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State of West Virginia DEPARTMENT OF ENERGY Division of Oil and Gas

Well Operator's Report of Well Work WILEY, MELVIN Farm name:

Operator Well No.: WILEY #1

LOCATION:

Quadrangle: MIDDLEBOURNE Elevation: 1137.00

CENTERVILLE District:

County: TYLER

14010 Feet South of 39 Deg. 27Min. 0 Sec. 4000 Feet West of 80 Deg. 52 Min. 0 Sec. Latitude: Longitude

Company: JAY-BEE OIL & GAS

DEPT. OF ENERGY

1720 RT. 22 E

UNION, NJ 07083-0000

Agent: RANDY J. BRODA

Inspector: GLEN P. ROBINSON 01/19/90 Permit Issued: 7/1/90 Well work Commenced: Well work Completed: 90 iĹ Verbal Plugging Permission granted on: ic 31/9
Rotary X Cable Rig #27
Total Depth (feet) 3304'
Fresh water depths (ft) See als) 10/31/90 Rig #27 Salt water depths (ft) see old

Liel Record

Is coal being mined in area (Y/N)? N Coal Depths (ft):

Casing	Used in	Left	Cement Fill Up
&   Tubing	Drilling	in Well	
Size	·		
103/4	351	351	1505KS
7"	1962	1400	1 1255Ks
4/2"	2574	610	1 60 SKS,
		 !	 
	l.	 	 

#### OPEN FLOW DATA

Producing formation		Pay zone depth	(ft)	
Gas: Initial open flow_	MCF/d Oil:	Initial open flow		Bbl/d
Gas: Initial open flow_	MCF/d	Final open flow		—Bbl/d
Final open flow Time of open flow	hetween initial	and final tests		Hours
Time of open flow	nsia (surf	ace pressure) after	-	Hours
Static rock Pressure				<del></del>
Second producing format	ion —	Pay zone depth	(ft)	
Itil aman flow	- MCF/d Oil:	Initial open flow		Bbl/d
minal amon flow	— MCF/d	Final open flow		DD = / G
Time of open flow	hetween initial	and final tests	· - <del>-</del>	nours
Static rock Pressure	nsig (surf	ace pressure) after	r	Hours
Static fock bressure		· · · •		

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For:	JAY-BEE C	IL & GAS	· -			
	Bu.		KR, Da	(	of Man.	
	By: Date:	4/19/91	- 1 - Lva2			
	<del></del>	1 1		AUG 5	1991	

# WEIL WAS PLUSSED.

3304 to 1970 GELLE WATER
1970 to 1870 CEMENT Plug.
1870 to 562 GELLE WATER
562 to 462 CEMENT Plug.
462 to 100 GELLE WATER
100 to 0 CEMENT Plug.

41/2 00 Well ORNAMENT LEFT STICKING OUT OF WELL CEMENTED

SP. Mgr.

(600)

