Total depth	3			Perf. top	
Date shot	Depth of shot	2			Perf. bottom	
	/10ths Water inInch	Liners Used			Perf. top	
	/10ths Merc. inInch				Perf. bottom	
Rock pressure	Cu. Fthrsbbls., 1st 24 hrs.	CASING CEMEN NAME OF SER COAL WAS EN	VICE COMPA	NY		Dat
resh water	feetfeet	FEET_	INCH	ES	FEET	_INCHES
alt water	feetfeet	FEET_	INCH	ES	FEET	_INCHES
Orillers' Names						No synchi
emarks:	Stant Loca	Tion			***************************************	
6/8/	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Plo	s Beac	(soj)	
DATE					DISTRICT WELL IN	ISPECTOR
7/11/9			VI	- Ko	ae o	01

DATE

KUTRED SOI

DISTRICT WELL INSPECTOR

DISTRICT WELL INSPECTOR

Form 26 2/16/82

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Form 26 2/16/82

STATE OF WEST VIRGINIA

Form 26 2/16/82

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION INSPECTOR'S PLUGGING REPORT

or fire Walk E			ADDRESS	A TO A STATE OF THE PARTY OF TH		oM naus		
OMPANY		DISTRICT	ADDRESS (OUNTY				
ARM	AND THE STATE OF T	_ DISTRICT _				ymaenro		
an Maria I Hand								
lling Material Used			P. 1	Loc	ation			
ner Loc	ation	Amoun				ING		
PLUGS USED A	ND DEPTH PLACED		BRIDGES	RECOVERED	CASING AND TUBING RECOVERED SIZE LOST			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED				
				4100		27.2		
Jest ritgaQ								
			33/16					
			1 1000000000000000000000000000000000000	hart to be a second	and the state of t	Stov Parts		
			to fig.	to diged.	and the second second			
med has a review						D suite Lett		
		The same of the sa	Water in land	the state of the s				
matted lines			Salara Mark	1.50/1	galdut as	the with no		
			2012 13 1 M 133	1		9.75%		
inflTi or								
Control of the second of the s	MEANY	DO SOLVATOR II		8.5	particular particular properties	enternent %		
	0.000							
Drillers' Names			43,000	1996				
		528	200	3449		1.188		
Domorko		Manager of State of S						
Remarks:								
	I hereby certify I	visited the above	well on this date.					

Permit No.01-2067

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

	OIL	&	GAS	DIVIS	5	ON	1	_
7	EP.	T.	OF	M	- County	N	-	Kenne

Oil or Gas Well_____

Company J4 J	CASING AND TUBING	USED IN DRILLING	LEFT IN	P	ACKERS
Address	Size				and the said
Farm Stizeets	16			Kind of I	Packer
Well No	13				
DistrictCounty_00/	81/4			Size of	
Drilling commenced 7/15	6%			Depth se	t
Drilling completedTotal depth	5 3/16				
Date shotDepth of shot	2				com
Initial open flow/10ths Water inInch	Liners Used				
Open flow after tubing/10ths Merc. inInch				Perf. bott	om
VolumeCu. Ft.	CASING CEMEN	NTED	_SIZE	No. FT.	Date
Rock pressurelbshrs.	NAME OF SER				2000
bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	АТ	_FEET	INCHES
resh waterfeetfeet					
alt waterfeetfeet					
orillers' Names JACIZ #					23) (11/18/9)
VITO					
emarks: Deg @ 5515 -	- Shoul	d 7.0		91.	

