



1)	Date: 9/	20		, 1984
2)	Operator's Well No	TV-	103	
	API Well No.	47	079	1124
		State	County	Permit

OIL & GAS DIVISION DEPT. OF MINES

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

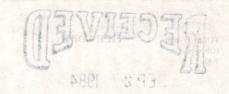
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OIL & GA							9) DRILLING C		1
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Addres			te		30x		Address	P. O. Box	419
	Ma	mlin	WV	1/	523			Wichita	Falls 7x 763
PROPOSE	ED WELL	WORK:	Drill		_/ Dril	l deeper	/ Redrill	/ Stimulate	
			Plug of	if old f	formatio	n/ Perfe	orate new formation	/	
			Other p	hysical	change	in well (specify)			
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12) Estim				4	450	fee	et		,
13) Appro	ximate trat	a depths:	Fresh, _	130	0-1	90 feet; sa	lt, 850 -	feet.	
14) Appro					-		coal being mined in th	e area? Yes	/ No.
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permit cove	ering the we	ell operato	or and well	l location	and on th	ne reverse hereof. N	otification must be s	ed to drill in accordangiven to the District Oil	ce with the pertinent legal re
permit coverements subject to t	ering the we	ell operato onditions c	or and well contained l	l location herein a	and on the pits for	ne reverse hereof. N	otification must be a	ed to drill in accordangiven to the District Oil	ce with the pertinent legal re
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FORM IV-2(B) Reverse

A 8 01

FILE COPY ON USW 19A (8





OIL & GAS DIVISION.

DEPT. OF MINE

OFFICE USE ONLY

PERMIT MO	DDIFICATIONS A			PROPOSED WELL WO	RK
F Buffelo Orecl	Brews C		Undergrout	B (If "Gas", Production Flevation: 733.1	LOCATION
	Oundrangles		Comme	Dienice W. W.	
PRAY	EDAGENT H.G.		& Gas Inc.	RATOR TECNER DIL	WELLOPE
10832 VW	Chraleston	Address		1901 Karashe Charleston W	Address
27 - 11	CONTRACTOR DVILLE			INSPECTOR TO BE NOTHER	
PTA	P.O.B.K	Name 1	- 130x Z8		Name
Folk TX 7163	of white		22553		2 CO 110 DES
V	Stronglate	Rednii	A Drill deeper as	WELLWORK, DIE V	
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		9Lor	Marcellus SI		
		re)	4450		
		850-	30-190 100	materrata depihst tresh,	
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	100 cm ft.	OFFICE	USE ONLY	3//2	gold
by parme	00100/10				
This part of Form IV-2(b) is to record the d	lates of certain o	occurrences and any foll	low-up inspections.	
	D	ate		Dat	e(s)
		7 142	Follow-up inspection	n(s)	-
application received		1/11.7			
		ERMIT	DRIGING ,		
Vell work started	Santophur 21		" DRIKTING		
Vell work started	September 21		DRIKTING ,		្រាស់ number
Vell work started	ng				
Vell work started Completion of the drilling	nga magnooda ki ili ib or belii 110 pilatata edi ed tagig	oe of permission gra	allor shown below is evident	ngethe well operator and well lo- to the conditions contained here	is permit coveri irements subject
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DATE 9/20/84

WELL NO. T.V. 103

API NO. 47 - 079 - 1/24

OIL & GAS DIVISION DEPT. OF MINES

Bepartment of Mines Gil und Gas Bivision

CONSTRUCTION AND RECLAMATION PLAN

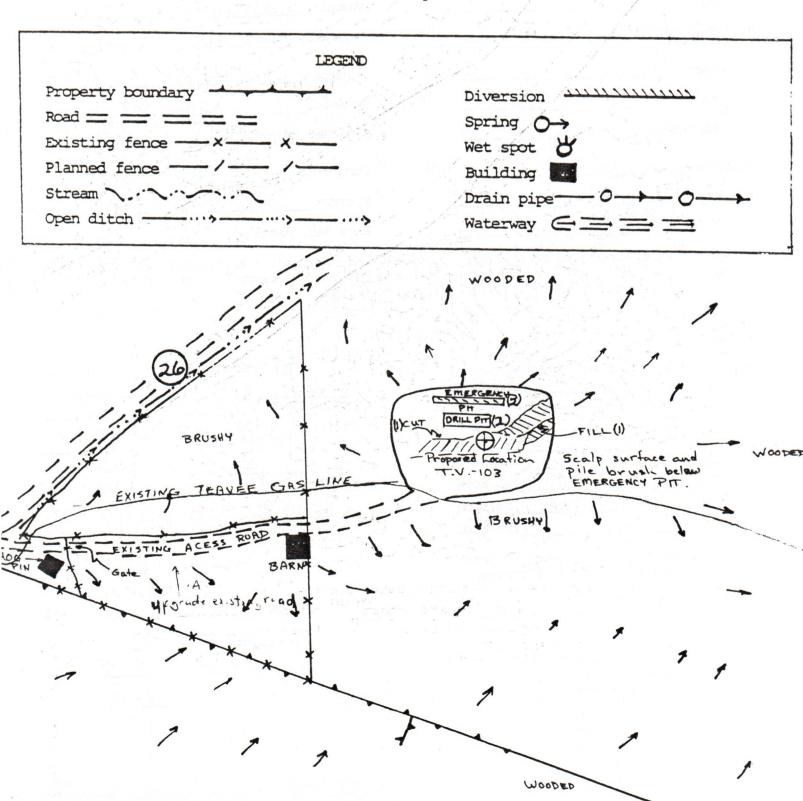
,			
COMPANY NAME Teavee Oil & Gas In	ic.	DESIGNATED AGENT H. G. May	
Address 1901 Kanawha Valley	Bldg.	Address 1901 Kanawha Valley Blo	da.
Telephone 342-2125		Telephone 342-2125	3
LANDOWNER Dorsel H. Cobb		SOIL CONS. DISTRICT Western	
Revegetation to be carried out by_	н. с.	May (Ager	7+1
This plan has been reviewed by			
and additions become a part of this p	THE R. P. LEWIS CO., Land Low, Low, Low, Low, Low, Low, Low, Low,	9/20/84	
		Steven & Fless	
		(SCD Agent)	
ACCESS ROAD		LOCATION	
Structure Upgrade existing road	(A)	Structure cut and fill	(1)
Spacing	_	Material existing soil	
Page Ref. Manual	_	Page Ref. Manual	
Structure	(B)	Strastana dud 11 i and 1	
	_ (2)	Structure drilling pit	(2)
Spacing	-	Material existing soil	
Page Ref. Manual	-	Page Ref. Manual	
Structure	(C)	Structure emergency waste water	(3)
Spacing		pit. Material existing soil	(3)
Page Ref. Manual	<u>.</u>	Page Ref. Manual	
cut and removed from the site befor	STACKED ON	k begins.	
Lime 2 Tons/ac		Treatment Area II	
or correct to pH	Te	Lime 2 Tons/accorrect to pH	æ
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Mulch 2 Tons/ac	re	Mulch 2 Tons/acc	
Seed* 40 lb. Ky. 31 Fescuelbs/acr	e	Seed*401b. Ky. 31 fescue lbs/acre	
51b. Ladino Clover lbs/acr	e	Ladino Clover lbs/acre	
lbs/acr	е	lbs/acre	
*Inoculate all legumes such as vetch inoculate with 3% recommended amount.	h, trefoil	and clovers with the proper bacterium.	
	PINN PRE	TRARED BY Duane Bowers	
SCIES: Please request lawformere!		ATDRESS P.O. Box 27	_
seedling for one growing season. Attach separate sheets as		Winfield WV 25213	
necessary for comments.	F.	FONE NO. 586-2151	

