

[08-78]

RECEIVED

Dec. 22 , 19 81 Date: \_\_ Operator's J-592 Well No. \_ API Well No. 47 - 017 -3058 | State County | Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION DEC 2 4 1981

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

B DIVISION WELL OPERATOR'S REPORT NT OF MINES OF ORILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

Ť							tershed: Ari		Deep/ Sh	
		District	: Wes	st Uni	on	35	unty: Dodd:	ridge Qu	adrangle: West	Union
.:									James R. V	
*	Address							Address	P.O. Box	× 48
	, 4441 233	B							Buckhai	
				1						_
?	ERMITTED WO								111/ Frac:	ture or stimula
							_/ Perforat			
		05:	er phy	sical o	hange	in w	vell (specify)			
	PERMIT ISSU	ED ON	11/	4		, 19_	81	OIL & GAS INS	PECTOR FOR THIS	WORK:
	(IF APPLICA	BLE: PL UCUS PRO	UGGING	OF DRY	HELE	ON T	AR I		e Casey	
	REWORK	UGUS PHO ING. VE	RBAL P	ermissi	011 0E	TAINE	Ď.		Rt. # 2, Box	
									Jane Lew, W	
									Depth 4945-	
									able Tools	<del></del>
							t; salt,]		<b>47</b> -	
	Coal :	seam dept	hs: 60	50 <del>-</del> 62			_ Is coal be	ing mined in	the area: No	
	Work :	vas comme	nced _	11	/24		, 19 <u>_81</u> ,	and completed	12/2	, 19 <u>8</u>
	CASING AND	י מערבער	ROGRAN	4						
	Cistus OR	11	SPECI	FICATI	ONS		FOOTAGE	INTERVALS	DEMENT FILL-UP	PACKES
	TUBING TYP	5 4 4 6	lanade	Weight	New	Used	For drilling	left in well	OR SACKS (Cubic feet)	
	Conductor	113/4	H <b>←</b> 40	42	х		30	0		Kinds -
-	Fresh wate	- 8 <sup>5</sup> /8	ERW	23	×		934	934	220 sks.	
	Coal	8 <sup>5</sup> /8	ERW	23	x		934	934	220 sks.	Sizes
	Intermedia									
-	Production	11	J-55	10.5	×		5024.30	5024.30	170 sks.	Cenths set
	Tubing		ļ							1
	liners									Ferforetions:
										TOD
		2.71								
	OPEN FLOW					` _	Benson		Pay zone depti	4945-48
	Fruci								l open flow,	
									open flow,	
		• •				No.	-acceptants		ests, 4 hour	
		Static r							after <u>96</u> ho	
	* * * •	:pplicabl	e iue	to mult	iple	comp l	etion]			
									Pay zone dept	<u> </u>
		Gas: In	nitial	open fl	Low, _	······································	Mcf/d	Cil: Initia	il open flow,	
									open flow,	
									ests, hour	
								- messurement	, after ho	urs shat in
e I	Pressure	Static:	rock p	essure.	·				=1525 x 2.72 <sup>0</sup>	

## FORM IV-35 (Reverse)

[08-78]

CETAILS OF PERFORATED INTERVALS, FRACTURING OF STITULATING, PHYSICAL CHANGE, ETC.

Benson: 4945-48 (12 holes)

Fracturing: 200 sks. 80/100 sand; 700 sks. 20/40 sand: 940 Bbls. fluid.

## WED1 100

FORMATION	Color	Hard or Soft	Too Feet	Bottom Feet	Remarks Including indication and salt water, cos	n of all freen
Top Soil Sand & shale Red rock and shale Red rock, sand & shale Red rock and shale Shale and sand Coal Sand and shale Red rock, sand and shale Red rock, sand and shale Big Lime Sand and shale Shale Sand & shale Shale Sand & shale Shale & sand Benson Sand & shale Alexander Sand & shale	e		0 10 90 200 600 610 660 662 740 1115 1910 1990 2375 2470 3200 4945 4948 5070 5085	10 90 200 600 610 660 662 740 1115 1910 1990 2375 2470 3200 4945 4948 5070 5085 5117 T.	Hole damp @ 519 Gas Ck @ 2125 Gas ck @ 2681 Gas ck @ 3081	5' 16/10-2" w/wate 169,000 cu.ft.
	-	•				

(Attach separate sheets to complete as necessary)

				J	Enterpr	ises,	Inc.		
•	4e.l	Operat	:O:		. A.				
		Ø		$\not Z$	110				
Эу			2	$\mathcal{T}$	M BOOK				
		Pete	er	Bâ	ittles				
It:	·					Geol	ogist		

NOTE: Regulation 2.32(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geologial record of all formations, including soal, encountered in the irilling of a well."