7/20/84 DATE

RG Beace

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

OMPANY			ADDRESS			TH NAME			
OMPAN I	NY ADDRESS COUNTY								
ARM	<u> </u>	DISTRICT.	· · · · · · · · · · · · · · · · · · ·	001112					
illing Material Used									
iner Lo	cation	Amou	nt Packer	Loc	cation				
PLUGS USED AND DEPTH PLACE			BRIDGES	CASING	G AND TUI	BING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST			
OLIVIEW THE STATE OF THE STATE									
Service Address of the Service									
			The second secon			A STATE OF THE STA			
				10000		2000			
						l nego la:			
			was to said						
			More than the state of the	100	ranight as	Carron			
						F1.774.1			
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		20176884	the first the second						
	200.5 180	37774		P#1		9 Mar 14 8			
All Commence States	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		38. 8/09						
Duillara' Names		7							
Drillers' Names									
AND THE PARTY OF T		TP 5		and the second second second second second second	a dan o to la reservición de	e egile op anderson om in høgen			
Remarks:									
	I hereby certify I	visited the above	e well on this date.						
DATE									

Permit No. 201-2667

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES
OIL OF Gas Well
(KIND)

Company J + J	CASING AND TUBING	USED IN DRILLING	LEFT IN	PAC	CKERS
Address	Size				
Farm STREETS	16			Kind of Pa	icker
Well No	13	AG2 TITLE	der der T	Sie of	80540
District C-LADE County BARBOOR	8.78-	1000'	1000	Sie of_	11150
Drilling commenced 7/5/84	6%	5657'		Depth set	4/3 /46
Drilling completed 1/23 Total depth 5830	53/4-/2-	7637	5657	Perf. top_	
Date shotDepth of shot	2				m
Initial open flow/10ths Water inInch	Liners Used			Perf. top_	
Open flow after tubing/10ths Merc. inInch				Perf. botto	m
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressurelbs,hrs.	NAME OF SER	RVICE COMPA	NY		
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES
Fresh waterfeetfeet	FEET_	INCH	ES	FEET	INCHES
Salt water feet feet	FEET_	INCH	ES	FEET	INCHES
Drillers' Names Jack Rig # 11	•				2 (2 (18))
Remarks: Rig off -			***************************************		
-//				TAI	
7/23/84			KGI	Beace	

8/21/84

REBONII 501

DISTRICT WELL INSPECTOR

DISTRICT WELL INSPECTOR

Form 26 2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Well No.

Form 26 2/16/82

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

FERC-121

Companyed Comment

U.S. DEPARTMENT OF ENERGY Federal Energy Pegulatory Commission Visconition, D.C. 20426

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA) (Sections 102, 103, 107 and 108)

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 270.103. If there are any questions, call (202), 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

Section of NGPA	Category Code	Description
102 102 102 102 102	1 2 3 4 5	New OCS Lease New onshore well (2.5 mile test) New onshore well (1,000 feet deeper test) New onshore reservoir New reservoir on old OCS Lease
103	-	New onshore production well
107	<u> </u>	High cost natural gas
108		Stripper well

Other Purchasers/Contracts:

Contract Date (Mo. Day Yr.) Purchaser

Buyer Code

Remarks:

DATE: SFP 1 4 1984	BUYER-SELLER C
OPERATOR: J & Enterprises his	
ST PURCHASER: Tennessee Das Pipeline	
R:	
Va Department of Mines, Oil & Gas Division	
WELL DETERMINATION FILE NUMBER QUALIFIED	
840829 -103 -001 : 2067 QUALITY	
a Above File Number on all Communications Relating to Determination of this Well	
CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS HISSING	
NO. 1. FERC -121 Items not completed - Line No	
2. IV-1 Agent	
3. The main balant	
4. IV-6 Vell Plat	
5. IV-35 Wall RecordDrillingD	
6. IV-36 Gas-Oil Test: Gas Only Was Oil Produced?	Patio _
7. IV-39 Annual Poduction years	
8. IV-40 90 day Production Days off line:	/
9. IV-48 Application for certification. Complete?	
7. IV Form 51 - 52 - 53 - 14 - 55 - 56 - 57 - 58 Complete?	
E. Other: Survey Logs Geological Char	
Structure Map 1: 4000 Map Gas Analyses	Well Tabulations
5) Date commenced: Date completed	_ Deepened
5) Production Depth:	
5) Production Formation:	
5) Final Open Flow:	
5) After Frac. R. P.	
f) Other Gas Test:	
Tr Avg. Cally Gas from Arrual Productions	
Fr. Avg. Daily Cas from 90-34y ending w/1-120 cays	
* Line Fressire.	FIG tire to
Col frequence Free Completion Report	
For lease any miory andicare enhanced recovery teams done	
7. Is affidavy signed" Notarized"	
efficial well record with the Department confirm the surritted i	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED I
tional internation Does computer program confire"	
beter cratter Crieftee te hi bice.	