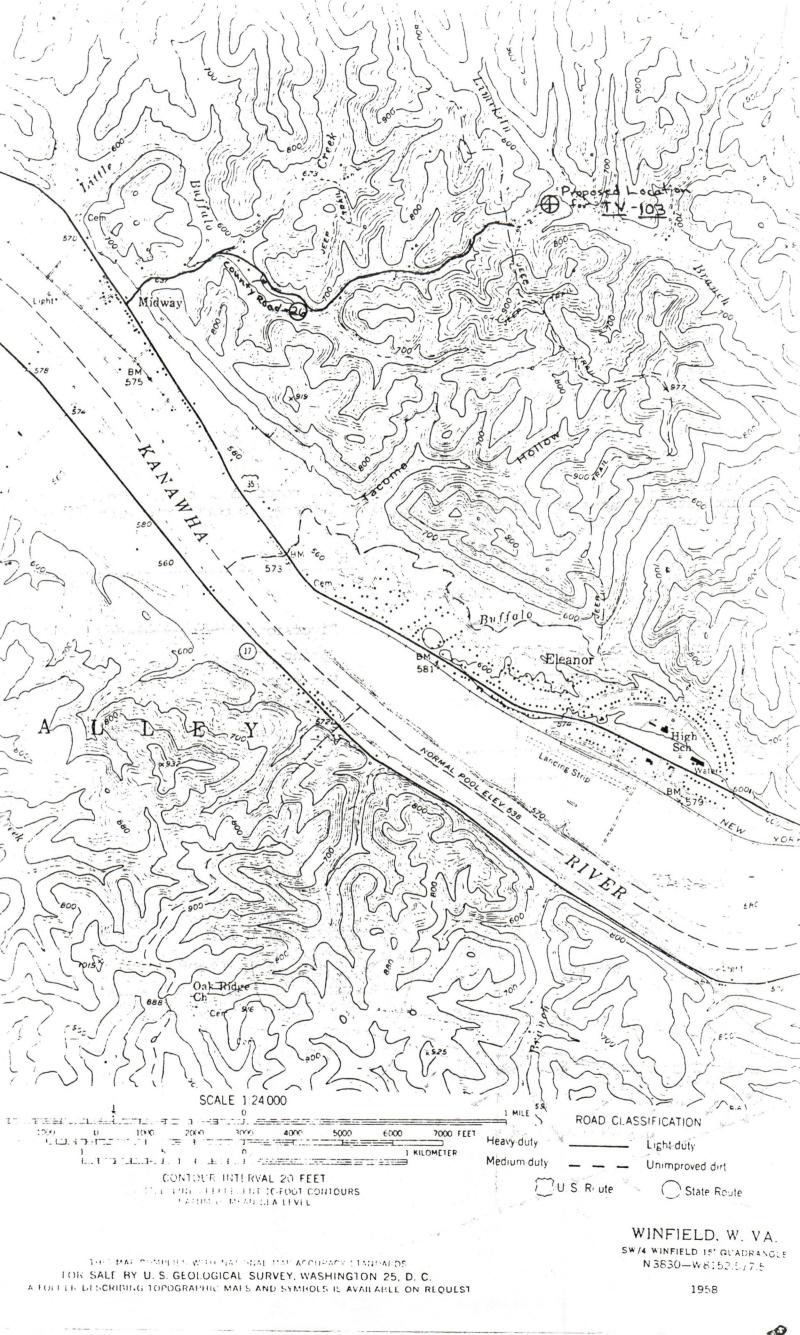
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE WINFIELD WV

LEGEND
Well Site
Access Road ———

WELL SITE PLAN

ketch to include well location, existing access road, roads to be constructed, wellsite, irilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.





SURFACE OWNER'S COPY



1)	Date:	20		_, 1984
2)	Operator's Well No.	TV-	103	
3)	API Well No.	47	079	1124
		State	County	Permit

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

				A	PPLICAT	IUN FUR A W	ELL WURK PERN	111	
4) WELL TY	PE: A C	oil	/ Ga	as					
	B (I	f "Gas",	Production	n		_/ Undergroun		/ Deep	/ Shallow/)
5) LOCATIO	N: Ele	evation: _	733.	1 +4		_ Watershed:	Literate Hiller	Breamb C	A Buttelo Leect
		AND RESIDENCE OF THE PARTY OF T	1 10162	THE STREET SHOWN			Partisans	Quadrangle: _	Winfield
6) WELL OP	ERATOR_	# C- YE	the Di	1 //	Cross.	Trans.	7) DESIGNAT	ED AGENT	May
Address	61	CONTRACTOR OF SAME	40.00	WV	754	Edda .	Address	Charlends,	W/V 7 = 307
8) OIL & GA	S INSPEC	TOR TO	BE NOTII	FIED			9) DRILLING	CONTRACTOR:	
Name	Derry	Hic	Jerny				Name	FWA DO	line Co.
Address	RL	and R	4 1	+ 73	Sun E	<u>Karana an</u>	Address	P.O. Ru	art
	Hic	bolive	WV	- Ty 5	523			Wieldto	Fulls TX 7631
10) PROPOSE	D WELL	WORK:	Drill	V	_/ Drill	deeper	/ Redrill	/ Stimulate	10 ,
			Plug of	f old f	formation_	/ Peri	orate new formati		
						well (specify)_			
11) GEOLOGI	CAL TAR	GET FOR							
12) Estima					450				
13) Appro				130)-14(alt, 7550	feet.	
14) Appro					Supropes		coal being mined in		/ No /
15) CASING A								incured. Tes	
CASING OR			CIFICATIONS		11	FOOTAG	E INTERVALS	CEMENT FILL-UP	PACKERS
TUBING TYPE	GI		Weight		l mad			OR SACKS	I ACKERS
G-1-4	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	
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Fresh water	3 / 28					WE TO CO	## (U (U	to sent tone or	Lineal tends
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									4 0
									# Z
									(on
									U.J.
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								an be issued in less than oluntary Statement of N	

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:	- D. H. Coll S.	Date: 9-21-8"
/ 5 By	(Signature)	9-91-84
ItsDate	(Signature)	Date: /

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.