									27 G. A. A. 14,7 a.	
DETAILED, FRECTERING ARRONS STRUCTURE, FLINTING CREATER  FILL TYPE: 011 X / Case X / Liquid Indrection / Wiste Disposal / Circ Company (IT "Gas", Preduction / Wisternies: Commission of Commission / Co		<b>8</b>				WEI	L OPERATOR'S	REPORT 75	API Wel	10 17 D95-0
GOATION: Sievation: 37' Maternaed: Orient Win of Emeric Creek  Sievation: Sievation: 37' Maternaed: Orient Win of Emeric Creek  Andreas Emithville: Controy: 12 County: Tylor Calinage: Middichourne, WW  Molvin Wiley H-870  Ith OPERATOR Gloon [L. Emight & Edge: DESIGNATE ASERT ASTRON B. Howeld  Addreas Emithville, WW 26172 Designate Asert Astron B. Howeld  Addreas Emithville, WW 26172 Designate Asert Astron B. Howeld  Flug off old formation/ Perforate new formation/  Plug off old formation/ Perforate new formation/  Flug off old formation/ Perforate new formation//  Other physical change in well (specify)  FEB 27 1980  PLRNIT ISSUED ON August 19/ 9 OIL & OAS INSPECTOR FOR FALLON FROM STILLING ON EMMORITM. VERMINELING OF DRY NOLE ON THE MINE CONTINUOUS PROCESSION FROM STILLING ON EMMORITM. VERMINELING OFFINED  Depth of completed well, rion feet Rolary x // Calib Traits Prions: 758-5579  MOLDOSICAL CARBET FORMATION: deg Injun & Main Depth// Formation Prions: 758-5579  MOLDOSICAL CARBET FORMATION: deg Injun & Main Depth// Formation			DRIL	LING, T	PRACTUE	11110	AND/OR STIMULA	TING, OF FRY	SILAL CHANGE	State County
CARTION   Slevation   37   Maternated Science   Seep   Scillon   4				_ v						
District: Contervalle Country Tyler Cardinage: Middlebourne, 37  Middle	TELL TYPE:									
District: Contemptile Sounts: Tylor Quarangle: Midlichourne, 37  Mount wiley H-910 Address Glenn L. Engcht & Bend Bestonate Agent Agents B. Houdd Address Saithwille, W7 P6122		(It "C	as", Pr	roducti	on_X	_/	Underground s	torage/	Deep/	Shallow y /)
### PRINCE PROPERTY CONTROL OF THE PROPERTY PROP	OCATION:	Elevat	.1on:	3;'		_ ``	latershed: <u>Gr</u>	imms Run of	Sancho Creek	
### PRINCE PROPERTY CONTROL OF THE PROPERTY PROP		Distri	.ct:	Centery	ville	0	County: Ty	ler	Quadrangle: Mic	dlebourne, WV
Address Smithville, W 26178  ERMITTED WORK: Drill Y / Convert / Drill deeper / Reprise   Programme   P	FLL OPERATO				Mo.	lvin	Wilev H-810			
EMMITTED WORK: Drill \( \frac{1}{2} \) / Convert \( / \) Drill deeper \( / \) Feartill \( / \) Principles of citical Flug off old formation \( / \) Perforate new formation \( / \) FEB 2 U 1980  WARNIT ISSUED ON \( \frac{August 10}{2} \) . 19 \( \frac{70}{2} \) Oll & GAS INSPECTOR FOR FMLS.5A6.0v.U.ON \( The Philips of Philips of Phy Hole on Philips of Philips of Phy Hole of Congleted with Verbal Philips of Philips of Congleted with State of Philips of Congress of Congres	Addres	e Sr	mithvil	lle WV	1 261	78		DESIGNATED AT	Conthasia.	Haught
Other physical change in well (specify)  FEB 277 1980  WARNIT ISSUED ON August 10 , 19 79 OIL & GAS INSPECTOR FOR \$203,546,500 JULION  OF APPLICABLE: PLUGSING OF DRY HOLE ON CONTINUOUS PROGRESSION PROW DELLING OR PROWNEND. VERRAL PERMISSION OFFATNED  Address Middlebourne, MV 26149  Phone: '92-19/3'  ROLDGICAL TARGET FORMATION: Big Injun & Weir Depth of completed well, 3304 Feet Rotury x / Cable Torls  Water strats depth: Fresh, Feet; salt, Feet  Coal seam depths: Bone Is coal being fined in the area? No Work was commenced August 13, 19 79, and completes August 22 12, 15  ASSING AND TUBING PROGRAM  MAINT OF Star Grade per fillew Used For drilling Left, in well (Cable Fresh Nater 10 3.44 X 351' 351' 150 3acks  Call to a provide the season of the seas	7,547,65							Address	SMI CHAILTE,	¥V 251·8
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PER 29 1980		.0	ther ph	nysical	chang	e in	well (specify	)	777	4
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### Phone: 759-45/3  ###################################							OR			
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Final open flow, Mof/d Final open flow, Eb1/d	Intermediate Inoduction Cubing Iners  PEN FLOW DA Product Ga St [If app	41/2 47/2 47/4 47/4 47/4 47/4 47/4 47/4 47	mation itial o nal ope Time ock pre	pen flow, of ope ssure, o multi	Big	pomple	un & Weir Mcf/d Mcf/d  ween initial a sig (surface r	2577'  Oil: Tritial  Final c  and final tes  measurement)	isy acte de: We open flow, pen flow, 8 hours after 12 hou	Depths set    Ferforstions:
sharing plant A may be destroyed and the state of the sta	Intermediate Production Cubing Liners  OPEN FLOW DA Production Ga St  [If app	41/2 42/2 ATA ing formas: In: Fin thic replicable product	mation itial o nal ope Time ock pre e duc : ing for	pen flow, of openssure, o multimation	Bigow, 525	200 p	un & Weir Mcf/d Mcf/d Mcf/d  ween initial a sig (surface r tion]	2577'  211: Tritial  Final connd final tes measurement)	isy ache de: We open flow, pen flow, ts, 8 hours after 12 hou	Denths set    Ferforations:
	Intermediate Inoduction Subing Iners  Product  Ga  St  [If app Second Ga	41/2 42/2 ATA  ing formulas: In:  Fin  thtic replicable product as: In:	mation itial o nal ope Time ock pre e duc : ing for itial c	pen flow, of ope ssure, o multimation pen flo	Big ow, for flow 525 iple co	200 pipple	un & Weir Mcf/d  Mcf/d ween initial a sig (surface r tion]	2577'  211: Initial  Final connd final tes measurement)	isy ache de: We open flow, pen flow, 8 hours after 12 hours after 12 hours after flow, pen flow,	Depths set    Ferforations:
Static rook pressure, psig (surface measurement) after hours shut in	Intermediate Institution Cubing Iners  PPEN FLOW DA Product Ga  St  [If app Second Ga	41/2 42/2 47/4 47/4 47/4 47/4 47/4 47/4 47	mation itial o nal ope Time ock pre e duc : ing for itial o nal ope Time	pen flow, of ope ssure, o multi mation pen flow, of ope	Bigow, ow, 525 iple co	pomple	un & Weir Mcf/d  Mcf/d  Mcf/d  Mcf/d  Mcf/d  Mcf/d  ween initial a	2577'  Oil: Initial Final c and final tes measurement)  Oil: Initial Final c	fay some derivers open flow, after 12 hours open flow, after 12 hours open flow, aren flow, aren flow, bours	Depths set    Ferforations:

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

Hydrafraced by Halliburton 9-27-79 -- 1700 Gal. Acid-- 1131 Bbls. Water 45,500 Lbs. 20/40 Mesh Sand -- 14,500 Lbs. 80/100 Mesh Sand