TO A TO B STORY		'01 100 AV 110 av 110	<b></b>		
FCRM IV-2 (Obverse)	DEPARTMENT	TATE OF WEST VI	RGINIA AND GAS DIVISION	Date: No	ovember 2 , 19 <sup>81</sup>
[08-78]	OTT. AND	GAS WELL PERMI	E A PILL T CAMPAGA	Operator's Well No.	J-592
		TRO WELL TERM	r armitearion	API Well No.	47 - 017 - 3058
WELL TYPE: 011					State County Permi
(If "Gas	s", Production X	Underground s	torage/ D	eep/ Sh	zllow/)
LOCATION: Elevation	on:	Watershed:	Arnolds Creek		
District	: West Union	County: Dodd:	ridge Quad	rangle: West	Union
WELL OPERATOR J&	J Enterprises, Inc.	<b>~</b>	DESIGNATED AGENT	James R. Wi	llett
Address		-	Address	P. O. Box	
	Buckhannon, WV 262	201	Address		on, WV 26201
		Annual An	—		
OIL & GAS ROYALTY OWNER Clare	ence & B.A.Hurst/A.I	F.Hanes	COAL OPERATOR	None	
Address Rt.#	2,Box 106 /P.O.	. Box 381	Address		
Penn	sboro, WV 26415/King	=	Address		
Acreage 86.	50	<del>9</del> 8346	COAL OWNER(S) WIT	TU DECLARATION	
URFACE OWNER Mide	dle Island C.L.M.S.	Assoc.		Betty Hurst/A.	
Address J.	Y. Longacre			2,Box106 /P.	0 Box 381
Apt.	1303, Euclid Ave.,We	eirton, WV 26	062		Kingston, Wash.
Acreage 86.5	)		Iom o	26415	98346
TELD SALE (IF MADE)	TO:	4			
umeUnknown		•	nddress		
Address		(	COAL LESSEE WITH	DECLADAMION	N. DEGODD
-			lame None	***************************************	ECEPTER
IL & GAS INSPECTOR	TO BE NOTIFIED		Address		
ameSteve Cas		•	Address		NOV = 4 1981
Address Rt.	# 2, Box 232-D		-	Č	DIL AND GAS DIVISION
Ja	ne Lew, WV 26378			·	WV DEPARTMENT OF MINES
The unders	igned well operator i	s entitled to c	perate for oil c	or gas nurnoses	s at the shave
ocation under a deed	d/ lease	_/ other contra	ct X / dated	March 12	81 to the
ndersigned well oper	rator from Petro-En	nterprises, In	C .		
If said deed, lease,	, or other contract h	as been recorde	d;]		•
ccorded on Marc	h 28 , 19 81 , in	the office of t	he Clerk of the	County Commiss	Doddridge
ounty, West Virginia	a, in Deed B	lookll9 at.	p:45c 602	l permit is rec	mestad as fallows.
PROPOSED WORK:	Drill x/ Drill de	epe <b>r/</b> Redr	ill / Fractu	re or stimulat	X /
	Plug off old formati				
	Other physical chang			·	
			-		AND ASSESSMENT OF THE PARTY OF
	planned as shown o	n the work orde	r on the reverse	side hereof.	
The above r	named coal operator,				
ojection they wish t	o make or are requir	ed to make by C	ode \$ 22-4-3 mus	t be filed wit	th the Department
f.Mines within fifte	een (15) days after t	he receipt of t	his Application	by the Departm	ent
	this Permit Applicati				
gregistered mail or	delivered by hand to	o the above nam	ed coal operator	coal owners	nave been marred
or before the day	of the mailing or de	livery of this	Permit Applicati	on to the Dane	o, and coal lesses
narleston, West Vir:				on to the Depa	a chenc of Mines a.
DÉASE SUBMIT COPIES EQPHYSICAL LOGS DIRE		•			e de la companya de l
EST VIRGINIA OIL AND			J & J Enterpris	, A	. Niko
CONSERVATION COMP	HESTON		1 1	Well Operator	
MRLESTON, WV 25311			X A	(H)	
ELEPHONE: (304) 348	1-3092	Ву	Peter Battles		
	Permitten den den general de grande de g	Its	Geologist		

## PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:

ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

·						lling Company		
				Address	P.O. Box 48			
					Buckhannon	, WV 26201		
GEOLOGICAL '	TARGET	FORMAT	ION,	Benso	on			
						feet	Rotary X /	Cable tools/
Approx	imate w	ater s	trata d	epths:	Fresh, 50	feet; salt,	None feet.	//
Approx	imate c	oal se	am dept	hs: No	one Is	coal being mi	ned in the are	as Yes/ NoX
CASING AND				•				. •
CASING OR		SPEC	IFICÁTI	ONS	₩ FOOTAGE	INTERVALS	# CENTRAL TITLE	-11
TUBING TYPE	Size	g .	.Weight	1 1	Ti de la companya de		CEMENT FILL-U OR SACKS (Cubic feet)	
Conductor	11/4	H-40	42	х	. 30	0	0 sks.	Kinds
Fresh water	8 <sup>5</sup> /8	ERW.	23	х	1300	1300	250 sks.	Kinds
Coal	8 <sup>5</sup> /8	ERW	23	x	1300	1300	250 sks.	Sizes
Intermediate	e l							01303
Production	4½	J~55	10.5		4750	4750	325 sks.	Depths set
Tubing	1							
Liners								Perforations:
-								Top Botton
by Re there appli	egulati eof the icable	on 11, other to the	(ii) a securi reclam	bond in ty allowed	one of the for	rms prescribed	by Regulation	the form prescribed 12, or in lieu
the c 200 f  This puhere is no  All provisions of the W. Vo  for dri  operations have  Deputy Dir  The continuation has well location to the work pro-	fractive of as being in code, as to be under to proposed	require the present of the local such of the loc	te Form  The I  ance within is he his permi  by 7  Division  waiver who ha d withi  i coal is prop Locatio done at	Code § 22 well.  IV-2 shelating it form IV-2 h Classer reby approished expi -6482  must be a s recorde n fifteer operator on has bee ithis loc	-4-8a from the  all not be req  all not be part of  filed in conn  22,  wed  re if  completed by 1,  ed a declaration (15) days of  WAIVE  / owner  location. I	ired by Code § owner of any uired for frace f the work for ection therewi on under Code receipt there    lesse f a mine map e	a Regulation ? 22-4-12a, and water well or cturing or stim which a permit th.  or and by any \$ 22-4-20, if of:  e / of the xists which con he undersigned	3, (iv) unless (n) if annitaite, duelling within ulating a well t is sought and