		9/	20		1984
	Operato			103	
3)	API Wel	l No.	47	079	1124
			State	County	Peri-

STATE OF WEST VIRGINIA

			DEPARIMENT OF MINES, O	OFFICE OF	OIL & GAS		
	•		NOTICE OF APPLICATION FO	R A WELL	WORK PERMIT		310 40 -
4) SUR	FACE OWN	ER(S)	OF RECORD TO BE SERVED	5(i)	COAL OPERATO	R N. /	•
(i)	Name F	De	orsel H. Cobb		Address		
	Address 1					/A	
			Joure WV 25/68	5(ii)) WITH DECLA	RATION ON RECO
(ii)					Name	/	
	Address				Address	/	
					Name		
(iii)					Address	/	
•	Address_						
	-			5 (iii)	COAL LESSEE V	WITH DECLARA	TION ON RECORD
					Name		
					Address		
		10	THE PERSON(S) NAMED ABOVE: You should have	ve received th	nis Form and the foli	GWIDG GOCIMENTS:	
			 (1) The Application for a Well Work Pento be plugged, which sets out the pand describes the well and its local community program; (2) The plat (surveyor's map) showing the Construction and Reclamation Plugga well), which sets out the plugga well), which sets out the pluggary. 	arties involve tion and, if a he well locati an on Form IV- an for empior	ed in the drilling or applicable, the propo- ion on Form IV-6; and -9)unless the well we	other work, sed casing and ork is only to	
			reclamation for the site and access	road.			
		(PO	THE REASON YOU RECEIVED THESE DOCUMENTS HE ARE SIMMARIZED IN THE "INSTRUCTIONS" OR M IV-2(B) OR FORM 4, DESIGNATED FOR YOU. ION AT ALL.	THE REVERSE	SIDE OF THE COPY OF	THE APPLICATION	
		Consider the constant of the c	artment of Mines, with respect to a well a depicted on attached Form IV-6. Copies of struction and Reclamation Plan have been much to the person(s) named above (or by pure the day of mailing or delivery to the MINESTERN REGERS. MARKETION REGERS.	of this Notice mailed by reginablication in Administrator	e, the Application, the stered or certified management of certain circumstance.	ne plat, and the nail or delivered as) on or	SEP 2
			Included is the lease or leases or othe I hold the right to extract oil or g The requirement of Code 22-4-1-(c)(1)	26		specifics ₹	198
		0	OTALTY PROVISIONS s the right to extract, produce or market r other contract or contracts providing for compensation to the owner of the oil or o the volume of oil or gas so extracted,	or flat well :	royalty or any simila		
			If the answer above is No, nothing ou may use Affidavit Form IV-60.			er is Yes,	
			See the reverse side for line item in the required copies of the Notice and Reclamation Plan.	structions, an Application,	nd for instructions of plat, and Construction	oncerning on and	
			information on the	WELL			_
			ation is verified	OPERA	ATOR Teavee	01/8/9	as Inc.
			the Notice is		11 1 11	111	1/4
			of the Well Operator	By	1/ Count	A L	Ps'
דנו של	County	and S	state by	Its	1 Clack		
this	day of		1901	Add	iress 1901 Ko	nawha Vall	ey Blog.
			expires 1-26, 1992.	Tel	Lephone 342	2125 ZIZS	01
27-	David N	U. K	imbeiling				
NO	tary Pub.	TIC,	Dutyam County,		N 12	11	0041/304
					willia "	Notary Pub	lic
		(AEE	IX SEAL IF NOTARIZED IF OUTS	SIDE THE	STATE)	Notary Fub	
		(VLL	IN SELL II HOLLHITEED IL OOLS		/		1,100

Form IV-2 (A) Reverse

CUSTOMER Ce N515D-F11 2200 BENDEN DR. WOOSTER, OHIO 44691 216-264-2120 PRICE LIST REFERENCE 717-690 717-693 717-678 321-273 717-677 717-769 717-774 717-775 717-773 701-611 717-679 717-680 717-692 717-676 717-771 705-622 717-689 717-684 D-19 GYPCEM SALT CLASS "A" SACKS CLASS "A" BULK T-10 CACL2 SLURRY 61 RETURNED MATERIAL BLENDING CHARGE GILSONITE CELLOFLAKE KCL GEL - BENTONITE THIX O GEL XIM XIHL NOWLITE 2-1-8 50/50 POZ 1-1 WIRE LINE WAITING TIME ON BULK BULK HAULAGE 7.25X MILEAGE STANDBY ON CEMENTER SET UP CHARGE NOWPOZ - FLYASH ADDITIONAL FOOTAGE lee Oil 4 (xes 20115 INVOIGE **MATERIAL & EQUIPMENT** WHITE-HEAD OFFICE 30 COUNTY POIKON Valley Blog Chars, Wille 25302 156 150 QUANTITY GREEN-CUSTOMER COPY 30 ASSOC. NOWSCO REF. NO. × SK SK SK 7 Z H ГВ LB LB LB LB SK SK SK SK SK 景 Ŧ LB LB LB LB 7 CEMENTING INVOICE NO. 13714 STATION MGR. APP. 5.50 406 30 PRICE SERVICE ENG. Barry W P.O. NUMBER QUOTE NO. 825.00 904,00 6750 YELLOW-STATION COPY 140.40 126,90 162,00 DATE 10-7-84 In dicke C 201 STATE W.C. PRICE LIST REFERENCE PINK-HEAD OFFICE M Stratton FLOAT COLLAR/AUTO FILL COLLAR FLOAT SHOE/AUTO FILL SHOE LATCH DOWN PLUG/BAFFLE Barry Williams CEMENT BASKET GUIDE SHOE CENTRALIZERS RUBBER/WOOD PLUG APPLY ONLY IF PAID DISCOUNTS AND/UN QUUIE STAND OF MIHIM MATERIAL & EQUIPMENT SERVICE ORDER NO. C TYPE OF TREATMENT 7 11 The Trumpation CUSTOMER BY I HAVE READ, UNDERSTOOD AND AGREED TO THE TERMS AND CONDITIONS OF THE REVERSE SIDE HEREOF AND REPRESENT THAT I HAVE-FULL AUTHORITY TO ACCEPT SAME AND SIGN THIS ORDER. RECEIPT OF MATERIALS & SERVICES ON THIS ORDER ARE HEREBY ACKNOWLEDGED. GOLDEN ROD-BOOK COPY NAME OF WELL COLD # TOTAL QUANTITY AUTHORIZED AGENT U.O.M. **EMPLOYEE** PRICE 6569