Perforations

10--2535--2532

WELL LOG

14--2440--2354 8--2105--2050

FORMATION	Color	Hard or Soft	おが Top Feet	Bortom Feet	Remarks Including indication of all from and salt water, coal, oil and
Red Rock			0	20	
irmd			20	40	
Shale			40	68	
Cand			68	. 84	
Red Rock		<b>]</b>	84	102	
Thale		1	102	120	İ
led Rock			120	129	
land	-		129	135	
and Rock			135	150	
Shale			150	165	
red Rock			165	180	
Mhale			180	190	
led Rock		1	190	220	
hale			220	245	
and			245	260	
ed Rock			260	270	
nad			270	290	
hale			290	325	
and			325	420	
nad			420	530	
ed Rock			530	552 502	
and			552	593	
ed Rock	· [		593	611	
and			611	664	
hale			664	770	
and			770	806	•
nale			806	892 899	
ed Rock			892 899	980	
hale Ed Rock			980	1023	
			1023	1080	
male ed Rock			1080	1115	
ed nock male			1115	1530	
and			1530	1580	
and hale			1580	1720	
and			1720	1800	
hale	<u> </u>	į	1800	1845	
and			1845	1908	
. Lime			1908	1920	
. Cave			1920	1935	
. Lime			1935	2025	
ig Injun			2025	2109/	Oil & GAs @ 2090
and			2109	2196	
Shale		1	2196	2350	
Sand			2350	2510	
Shale			2510	2560	
Snad			2560	2610	
Shale			2610	2668	
Sand			2668	2900	
Shale		1	2900	3175	
Sand			3175	3225	
Sand & Shale			3225	3304	T. D.

NCTE: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geologial record of all formations, including coal, encountered in the drilling of a wall"

Glenn	L.	Haught	&	Soms

Well Operator

By

Its Partner

FORM IV-2 (Obverse)

## STATE OF WEST VIRGINIA

<b>3</b> .	TWIL	OF WE	JI V.	IVGTI	ATW	
DEPARTMENT	OF	MINES,	OIL	AND	GAS	DIVISION

Date:	8-9		1
Operat	or's u o	10	

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Well No.	- H.	-810		
APİ Well	No.	47 -	095	_ 072

	<u>0.12 / m.e. / m.e.</u>			API Well No. 47 - 095 - 07
WELL TYPE: 0	il <u>X</u> / Gas <u>X</u> /			State County Per
•	If "Gas", Production X / Und	erground st	orage/	Deep/ Shallow_X/)
LOCATION: E	levation: 1137' Wate	rshed: G	rimms Run of	Sancho Creek
D	istrict: Centerville Coun	ty: Tyler	Q	uadrangle: Middlebourne, WV 7½'
WELL OPERATOR	Glenn L. Haught & Sons	I	DESIGNATED AG	ENT <u>Warren R. Haug</u> ht
Address	Smithville, WV 26178		Address	Smithville, WV 26178
			•	
OIL & GAS ROYALTY OWNER	Melvin Wiley		COAL OPERATOR	
Address	Box 68		Address	
	Logan, WV 25601			
Acreage	377	 (	COAL OWNER(S)	WITH DECLARATION ON RECORD:
SURFACE OWNER	Melvin Wiley	1	Name	
	Box 68		Address	34 1. 188
	Logan, WV 25601			Missis Company
Acreage	377		Name :	40
	F MADE) TO:		Address	AUG 1 0 1979
		•		
		· · · (	COAL LESSEE W	OIL & GAS DIVISION
				DEFI. OF MINES
OTI. & GAS INS	SPECTOR TO BE NOTIFIED	-		
	Tracey	•		
Address				
Addi ess	Mineral Wells, WV 26150	•		
	Phone: 758-4573	<del></del>	•	
The	undersigned well operator is en	ntitled to	operate for o	il or gas purposes at the above
location unde	er a deed/ lease X_/ o	other contr	act/ da	ted <u>August 20,</u> , 19 <u>77</u> , to th
undersigned v	well operator from Melvin Wiley	у .		
[If said deed	d, lease, or other contract has l	been record	ed:]	
Recorded on	August 26 , 19 77 , in the	office of	the Clerk of	the County Commission of Tyler
County, West	Virginia, in Deed Book	213 at	раде 364	. A permit is requested as follows
PROPOSE	D WORK: Drill X / Drill deeper	r/ Red	rill/ Fr	racture or stimulate/
	Plug off old formation_	/ Per	forate new fo	ormation/
	Other physical change is	n well (spe	cify)	·
			<del></del>	
	planned as shown on t	he work ord	er on the rev	verse side hereof.
The	e above named coal operator, coa	l owner(s),	and coal les	ssee are hereby notified that any
objection the	ey wish to make or are required	to make by	Code § 22-4-3	3 must be filed with the Department
of Mines with	hin fifteen (15) days after the	receipt of	this Applicat	tion by the Department.
Co	pies of this Permit Application	and the enc	losed plat ar	nd reclamation plan have been mailed
by registere	d mail or delivered by hand to t	he above na	med coal oper	rator, coal owner(s), and coal less
on or before	the day of the mailing or deliv	ery of this	Permit Appl:	ication to the Department of Mines :
Charleston,	West Virginia,			
	T COPIES OF ALL			