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

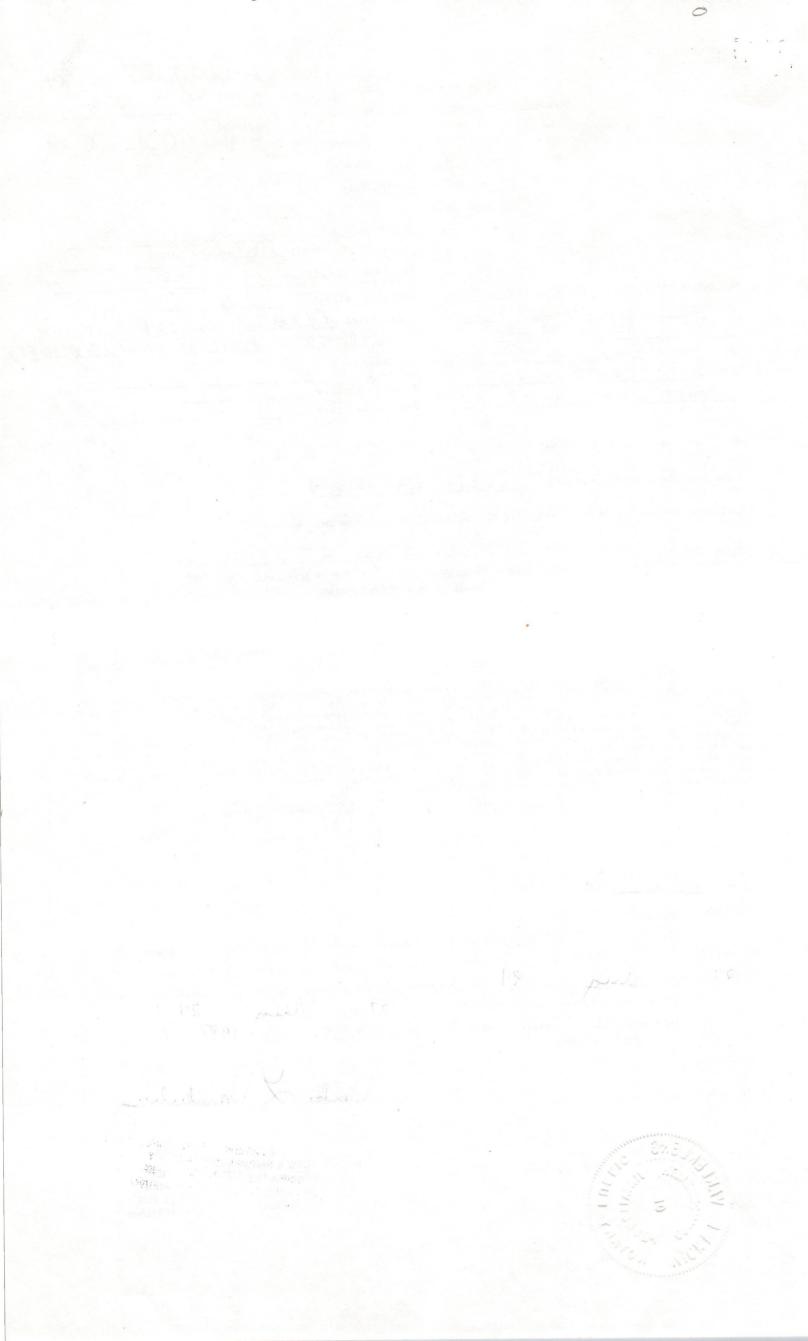
	2.27 .1984
Operator's	J-996
API Well No. 47 State	001 -2007