2225,80

DECEIVED

JAN 1 0 1985

OIL & GAS DIVISION

DEPT. OF MINES

WELL SERVICE SERVICE DADER TO 185 Tee Vee 1901 Kon Valley Bly Chars Wil 2500 FW & Squenzer Type of Physics , and Total Depty 2486 and Main Type ... Who were _________________ 2464 Denote 20 1992 Frank Ladinar 150 0-1-0 NEAT 3% Cal. TASING OR LINER DATE 7:18 FW. 4. 50 Start Slurry 7:20 100 Shut Down 3/ 7:30 Displace Plug 100 250 7.55 Shut Down Release Line Presure







OIL & GAS DIVISION
DEPT. OF MINES

FORM IV-35 (Obverse)

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

Date	1/8/85	,	19
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API	Wel	No.	47	- 079	- 1

[08-78]						OF OF		API Wel	No. 47 - 079 - 11: State County Per
		DRILI	LING, F	RACTUI	RING	AND/OR STIM	JLATING, OR F	PHYSICAL CHANGE	State County Per
WELL TYPE:	011	/ G	as Y	/ I	iauid	Injection	/ Wast	e Disposal/	
								7.0	Shallow X A)
								ranch of Buffalo	
								Quadrangle: Wi	
	•					Journey.	2 Oriani	waddianglewj	IIII 1610
WELL OPERATOR	R Tea	vee O	il & G	as, I	nc.	Selling	DESIGNATED	AGENT H. G. Ma	ay
Address	190	1 Kana	awha V	alley	Bldg	. ·	Addre	ss 1901 Kar	nawha Valley Bldg.
	Cha	rlesto	on, WV	253	01			Charlest	ton, WV 25301
PERMITTED WOR	RK: Dr	ill :	X / Cc	nvert		/ Drill de	eper /	Redrill / Fra	icture or stimulate X
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									410000
PERMIT ISSUE	D ON	Septer	mber 2	1	_, 19	84	OIL & GAS	INSPECTOR FOR THI	S WORK: JAN 1 0 385
(IF APPLICAB CONTINU						OR	Name Je	erry Tephabock	OIL & GAS DIVISION 25271 OF MINE
REWORKI					BTAIN	ED	Addre	ess Rt. 1 Box 10	T-RPT OF DIVISION
-			, 19					Ripley WV	25271 MINE
GEOLOGICAL T	ARGET F	ORMATI	ION:	Mar	celli	as Shale		Depth 4	150 feet
Depth o	f compl	eted w	well, _	447	5	feet	Rotary X /	Cable Tools	
Water s	trata d	epth:	Fresh	, Non	e_fe	et; salt	t,feet	t.	
								in the area? N/A	
Work wa	s comme	nced _	10	/3		, 19 <u>84</u>	_, and comple	eted 10/11	, 19 <u>84</u>
CASING AND T	HETMC D	POCDAI	м						
CASING OR	II			ONG		II BOOMAG	P. TUMPDUALS	H on which have	-0
TUBING TYPE	Size 1		Weight	1	1		E INTERVALS	CEMENT FILL-U OR SACKS rell (Cubic feet)	
Conductor	5126	u. aue	per 10	New	osed	FOR drilli	ng bert in w	ell (Cubic leet)	
Fresh water	05/0					-0-	-0-		Kinds
	92/0		40	X		385	385	To surface	Circulated
Coal	7711		20	37		01160	01/60	450.6.1	Sizes
Intermediate	1		20	X	-	2462	2462	150 Sacks	Through Salt Sand
Production	3111		0 0	-	77	lulu Co	111160		Depths set
	25"		9.2	X	X	4462	4462	2000' Fill-u	
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				-					3596 3904
	W Nos				L				
OPEN FLOW DA	ΤA								
Produci	ng form	ation	Brow	m Sha	ale			Pav zone dept	h <u>3596</u> feet
								ial open flow,	
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	. 411							tests, 48 hour	
04	otto no							nt) after 48 hor	
							e measuremer	io) arter 40 no	urs snut in
				-		etion]			
									nfee.
Gas	s: Ini	clal o	pen il	,		MCI/d	Ull: Init	ial open flow,	BpT/q

Final open flow, ____Mcf/d Final open flow,

Time of open flow between initial and final tests, ____ hours Static rock pressure, _____ psig (surface measurement) after ____ hours shut in

FORM IV-35 (Reverse)

[08-78]

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

2 holes - 3596 - 3598 2 holes - 3658 - 3660 4 holes - 3680 - 3692 2 holes - 3902 - 3904

500 gallons of HCL 15% 679,000 SCF of $\rm N_{\rm Z}$ 75% Foam

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Surface Sandstone Shale Sandy Shale Sandstone & Shale Sand Shale Slate & Shells Sand Slate & Shells Sand Slate & Shells Salt Sand Lime Shale Big Lime Sand Slate Big Injun Slate & Shale Coffee Shale BEREA Gray Shale BROWN SHALE White Slate MARCELLUS SHALE			0 40 70 89 200 500 615 745 908 985 1300 1448 1511 1689 1703 1706 1866 1875 1880 1962 2362 2420 3554 3942 4296	40 70 89 200 500 615 745 908 985 1300 1448 1511 1689 1703 1706 1866 1875 1880 1962 2362 2392 2420 3554 3942 4296 4464	Salt Water Salt Water

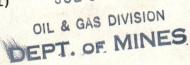
(Attach separate sheets to complete as necessary)

	Teavee	Oil	8	Gas.	Inc.			
We:	ll Opera	tor						****
Ву		-				 		
Its								

Regulation 2.02(i) provides as follows: NOTE:

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







State of Mest Nirginia Bepartment of Mines Gil and Gas Division

Date_ Operat		85		
Well N		ı	rv-1	03
Farm	D.	н.	Cob	b
API No	. 47	- 1	079	-1124

WELL OPERATOR'S REPORT

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

District: Union County Putnam Quadrangle Winfield COMPANY Teavee 0il & Gas. Inc. 1901 Kanawha valley Bldg. Charleston WV DESIGNATED AGENT D. K. Bowers ADDRESS same as above SURFACE CMNER D. H. Cobb ADDRESS Redhouse WV MINERAL RICHTS OWNERB.H. Cobb J. Cobb ADDRESS Redhouse WV OIL AND GAS INSPECTOR FOR THIS WORK C. Hively ADDRESS Elkview WV PERMIT ISSUED 9/21/84 DRILLING COMPLETED 10/03/84 DRILLING COMPLETED 10/03/84 DRILLING COMPLETED 10/08/84 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REMORKING. VERBAL PERMISSION OBTAINED GEOLOGICAL TARGET FORMATION Marcellus Shale Depth of completed well 4475 feet Rotary X / Cable Tools Water strata depths: N/A feet; Salt 1150 feet Coal seam depths: N/A feet; Salt 1150 feet Pay zone depth 3550 fee Gas: Initial open flow 15 Mcf/d Oil: Initial open flow N/A Bbl/	LOCATION: Elevation: 733.1 Watershed I	imekiln Br	ranch of	Buffalo	Creek
DESIGNATED AGENT D. K. Bowers ADDRESS same as above SURFACE OWNER D. H. Cobb ADDRESS Redhouse WV MINERAL RIGHTS OWNERB.H. Cobb J. Cobb ADDRESS Redhouse WV OIL AND GAS INSPECTOR FOR THIS WORK C. Hively ADDRESS Elkview WV PERMIT ISSUED 9/21/84 DRILLING COMPLETED 10/08/84 DRILLING COMPLETED 10/08/84 IF APPLICABLE: PILUGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON GEDLOGICAL TARGET FORMATION Marcellus Shale Depth of completed well 4475 feet Rotary X / Cable Tools Water strata depth: Fresh N/A feet; Salt 1150 feet Coal seam depths: N/A Is coal being mined in the area? NO OPEN FLOW DATA Producing formation Brown Shale Gas: Initial open flow 15 Mcf/d Final open flow N/A Bbl/ Time of open flow between initial and final tests 48 hours Static rock pressure 425 psig (surface measurement) after 24 hours shut is (If applicable due to multiple completion) Second producing formation N/A Pay zone depth read to the completion) Second producing formation N/A Pay zone depth read to the completion) Second producing formation N/A Pay zone depth read to the completion) Second producing formation N/A Pay zone depth read to the completion) Second producing formation N/A Pay zone depth read to the completion) Second producing formation N/A Pay zone depth read to the completion) Second producing formation N/A Pay zone depth read to the completion)					
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20-16 Cord.			Drilling	in well	Cu. ft.
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Gas: Initial open flow 15 Mcf/d Oil: Initial open flow N/A Bbl/ Final open flow 165 Mcf/d Final open flow Bbl/ Time of open flow between initial and final tests 48 hours Static rock pressure 425 psig(surface measurement) after 24 hours shut i (If applicable due to multiple completion) Second producing formation N/A Pay zone depth ree Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/	OPEN FLOW DATA				
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Time of open flow between initial and final tests 48 hours Static rock pressure 425 psig(surface measurement) after 24 hours shut i (If applicable due to multiple completion) Second producing formation N/A Pay zone depth ree Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/	Gas: Initial open flow 15 Mcf/d	Oil: Ini	tial open	flow N/	A Bbl/c
Static rock pressure 425 psig(surface measurement) after 24 hours shut in the state of the state	Final open flow 165 Mcf/d	Fin	al open fi	Low	Bbl/d
(If applicable due to multiple completion) Second producing formation N/A Pay zone depth ree Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/	Time of open flow between ini	tial and fi	nal tests	48 hc	ours
(If applicable due to multiple completion) Second producing formation N/A Pay zone depth ree Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/	Static rock pressure 425 psig(surfa	ace measurem	ent) after	24 hou	rs shut i
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/					
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/	Second producing formation N/A	Pay	zone dept	<u>-</u> h	r.ee.
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DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perforated intervals; 3596-3598 2 shots, 3658-3660 2 shots 3680-3692 4 shots, and 3902- 3904 2 shots

Treated with 75% quality foam, 60,000 lbs. 20/40 sand and 500 gallons HCl 15%

WELL LOG

NATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Clay & Sand	0.0	15	de de la contraction de la con
Redrock	15	740	
White Slate	740	750	
Redrock	750	800	
Sand	800	863	
Slate & Shells	863	1054	**************************************
Sand	1054	1095	
Slate & Shells	1095	1483	8-11
Salt Sand	1483	1661	Salt water
Lime Shells	1661	1680	
Little Lime	1680	1700	
Pencil Cave	1700	1700	
Big Lime	1701	1883	
Keener Sand	1883	1895	
Slate	1895	1900	
Big Injun	1900	1986	
Slate & Shells	1986	2179	
Shale &Slate	2179		
Coffee Shale	2380	2380	
Berea Sand	2391	2391 2419	
Slate & Shells	2419	3000	
Gray Shale	3000		
*BROWN SHALE	3555	3555	
White Slate	3896	3896 4296	GAS
*MARCELLUS SHALE	4296	4460	
*CORNIFEROUS LIME	4460	4461 TD rate sheets as	

*INDICATES ELECTRIC LOG TOPS

TEAVEE OIL & G	AS INC.	
Well Operator		
By: D. K. Bowers	Agent	
Date:	7/1/85	•

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 const, encountered in the drilling of a well."