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHAELESTON, WV 25311

TELEPHONE: (304) 348-3092

BLANKET BOND

Glenn L. Haught & Sons

Its Partner

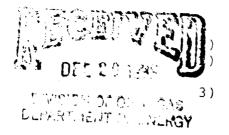
### PROPOSED WORK ORDER

## THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

Fresh water 8 5/8 K-55 208 X 200' 200' 75 sacks  Coal  Intermediate  Production 4½ J-55 10.58 X  Tubing  Liners  NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filled with the Department, accompanied by (5) a plat in the form prescribed by Regulation 11, (6) a bond in one of the forms prescribed by Regulation 12, or in Nicu thereof the other security allowed by Code \$ 22-4-2, (6) Form IV-3, "Reclaration Flat", applicable to the reclamation required by Code \$ 22-4-2, (6) Form IV-3, "Reclaration Flat", applicable to the reclamation required by Code \$ 22-4-2, (6) Form IV-3, "Reclaration Flat", applicable to the proposed well.  A separate Form INTERNATION	DRILLING CON	TRACTO	R (IF )	(NOWN)		G:	lenn L. Haugh	nt & Sons			
Estimated depth of completed well, 3150   feet   Rotary X   Cable tools   Approximate water strata depths: Presh, 75   feet; salt,	<b>2,1,2,2,1</b> ,1,2		, , , ,								
Approximate depth of completed well, 3150											
Approximate depth of completed well, 3150					0		0 F41 C				
Approximate water strata depths: Presh, 75 feet; salt, feet.  Approximate coal scan depths: None is coal being mined in the area? Yes is X acan depths: None is coal being mined in the area? Yes is X acan depths: None is coal being mined in the area? Yes is X acan depths: Provided the feet in veril could rest.  Casino or Recommendate is a second of the provided in the coal intermediate is a second of the provided that the original and four copies of the production at 2 Just 10.58 X and 3150' 100 sacks Denths set.  Tubing liners  MOTE: Regulation 7.08 of the Department of Mines provides that the original and four copies of the production at 2 Just 10.58 X and 3150' 100 sacks Denths set.  MOTE: Regulation 7.08 of the Department of Mines provides that the original and four copies of the production at 2 Just 10.58 X and 10.58 X and 10.58 X are security allowed by Code 5 22-4-124 and Regulation 81 feet in the form prescribed thereof the other security allowed by Code 5 22-4-124 and Regulation 81 feet in the provided by Code 5 22-4-124 and Regulation 82 feet in the proposed world the feet prescribed by Code 5 22-4-124 and Regulation 82 feet in the proposed world set in the context of the proposed world set in the context of the proposed world set in the context of the proposed world set in the context of the proposed world set in the context of the proposed world set in the set of the proposed world set in the set of the proposed world set in the set of the proposed world set of the proposed world set of the proposed with an accordance with the set of the proposed world set of the proposed world set of the proposed with a set of the proposed with a proposed with a proposed with a proposed with a proposed with a proposed with a proposed with a proposed with a proposed with a proposed with a proposed with a proposed with a proposed with a proposed with a proposed with a proposed with a proposed with a proposed with a proposed to be done at this location, provided, the well orcrator has centiled with all coation, provide								14 / A A A A A A A A A A A A A A A A A A			
CASING AND TUBING PROGRAM  CASING OR SPECIFICATIONS FOOTAGE INTERVALS CEMENT FILL-UP (A SACKS TUBING TYPE Size Grade per ft New Used For drilling Left in well (Gubic Test)  Conductor Size Grade per ft New Used For drilling Left in well (Gubic Test)  Conductor Size Grade per ft New Used For drilling Left in well (Gubic Test)  Conductor Size Grade per ft New Used For drilling Left in well (Gubic Test)  Conductor Size Grade per ft New Used For drilling Left in well (Gubic Test)  Conductor Size Grade per ft New Used For drilling Left in well (Gubic Test)  Conductor Size Size Grade per ft New Used For drilling Left in well (Gubic Test)  Conductor Size Size Size Size Size Size Size Size										Cable tools_	/
CASING OR TUBING PROGRAM  CASING OR TUBING TYPE  Size Grade per ft New Used For drilling Left in well (Cubic Text)  Conductor  Presh water 8 5/8 K-55 206 X 200' 200' 75 Sacks  Coal  Intermediate  Production 4½ J-55 10.56 X 3150' 100 Sacks Depths set  Tubing  Liners  NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form 17-2 must be filed with the Department, accompanied by filed plat in the fore precentled by Regulation 11, fill a bond in one of the forms precentled by Regulation 12, or in lieu thereof the other security allowed by Code 5 22-42, fill) From 17-3, "Reclamation Flant", previously prid on the same will. the fee required by Code 5 22-42, fill) From 17-3, "Reclamation Flant", previously prid on the same will. the fee required by Code 5 22-422, and for) it is under the consent required by Code 5 22-424 from the owner of any water well or duelling white the consent required by Code 5 22-424 from the owner of any water well or duelling white the consent required by Code 5 22-424 from the owner of any water well or duelling white the consent required by Code 5 22-424 from the owner of any water well or duelling white the consent required by Code 5 22-424 from the owner of any water well or duelling white the consent required by Code 5 22-424 from the owner of any water well or duelling white the consent required by Code 5 22-424 from the owner of any water well or duelling white the consent required by Code 5 22-424, file from the form for the form											v
CASIMO OR TOPING TYPE  Size Grade per fit New Used For drilling Left in well Could's feet Conductor  Presh water 8 5/8 K-55 206 X 200' 200' 75 sacks  Coal  Intermediate  Production 4	Approxi	mate c	oal sea	am depth	ns: _	NO	Is o	coal being mi	ned in the area	? Yes	No.A
Conductor  Presh water 8 5/8 K-55 208 X 200' 200' 75 Sacks  Coal  Intermediate  Production 4½ J-55 10.58 X 3150' 100 Sacks Depths set  Tubing  Liners  MOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form JV-2 suct be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 12, or in lieu thereof the necessary and lowed by Good 25 25-45 (fil) from JV-3 must be received by 25 4-45 (fil) from JV-3. The American Plat", previously paid on the same one of the forms prescribed by Regulation 12, or in lieu thereof the proposed well.  A separate form JV-2 the filed with the Department of Mines provides that the original and four copies of Form JV-3 mechanism Plat", previously paid on the same one of the forms prescribed by Regulation 12, or in lieu thereof the proposed well.  A separate by Code \$25-4-8 (fil) from JV-3, The American Plat", previously paid on the same one of the proposed well.  A separate form JV-2 the Code the work for which a permit is sought one is not while file the proposed well.  A separate form JV-2 the Code plate work for which a permit is sought one is not provided by Code is location to hereby approved all provinces being in accordance with the paid the work for which a permit is sought one of the W. Va. Code, in location to hereby approved all provinces being in accordance with the permit while permit the sought of the W. Va. Code, in location to hereby approved and the series of the permit where first the permit was presented of declaration under code \$25-40. If the permit is to be issued within fifteen (is) days of reacting thereof:  WAIVEE  The understructed coal operator owner owner lessee of the coal under this well operator by the coal under this well control has examined this perposed well location. If a make map exists which covers the series of the coal work proposed to be done at this location provided, the well operator by all the coal under this permit work of the work tyrinia Code and the governing regu	CASING AND T	UBING	PROGRAI	м .							·