WELL CLASSIFICATION FORM NEW ONSHOPE PRODUCTION WELL MGPA Section 103

	DESIGNATED AGENT James R. Willett
	ADDRESS S.W. Jack Drilling Company
WELL OPERATOR J & J Enterprises, Inc.	Box 48 Buckhannon, W. VA. 26201
ADDRESS P. O. Box 697	LOCATION. Elevation 1890
Indiana, PA 15701	Watershed Calady Creek
CAS PURCHASER Tennessee Gas Pileline Co.	Discolade Count Barbour quad festowille
ADDRESS P.O. Box 2511	Contract No.
Houston, Texas 77001	Meter Chart Code
	Date of Contract
* # * * * * * * *	* * * * * * * *
Date surface drilling was begun:	15, 1984
Indicate the bottom hole pressure of the well and	d explain how this was calculated:
Rock Pressure: Well	was shut in several days after
with a	a spring gauge.
$t=60 + (0.0075 \times 5657) + 459.7 = 562 \times 53.35$	$\frac{1}{x \ 562} = \frac{29990}{29990} = 0.000033 \ Pf=1525 \times 2.72^{(0.000033)}$
$(0.650)(4843)(0.9) = 1525 \times 2.72^{0.09} = 1525 \times 1$	00 X 2.72
PI= 1662 psi	
reservoir from which gas is or will be produced ar in commercial quantities or on which surface drill	nd which applied to any other well producing was ling began on or after February 19, 1977, and which
	() M. McClean
STATE OF WEST VIRGINIA. DA	
COUNTY OF Indiana . TO WIT:	
	bublic in and for the state and county aforesaid.
do certify that J.H. McElwain , whose name is	signed to the writing above, bearing date
the 27 day of aug . 1984, has acknown	wledged the same before me, in my county aforesaid
The second section	chis day of
My XMMXMXMXXX expires on the 23 Commission	day of January 1988

[NOTARIAL SEAL]

VICKI L. VANDERSERG, NOTARY PUBLIC INDIANA BOROUGH, INDIANA COUNTY MY COMMISSION EXPIRES JAN. 23, 1988 The Pennsylvania Association of Notaries



1054 14-684C

STATE OF WEST VIRCILIA

DEPARTMENT OF MINES, OIL AND CAS DEMISION

Dar Qug. 27, 84.

No. 47

STATE APPLICATION FOR LITT CL. 381 16 1100

Previous File No.

WELL OFFRATOR J & J Enterprises, Inc.	DISIGNATION COST James R. Willett ADDRESS S. W. Jack Drilling Co.
Indiana, PA 15701	Box 48, Buckhannon, W. VA. 26201
Cas Purchase Contract No and I	(Month, Cay and year)
Meter Charc Code	
	oline Company
Name of First Purchaser	
(Street or	7 (O. Hox)
Houston, Texas 77	(712 Code)
FERC Seller Code 009480	TERC Buyer Code
TYPE OF DETERMINATION BEING SOUGHT:	103 N/A
(1) Initial determination (See FERC Form 121.	
increased production is	s the result of enhanced
recovery technology.	
(3) Determination of a seasonally affected we	11. Secretary
	Richard J. Kline
	Piland Delina
	sign fore the
	P. O. Box 699
	Indiana PA 15701
	111012111
	Arca Phone Rurber
(Certificate of Proof of Service to Purchaser)	
	*N
(All of the above to be completed by the Operator/	Applicant)
	ad some to be returned to Operator/Applicant and
(To be completed by Jurisdictional Agency. Execut purchaser, if known).	
(NGPA): [] for for determination that increased pr	oduction is the result of enhanced recovery technology ion of a seasonally affected well under Section 108 of (
All interested parties are hereby notificate of the Oil and Gas Division in Charlest be heard, there will be a public hearing, if reques	on Vest Virginia, or as soon therealter as it hay

Initial review of information submitted indicates the well [] is. [] is not entitled to certification as claimed under the Natural Cas Policy Act (NCPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the natter may be heard. Unless objections are tirely filed or a request for a hearing is cade within fifteen (15) days, a hearing will not be held except on exparte motion of the department and the matter will go to determination.

WEST VIRCINIA DEPARTMENT OF MINES

AUG 29 1984

Date received by Jurisdictional agency

Tiele