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TROOP, MOITSESAU LANGE IMSPECTORS OMPLIANCY CONTRACT

PERMIT NO ____ 2/0-212

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Vist Virgilia 25301

DIST. & CHURT WELL TRIES

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OIL & GAS DIVISION
DEPT. OF MINES

State of Mest Birginia

Bepartment of Mines Gil and Gas Division Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT January 23, 1985

COMPANY	Teavee Oil & Gas, Inc.	PERMIT NO	079-1124 (9-21-84
1901	Kanawha Valley Bldg.	FARM & WELL NO	Dorsel Cobb #TV-10
Charl	eston, West Virginia 25301	DIST. & COUNTY	•
RULE	DESCRIPTION	IN YES	COMPLIANCE
23.06 25.04 25.03 16.01 15.03 15.02 15.01 15.04 15.05 23.02 25.01 23.04 23.05 23.07 16.01 16.02 7.05	Notification Prior to Starting Wo Prepared before Drilling to Preve High-Pressure Drilling Required Permits at Wellsite Adequate Fresh Water Casing Adequate Coal Casing Adequate Production Casing Adequate Cement Strenght Cement Type Maintained Access Roads Necessary Equipment to Prevent Was Reclaimed Drilling Pits No Surface or Underground Pollutic Requirements for Production & Gath Well Records on Site Well Records Filed Identification Markings	ste on nering Pipelines	
Your well with Chap	NSPECTED THE ABOVE CAPTIONED WELL As a received and reclamation of the 22, Article 4, Section 2, the for the life of the well.	DATE — 3— on requirements approahove well will remain	ved. In accordance in under bond
			1 & Gas Division 8, 1985





Date: 3-38-85 Well No: TV-103

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

API NO: 47 - 0 >9 - 11 34 State County Permit

Oil and Gas Division NOTICE OF VIOLATION

WELL TYPE:	Oil/ Gas/ Liquid Injection/ Waste Disposal/
	Of "Gas" - Production // Storage / Deep / Shallow //
LOCATION:	Elevation: Watershed:
	District: Unian County: Putnam Quadrangle:
WELL OPERAT	OR TERVER BILL GOS DESIGNATED AGENT H. C. May
Addre	Charleston was 25301
	The above well is being posted this 38 day of 1985, for a follows: (USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)
Run-o-	illing Pits Shall be constructed, Maintained as est legkage & Overflow. To Divert surface water of from the pit. 15 too full lousing pit to over flow.
registered Y ou ar Failur	of this notice has been posted at the well site and sent by certified or mail to the indicated well operator or his designated agent. e hereby granted until 3/1, 1985, to abate this violation. e to abate the violation may result in action by the Department under 7 or Code 22-4-18.
Haul	water from Oil and Gas Inspector
	fill pit Elkviewow 25021
	Telephone: 9/5/0/0

TEN VIED TO TO SEE

OIL & GAS DIVISION DEPT. OF MINES

STATE OF WEST VIRGINIA



Oil and Gas Division

NOTICE OF VIOLATION
WELL TYPE: 0:1 / Gas / Liquid injunction / Waste Disposel / Common of Production // Storage / Deap / Shallow /
LOCATION: Elevation: Watershed:
District UMILD County Dytham Quadrangle:
VELL DEERATOR TEATICE ON Ja Gas DESTIGNATED AGENT H B. May Address 1901 hopewhole of ky montplife, Address Same Charlesting war 35301
The above well is being posted this 38 day of 1888, for a
violation of Code 22-4 /3 and Vor Regulation 33 04 , set forth in detail as fullows: (USE REVERSE SIDE OF THIS NOTICE IF NEGESSARY)
All Drilling Pits shall be constructed, maintained as to Prevent leakage a overflow to Divert sor face water Run-off from the Pit.
Pritis too foll Koosing pit to over flow
A copy of this notice has been posted at the well site and sent by certified queregistered mail to the indicated well operator or his designated agent. You are hereby granted until 3 2 2 1 1973 to above this violation.
Fallure to abare the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.
To Abate and the Inflator
Limited from
Pit + Pill Pit
Telephone: 965-6064





48900

OIL & GAS DIVISION

DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: 3-38-85 Well No: 711-103

No: 47 - 0 79 - 1/94

Oil and Gas Division NOTICE OF VIOLATION

WELL TYPE:	Oil/ Gas/ Liquid Injection/ Waste Disposal/
	Of "Gas" - Production // Storage / Deep / Shallow //
LOCATION:	Elevation: Watershed:
	District: Union County: Potnem Quadrangle:
WELL OPERAT	OR Teg Ver Oil + Gas DESIGNATED AGENT H. B. May
	ss 1901 Kanow be valky Trusk Bldg. Address Same
	Charlestone va. 95301
	The above well is being posted this 38 day of 1985 , for a
violation o	f Code 22-4-19 and/or Regulation 33.03 , set forth in detail as follows:
	(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)
Drillin	9 Bites shall Be Constructed And Maintained
	vent Surface Water Run-off from Carrying
excess	Sedimentation Away from the site
To Abar	
9100	le location + Divent water off site.
А сору	of this notice has been posted at the well site and sent by certified or
	mail to the indicated well operator or his designated agent.
	e hereby granted until 3/7, to abate this violation.
	e to abate the violation may result in action by the Department under
Lode 22-4-1	7 or Code 22-4-18.
	Carlos a Hinely Oil and Gas Inspector
	Address 323 pineh Riley Rd.
	ElKViele, word 350%
	Telephone: 965-6069

IV 27 MAR IS - 1965

OIL & GAS DIVISION DEPT. OF MINES

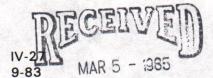


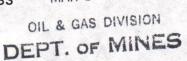
STATE OF WEST VIRGINIA ...

Value: 3-3-8-85
Well No: 70-10-3
API NO: 47-079-1134
State County Permit

Oil and Gas Division

HOTALOW TO HOHOW
WELL TYPE: 011 / Gas / Liquid Injection / Waste Disposal /
of "Gas" - Production // Storage / Deep / Shallow /
LOCATION: Elevation: Watershed:
District: Union County: Putmann Quadrangle
WELL OPERATOR TEG VILL ON IN BOUNDED AGENT H B MALY
Address Pack Kanows on Wyters Ashy. Address Same
Charleston win 35301
The above well is being posted this 38 day of feb 1985 for a
violation of Code 22-4-17 and/or Regulation 33 03 , set forth in detail as follows:
(USE REVERSE STOR THIS NOTICE IF NECESSARY)
Drilling Bites 2 pall Be Constructed And Braintaine
To Previous surface Water Run-off from Carrying
EXTRESS Sedi prentations from the site
To Abote
grade location - Divert water off site
A copy of this notice has been posted at the well site and ser by continued or registered mail to the indicated well operator or his designated agent. You are hereby granted until 3.2. Failure to abote the violation may result in action by the Department while code 22-4-17 or Code 22-4-18.
Carles in their inflector
Address 323 pines Ridge Pd
FIXWILLO, WITH, 3 SOY







STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Date: 9-38-85 Well No: 71-103