Size Grade per it New Used For drilling Left in well (Cubic feet)  Kinds  Fresh water 8 5/8 K-55 200 X 200' 200' 75 sacks  Coal  Intermediate  Froduction 4½ J-55 10.5# X 3150' 100 sacks Depths set  Tubing  Liners  Form IV-2 wast be filed with the Department, accompanied by (i) a plat in the fore presented by Regulation 11, (ii) a bond in one of the forms presented by (i) a plat in the fore presented by Regulation 11, (ii) a bond in one of the forms presented by Regulation 12, or in lieu thereof the other security allowed by Code 5 22-4-22 (fix) Form IV-2, while following the connecting regulation 12, or in lieu thereof the other security allowed by Code 5 22-4-21ba and Regulation 22, or in lieu thereof the other security allowed by Code 5 22-4-2-24-10 and Regulation 12, or in lieu thereof the other security allowed by Code 5 22-4-2-4-10 and Regulation 22, or in lieu thereof the other security allowed by Code 5 22-4-2-4-10 and Regulation 12, or in lieu thereof the other security allowed by Code 5 22-4-2-10 and Regulation 22, or in lieu thereof the proposed well.  A separate by Code 5 22-4-30 and Regulation 22, or in lieu where fracturing many being in coordinate and the form from the other lieu for the proposed well.  A separate by Regulation 10, which a permit is sought and is notified by Regulation 12, or in lieu where fracturing and the second well. This permit shall expire it for the permit is sought and is notified by Regulation 12, or in lieu where fracturing and the second of the Regulation 12, or in lieu where fracturing and the second of the Regulation 12, or in lieu where fracturing and the second of the Regulation 12, or in lieu where fracturing and the second of the Regulation 12, or in lieu where fracturing and the second of the Regulation 12, or in lieu where fracturing and the second of the Regulation 12, or in lieu where fracturing and the second of the Regulation 12, or in lieu where fracturing and the second of the Regulation 12, or in lieu where fracturing and the second of the Regulation 12,		I					FOOTAGE	INTERVALS		PAC	KERS
Fresh water 8 5/8 K-55 208 X 200' 200' 75 sacks  Coal  Intermediate  Production 4½ J-55 10.58 X  Tubing  Liners  NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filled with the Department, accompanied by (5) a plat in the form prescribed by Regulation 11, (6) a bond in one of the forms prescribed by Regulation 12, or in Nicu thereof the other security allowed by Code \$ 22-4-2, (6) Form IV-3, "Reclaration Flat", applicable to the reclamation required by Code \$ 22-4-2, (6) Form IV-3, "Reclaration Flat", applicable to the reclamation required by Code \$ 22-4-2, (6) Form IV-3, "Reclaration Flat", applicable to the proposed well.  A separate Form INTERNATION	TUBING TYPE	Size				Used	For drilling	Left in well			**************************************
Intermediate  Production 4½ J-55 10.58 X 3150' 100 Sacks Depths set  Tubing Liners  NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form precribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or ni lieu thereof the other security allowed by Gode 5 22-4-22, (iii) Form IV-2, "Reclamation Flam", applicable to the reclamation required by Gode 5 22-4-22, (iii) Form IV-2, "Reclamation Flam", applicable to the reclamation required by Gode 5 22-4-12 and Regulation 23, (iv) unless previously paid on the same will, the fee required by Code 5 22-4-12 and Negulation 23, (iv) unless previously paid on the same will, the fee required by Code 5 22-4-12 and Negulation 23, (iv) unless previously paid on the same will, the fee required by Code 5 22-4-12 and Negulation 23, (iv) unless previously paid on the same will, the fee required for fracturing or stimulating a well where fractions must be proposed well.  A separate Form polything is to be part of the work for which a permit is sought and is notified which will be proposed well.  All provisions being in occations hereby opproved of the W. Va. Code, the location is hereby opproved.  All provisions being in occations hereby opproved of the W. Va. Code, the location is hereby opproved.  The polything wather must be rempleted by the coal operator and by any coal course or coal lessee who has recorded a declaration under Code 5 22-4-20, if the permit is to be issued within fifteen (18) days of receipt thereof:  The undersigned woal operator — owner — lessee — of the coal under this well reation, has examined this proposed to be done at this location, provided, the well operator has compiled with all opplicable requirements of the West Virginia Code and the governing regulations.	Conductor									Kinds	**
Intermediate  Production 4½ J=55 10.5# X 3150' 100 sacks Depths set  Tubing  Liners  **NOTE: Regulation 7.0% of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form precented by Regulation 12, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code 5 22-4-2, (ii) Form IV-9 "Reclamation Flam", applicable to the reclamation required by Code 5 22-4-2, (iii) Form IV-9 "Reclamation Flam", applicable to the reclamation required by Code 5 22-4-12b and Regulation 23, (iv) unless previously prid on the same well, the for required by Code 5 22-4-12b and Regulation 23, (iv) unless previously prid on the same well, the for required by Code 5 22-4-12b and Regulation 23, (iv) unless previously prid on the same well, the for required by Code 5 22-4-12b and Regulation 23, (iv) unless previously prid on the form IV-2 fine them for a province with the proposed well.  A separate Form IV-2 mine that the owner of any mater well or deathing duell where fracturing unless that this is to be part of the work for which a permit is sought and is not provinces being in accretance  All provinces being in accretance  All provinces being in accretance  All provinces being in accretance  The following valuer must be completed by the coal operator and by any coal converge or coal lessee who has recorded a declaration under Code 5 22-4-20. (if the permit is to be issued within fifteen (IS) days of reachy thereof:  The undersigned coal operator  The undersigned coal operator is fleat on the map map exists which covers the area of the callounder this proposed to be done at this location, provided, the well operator has no objection to a work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.	Fresh water	8 5/8	8 K-55	20#	Х		200'	200'	75 sacks		