API NO: 47 - 079 - 1/94 State County Permit

Oil and Gas Division NOTICE OF VIOLATION

WELL TYPE: Oil / Gas Liquid Injection / Waste Disposal	1
Of "Gas" - Production // Storage / Deep / Shallow_	V1
LOCATION: Elevation: Watershed:	
District: Union County: Putnam Quadrangle:	
WELL OPERATOR TEG VER Oil + Gas DESIGNATED AGENT H. G. May	
Address 190/ Kaneuche Walky Bonk Bldg. Address Same	
Charleston, www 3530/	
The above well is being posted this 38 day of <u>Feb.</u> ,	19 <u>85</u> , for a
violation of Code 22-4-12 and/or Regulation 33.09, set forth in deta	il as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)	
All access Roads shall be constructed an	d Maintaine
To Prevent Excess sedimentation to me	aintain
Natural drainage Areas.	
To Abate	
UP grade Roads, Put ditches + Cross	Drains
A copy of this notice has been posted at the well site and sent by co	ertified or
registered mail to the indicated well operator or his designated agent.	
You are hereby granted until $3/7$, 1985, to abate th	is violation.
Failure to abate the violation may result in action by the Departmen	t under
Code 22-4-17 or Code 22-4-18.	
Canlos w. Hniely Oil and Gas Inspector	
Address 333 Pinch Ridge	Rd.
Ilkviany ww. 350	21
Telephone: 965-6069	7

MAR 5 - 1985

OIL & CAS DIVISION DEPT. OF WINES



Nete: 3-38-85

Well No. 77-103

API NO. 47-079-1/134

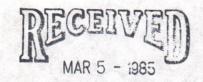
State County Fermit

Oil and Gas Division

WELL TYPE: 011 / Gas / Liquid Injection / Waste Disposal /
of "Gas" = Production of Storage / Deep / Shallow //
LOCATION: Elevation: Watershed
Districts UNION Sources Patron Quadrangles
WELL OPERATOR TOTALE BITO GAS DESIGNATED AUGUS H. C. 1710 4
Address 1901 Kanewho Villey Book 13149. Address 50mc
Charleston, www 35301 -
The above well is being posted this 38 day of Fib 1985, for a
violation of tode 22-4-13 and/or Regulation 33.03. set forth in detail as follows:
AVY (USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)
All Occess Reads 3 Hall be constructed and Maintain
TO Prevent IXERSS SEDIMENTATION to Maintain
Notonal drainage Areas.
to Abote
UP grade Roads putditchesa Choss Drains
大大大大连手上手上,在这些一个大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大
Or Road
Dr. Poad
OP Road A copy of this notice has been possed at the well site and sent by certified on
OP Pood A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operators or his designated agent
OP Road A copy of this notice has been posted at the well site and sent by certified or
A copy of this notice has been possed at the well site and sent by certified or registered mail to the indicated well operation at his designated agent. You are hereby granted until 3/1
A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operation or his designated agent. You are hereby granted until 3/1 1985, to abate this violetion way result in action by the Department under tode 22-4-17 or Code 22-4-18.
A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operation or his designated agent. You are hereby granted until 3/1 1985, to abate this violetion way result in action by the Department under tode 22-4-17 or Code 22-4-18.
A copy of this notice has been possed at the well site and sent by certified or registered mail to the indicated well operation or his designated esent. You are hereby granted until 3/1 1985, to abate this violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.
A copy of this notice has been possed at the well site and sent by certified or registered mail to the indicated well operation of his designated agent. You are hereby granted until 3/1 1985, to abate this violetical failure to abate the violation may result in action by the Department under tode 22-4-17 or Code 22-4-18.

101 sphage - 965-6069







OIL & GAS DIVISION

STATE OF WEST VIRGINIA

DEPT. OF MINES DEPARTMENT OF MINES



Date: 3-98-85	
Well No: 71 - 103	

API NO: 47 - 0 9 1134 State County Permit

Oil and Gas Division NOTICE OF VIOLATION

WELL TYPE:	Oil/ Gas/_ Liquid Injection/ Waste Disposal/
	Of "Gas" - Production / Storage / Deep / Shallow /
LOCATION:	Elevation: Watershed:
	District: Union County: Putnam Quadrangle:
WELL OPERAT	OR Teave Gil & Gas DESIGNATED AGENT H. G. May
	ess Mol Kanawba Walky Ponk Bldg. Address Same
	Chapleston, www 35301
	The above well is being posted this 38 day of 46 , 1985 , for a
violation o	of Code 22-4-12 and/or Regulation 705, set forth in detail as follows:
	(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)
Evel	-y well shall have Attached or stamped
IN a	Permanent Manner an API Number
Consie	st of The State County and Permit Number.
	and Permit Number.
А сору	of this notice has been posted at the well site and sent by certified or
registered	mail to the indicated well operator or his designated agent.
You ar	re hereby granted until $3/7$, 1975, to abate this violation.
	e to abate the violation may result in action by the Department under
Code 22-4-1	7 or Code 22-4-18.
TO Aba	te Carlos co. thirdy 011 and Gas Inspector
	Oil and Gas Inspector
0 4	1sell Address 393 Pine h Ridge Rd.
	IKView www 35071
	71.1 0.1-1.10
	Telephone: 965-6069

OIL & GAS DIVISION



DEPT. OF MINESDEPARTMENT OF MINES

Date 3-38-85 Hell No: 71-103 API NO: 47 = 0.59 1134 State Lounty Permit

Oil and Gas Division NOTICE OF VIOLATION

Liquid Injection / Waste Disposal /	WELL TYPE: 0:1 - / Gas /
tion / Storage / Deep 2 / Shallow /	0f "Gas" - Produc
Watershed:	LOCATION: Elevation: LA
County: Poffing m Guadrangle:	District Market
4 BOS DESTIGNATED AGENT H B. 1270 Y	WELL OPERATOR TO VER OLL
KWBax 18/19 Address Sange	Address 1901 / anouba con
John 3-5301	Charleston u
s being posted this 38 day of Feb 1988, for a	The above well i
dior Regulation 205 , set forth in detail as follows:	
RSE SABE OF THIS NOTICE IF NECESSARY)	(USE REVE
hall have Attached or stamped	Every well si
Manner an APT Number	100 Permanan
420 1120 of 4 1 1 110 12 (16)	Consisted the
tate County and Permit womber	5 341 40 1516
s been posted at the well site and sent by defit field or	A copy of this notice ha
ted well operator or his designated agent.	registered mail to the indica
ncil 3/7	You are hereby granted u
lation may sesult in action by the Department under	Failure to abate the vio
	Code 22-4-17 or Code 22-4-18.
A Low Mark	TOAbate
Carles a thisall	- New York
Address 333 Fine helder Rd	T D apell
	LIEDO O T
Elkhien with 350%	
Telephone: 965 6069	