Production 43 J=55 10.58 X 3150' 100 sacks Depths set  Tubing  Liners Performing  Top Botton  WOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form preceribed by Regulation 11, (ii) a bond in one of the forms preacribed by Regulation 12, or in the thereof the other security allowed by Code 5 22-4-22, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code 5 22-4-22, (iii) Form IV-9, "Reclamation Flan", applicable to the reclamation required by Code 5 22-4-22, (iii) Form IV-9, "Reclamation Flan", applicable to the reclamation required by Code 5 22-4-22, and will applicable, the accusest required by Code 5 22-4-26 from the owner of any mater well or availing which will be required from the Form IV-2 which is not required to the proposed well to the proposed well as the part of the work for which a permit is sought and is not pulse of the proposed will be called in the Form IV-2 will be provided and the Form IV-2 will be provided and the form IV-2 will be provided and the provided being in accordance of the W. Vo. Code, has location is hereby approved  All provided being in accordance of the well and accordance of the code of the W. Vo. Code, has location is hereby approved and the provided by the code of the W. Vo. Code, has location is hereby approved and the provided by the code of the W. Vo. Code, has recorded a declaration under Code 5 22-4-20, if the permit is to be issued within fifteen (1s) days of reactify thereof:  The undersigned coal operator / lessee / of the coal under this well coation, the well location has been added to the mine map. The undersigned has no objection to every proposed be done at this location, provided, the well operator has compiled with all applicable requirements of the West Virginia Code and the governing regulations.	Coal									Sizes	
Elners    MOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (1) a plat in the form precentied by Regulation II, (ii) a bond in one of the forms precentibed by Regulation II, (ii) a bond in one of the forms precentibed by Regulation II, (iii) a bond in one of the forms precentibed by Regulation II, (iii) a bond in one of the forms precentibed by Regulation II, or in lieu thereof the other security allowed by Code § 22-4-12, (iii) Form IV-3, "Reclamation Flam", applicable to the reclamation required by Code § 22-4-12a, and (n) if amplicable, the previously prid on the same well, the fee required by Code § 22-4-12a, and (n) if amplicable, the previously prid on the same well. The fee required for any water well or destination, which a permit is sought and the required for the proposed well.    A separate Form   Fee	Intermediate								·		
Liners    Performing   Performing   Performing	Production	41/2	J <b>-</b> 55	10.5#	Х			3150'	100 sacks	Depths set	
NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (1) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu therefore to the rectifications by Code 5 22-2-2, (iii) form IV-3 "Reclanation Flan", previously paid on the same world, the fee required by Code 5 22-4-12a, and (iv) unfilted the consent required by Code 5 22-4-12a, and of destination of the previously paid on the same world. The form the owner of any water well or desting within 200 feet of the proposed well.  A separate Form IV-2 translation for requiring or stimulating a well where fracturing MIST the last of the work for which a permit is sought and is not MIST the form the Form IV-2 frame happened for the rewith.  All provisions being in accordance with the form the work for which a permit is sought and of the W-Va Code, the location is hereby approved.  All provisions being in accordance with the same operator and by any coal owner or call lessed who has recorded a declaration under Code 5 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:  WA I VE COME The Commenced by A I See Of the coal under this well coalion, the well location has been added to the mine map. The understand has objection to every proposed to be done at this location, provided, the well operator has compiled with all prilicable requirements of the West Virginia Code and the governing regulations.	Tubing		·					·			• •
NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Rogulation II, (ii) a bond in one of the forms prescribed by Regulation I2, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9 "Reclaration Flar", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, ((v)) unless previously paid on the same well, the feer required by Code § 22-4-12a and (n) if suplimite, the consent required by Code § 22-4-8a from the owner of any water well or dualling within 200 feet of the proposed well.  A separate Form IV-100 flat the Street required for fracturing or stimulating a well where fracturing in most of the Street of the Form IV-2 flat Chapter thraction therewith.  A separate Form IV-100 flat the Street required for fracturing or stimulating a well where fracturing in accordance where the sum of the street of the Street of	Liners									Perforation	s:
Form IV-2 must be filed with the Department, 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 § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12 and Regulation 23, (iv) unless previously prid on the same well, the fee required by Code § 22-4-12a, and (n) if applicable, the consent required by Code § 22-4-12a, and (n) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or duelling within 200 feet of the proposed well.  A separate Form IV-10 that INHO THE ISTE Where I fracturing and IV-10 that INHO THE ISTE Where I fracturing a permit is sought and is not INHO THE ISTE WHATE I STEED THE WORLD THAT I THE PROPOSED THE PROPOSED THE STEED THE PROPOSED T								·		Top	Botton.
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The following valuer must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:  \[ \frac{\text{W} \text{ A I V E R}}{ L M B B B B B B B B B B B B B B B B B B	Form by Rc there appli previ the cc 200 fo	IV-2 m gulati of the cable ously onsent eet of fract; tFHIS28 All pro of the	ust he on 11, other to the paid o require the prosecutions W. Von dri	filed (ii) a securi reclam n the si recposed ate Forn the F on the F being in a. Code, t	with bond ty all ation ame well well corm accor he loc	the Din of lowed required. \$ 22-1. \$ 22-1. \$ 22-1. \$ 22-1. \$ 22-1.  This p	repartment, acome of the form  by Code § 22  ired by Code  the fee requides  THE WELL SITE  to be part action to be part action  find the Chapter of the control of the control  to be served approved the control of th	companied by ms prescribed 4-2, (iii) 1 § 22-4-12b ar red by Code 9 owner of any aired for frafthe work for the work for the rew	(i) a plat in to by Regulation Form IV-9, "Reclud Regulation 23 22-4-12a, and water well or cturing or stime.	he form pres 12, or in li amation Plan (iv) unles (v) if ampli duelling wit	caribed eu i", is catte, hin
	or is  The coation has  ill locations are work pro-	ne foll coal coal ne unde sexami on, the	lessee issue ersigne ned the well to be	waiver who had withing decal d	must s rec n fi  opera osed n has this	be coccorded freen ator well so beer so local	ompleted by the language of th	n under Code receipt there  R  less a mine map mine map. d, the well	§ 22-4-20, if the exists which coursed one rator has con-	the permit  coal under vers the are has no obje	a of the ction to
				10			-			and the second s	

Ву \_

Page 1 of <u>8</u>
Form WW2-A
(09/87)
File Copy



Date: November 22nd, 1989		
Date: November 22nd, 1989 Operator's well number		
WILEY WELL NO. 1		
API Well No: 47 - 095	_	0726 <b>-DD</b>
State - County	_	Permit

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

### NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4)	Surface Owner(s) to be served:	5) (a) Coal Operator:
	(a) Name <u>Melvin Wiley</u>	Name
	Address Box 68	Address
	Logan, WV 25601	
	(b) Name	(b) Coal Owner(s) with Declaration
	Address	Name
		Address
	(c) Name	
	Address	Name
		Address
6)	Inspector Glen P. Robinson	(c) Coal Lessee with Declaration
0,	Address Rt. 1, #6 Mt. Pleasant Est	Name
	Minoral valle MV 26150	
	Mineralwells, WV 26150	Address
	Telephone (304)- 489 - 2736	
	TO THE PERSON(S) NAMED AS	BOVE TAKE NOTICE THAT:
	Included is the lease or leases or	other continuing contract or
cont	racts by which I hold the right to	
COHL	Taces by which I hold the right to	and he observe 220 Article 1
	Included is the information requir	
Sect	ion 8(d) of the Code of West Virgir	nia (see page 2)
	I certify that as required under (	Chapter 22B of the West Virginia Code
	I certify that as required under t	Shapeer 22b or ene webe virginia oode
I ha	ve served copies of this notice and	dapplication, a location plat, and
acco	mpanying documents pages 1 through	<pre>8 on the above named parties, by:</pre>
ucco	Personal Service (Affidavit a	
	XX Certified Mail (Postmarked po	
	Publication (Notice of Public	cation attached)
	I have read and understand Chanter	r 22B and 38 CSR 11-18, and I agree
	I have read and understand chapter	it is and so can it io, and I agree
to t	he terms and conditions of any perm	nit issued under this application.
		at I have personally examined and am
fami	liar with the information submitted	d on this application form and all
		iry of those individuals immediately
*000	consible for obtaining the informati	ion, I believe that the information
		ion, i believe that the intolkation
15 (	rue, accurate, and complete.	
	I am aware that there are signific	cant penalties for submitting false
info	ermation, including the possibility	of fine and imprisonment.
	Well Operator	Jav-Bee Oil & Gas Co.
	By:	Kinka
	Its:	Operations Manager
	Address	1720 Rt., 22 Fast
	Addless	
		Union, NJ 07083
	Telephone	XXXX (201) 686 - 1493
Subs	cribed and sworn before me this 221	nd day of <u>November</u> , 19 <u>89</u>
	Greamy U. Smith	Notary Public
Mar	commission expires 12-7-92	<del></del>
ny C	Ounterprint expires // IE-1-7E	

095 726 D Page 3 of 8

	STI	ATE OF	WEST	VIRGIN	ΙIΛ		ssue	d 1	119/9	D
DEPARTMENT	OF	ENERGY		ISION		OIL	AND	GAS		

			WELL W	ORK PERMIT	APPLICATIO	N Expures	1/19/92			
1)	Well Op	erator:_	JAY-BEE 0	IL & GAS CO.	427 20	1410 (1)	470			
2)	Operato	r's Well	Number:_	WILEY WELL	NO. 1	3) E:	levation: 1137'			
4)				or Ga		, de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	<b>(</b>			
		(b)	If Gas:	Productio Dee	n <u>X</u> / Underg P/	round Storac Shallo	ge/			
5)	Propose	d Target	Formatio	n(s):A	lexandria 439	)				
6)	Propose	d Total i	Depth:	5995	feet					
7)	Approxi	mate fres	sh water	strata dep	ths:	110'				
8)	Approxi	mate salt	water d	epths:		N/A				
9)	Approxi	mate coal	seam de	pths:		N/A				
10)	Does la	nd contai	n coal s	eams tribu	tary to act	ive mine? Y	/es/ NoX/			
11)	1) Proposed Well Work:									
12)				DEEPER !	REEL TAN	Muzu	all l			
	CASING AND TUBING PROGRAM FREE CHESINGHIA									
 LAB	E	<u> </u>	PECIFICA	TIONS	FOOTAGE II	NTERVALS	CEMENT			
		Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)			
Con	ductor	2/1/			•	1				
Fre	sh Water	1034	USED		- /14	351	150 Salso			
Coa	1	7"	NOW		10	1962	25 Ducks			
Int	ermediate		SE	EXISTING -	SEE A TACH	BO WELL RECORD				
~ Pro	duction	45	New			2511	GeDaho			
Tub.	ing									
% Line	ers					- 1	ECERVE			
PACE	PACKERS : Kind									
		es ths set					DIVISION 22 -			
12:		F	er, Diviso	n of Oil a	nd G <del>as</del> ) Use		DIVISION OF OIL & GAEPARTMENT OF ENER			
26/3	<i>7</i>   Fee(s) p	( _	U	ork Permit		amation Fund				
水	Plat	1 WW-9	WW-			ett Sop	Agent			
57				·, D		Type)	- Ayenc			

### STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS WELLS DIVISION

### AFFIDAVIT OF PLUGGING AND FILLING WELL

mailed to each coal open			OIL & GAS CI	0
Coal Operator or O	√ner			
Address		<u> </u>	. 22 EAST, UI Complete Address 12/	14 19 <u>91</u>
Conl Operator or O	vner		ELI. AND LOCATION	
		CENTERV	ILLE	_ District
Address		TYLER		County
Lease or Property	Owner		47-095-00726	
Address			TIEV	
	MIVE			Farm
ATE INSPECTOR SUPERVISING	G PLUGGING HIKE	ONDENWO	30	
	AFF1DA	VIT		
TATE OF WEST VIRGINIA,	<b>55</b> :			
ounty of		and JII	4 I AYFIELD	
RANDY BRO	ording to law depo	se and say th	at they are experi	enced in the
ling (irst duly sworn accords of plugging and filli	ng oil and gas wel	is and were e	employed by JAY-	ing and fill
, well, the above well, that o	ald work was comme	nged on the	31ST day of	<u>OČTOBER                                    </u>
rk of plugging and filli , wel  g the above well, that o  , and that the wel	I was plugged and	filled in the	following manner:	
and or Zone Record	Filling Mat	grini	Plugs Used	Casing
and of zone vecors			1 1089 0000	
			Size & Kind	
Formation	Gelled W		-	PULLED LEFT LIFT
Formation 304 to 1970			-	
Formation 304 to 1970 970 to 1870	Gelled W	ater	Size & Kind	PULLED LEFT LIFT
Formation 3U4 to 1970 970 to 1870 870 to 562		ater	Size & Kind  Cement	1974 610
Formation 304 to 1970 970 to 1870 870 to 562	Gelled W	ater	Size & Kind	7" 562 1400
Formation 3U4 to 1970 970 to 1870 870 to 562 62 to 462	Gelled W	ater	Size & Kind  Cement	1974 610 7" 562 1400
Formation 304 to 1970 970 to 1870 870 to 562 62 to 462	Gelled W	ater	Size & Kind  Cement	7" 562 1400
Formation 3U4 to 1970 970 to 1870 870 to 562 62 to 462 62 to 100	Gelled W	ater	Size & Kind  Cement  Cement	7" 562 1400
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Formation 304 to 1970 970 to 1870 870 to 562 662 to 462 462 to 100 100 to 0	Gelled W	ater	Cement  Cement  Cement	7" 562 1400 10 7 4 351 351
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