FORM IV-31 9-83 RECEIVED
MAR 2 7 1985

OIL & GAS DIVISION

DEPT. OF MINES

Date: 3-19-85

Operator's Well Number 7 V 103

API Well No.: 47 - 079 - 1134

State County Permit

916

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

NOTICE OF ABATEMENT

WELL TYPE:	Oil/ Gas/ Liquid Injection/ Waste disposal/
	Underground
	If "Gas" - Production Storage Deep Shallow
LOCATION:	Elevation: Watershed:
	District: Union County: Putnam Quadrangle:
	Teque 01/2805 DESIGNATED AGENT H.B. Mays
Address	Charleston, was 35301 Address Same
	Charleston, was \$5301
on 0-19-	eby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well, 19
The violation of	of Code § 33-4-13 heretofore found to exist on 3-38-, by Form IV-27, "Notice
of Violation"	Form IV-28, "Imminent Danger Order" of that date has been totally abated. If the abated violation was found by
an Imminent Dange	er Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may
resume operations	
COMMENTS	Drilling site hasbeen graded + 150.K.
	0,111119 31, 61, 40 22 61, 7, 1364
	notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated
agent.	
	Carlos w. Hively
	Oil and Gas Inspector
	Address
	Telephone 965-6069
	Telephone 700 600/

FORM IV-31

9-83

1/4

MAR 2 7 1985

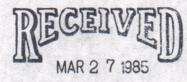
OIL & GAS DIVISION

DEPT. OF MINES

Date: 3-19-85 Operator's TV 103
Well Number 47 ON
API Well No.: 47 County

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION
NOTICE OF ABATEMENT
FULL OF THE PARTY
WELL TYPE: Oil/ Gas Liquid Injection/ Waste disposal/ Underground
If "Gas" Production / Storage / Deep / Shallow / LOCATION: Elevation: Watershed
WELL OPERATOR TO QUEE OLING County PUTDING QUAdrangles WELL OPERATOR TO QUEE OLING BESTEWATED AGENT H. B. HILLYS
Address 1901 Transacta to the yes ax 12 Hg. Address Same
Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 3/5- 19/5- 19/5-
The violation of Code 5 33-4/-3 heretofore found to exist on 2-3 6 , 19 85 , by Form IV-27, "Notice of Violation
an Imminent Danger Order requiring operations to cease, such requirement is hereby resclinded, and the well operator is hereby notified that he may resume operations
COMMENTS O IL C L L L L L L L L L L L L L L L L L
COMMENTS Drilling Site has been graded + 15015
A copy of this nouce has been pasted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.
Carlos a Husely
Oll and Gas Instructor
Address
aggint A
\$ \display \tau \tau \tau \tau \tau \tau \tau \tau

FORM IV-31 9-83



OIL & GAS DIVISION

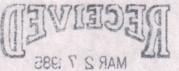
DEPT. of MINES

Date: 3-19-85 Operator's Well Number 7. U. 10 3 API Well No.: 47 County

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

NOTICE OF ABATEMENT

MELL TYPE	
WELL TYPE:	Oil/ Gas/ Liquid Injection/ Waste disposal/
	If "Gas" - Production Deep Shallow Storage Shallow
LOCATION:	Elevation: Watershed:
	District: Upion County: Potpan Quadrangle:
WELL OPERATOR	Teg Vee Oil & Bgs DESIGNATED AGENT H. G. Mgys
Address	1901 Kanewhe ualley Bant Bldg. Address Same
	Charleston wir 25301
The violation o	by given that the undersigned authorized oil and gas inspector made a special inspection of the above named well 1975, 1975, f Code § 37-4-14 heretofore found to exist on 3-38, 1985, by Form IV-27, "Notice Form IV-28, "Imminent Danger Order" of that date has been totally abated. If the abated violation was found by a Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may
COMMENTS	PI vumber has been put on well.
	1 PT WOM DEN 1143 DECIT 1
	notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated
agent.	
	Caplos w. Hunely Oil and Gas Inspector
	Oil and Gas Inspector
	Address
	Telephone 965-6069



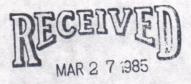
Operator's TU 10 3	W MAR 2 7 1985	FORM IV-31 9-83
API Well No.: 47 County Permit	OIL & GAS DIVISION DEPT. OF MINES	
	with most of AAAAA A to J C and Section	Fi
	STATE OF WEST VIRGINI DEPARTMENT OF WINES, OIL AND	
THENT	NOTICE OF ASATEM	
posal	Gas Liquid Injection Waste dis Underground Seep Loduction Storage Deep	
	on: Watershed: Watershed: Artenshed: Opinon County: Artenshed:	LOCATION: Elevation District VELL OPERATOR ZEQ Address Yell A
tor made a special inspection of the above named well 2.2. The special inspection of the above named well be has been totally abated. If the abated violation was found by ascinded, and the well operator is hereby notified that he may	5 3 - 4 - 1 A heretofore found to exist on min IV-28. "Imminent Danger Order" / of that date	on The violation of Code of Violation" Fo
putionevell	I will ben has been 1	сомменть ДР
distered mail to the indicated well operator or his designated	as been posted at the well site and sent by cenffied or reg	A copy of this notice bagent.
Reference of Coll and Gas Inspector		
	Saddess.	

FORM IV-31 9-83

WELL TYPE:

If "Gas" - Production_

918



DEPT. OF MINES

Oil_____/ Gas____/ Liquid Injection_____/ Waste disposal_

____ Storage____

Underground

Date:	19-	8	5		
Operator's	TU	1	03		
API Well No.:	47		079	-	1194
	State		County		Permit

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

NOTICE OF ABATEMENT

__/ Deep____/ Shallow___/

LOCATION:	Elevation: Watershed:
	District: Union County: Put nam Quadrangle:
	Teg Use 01/7665 DESIGNATED AGENT H. G. Mays
Address	Charleston unt 75301 Address Same
	Charleston, ww 25301
Notice is her	by given that the undersigned authorized oil and gas inspector made a special inspection of the above named well
The violation of	f Code § 33-4-12 heretofore found to exist on 3-38, by Form IV-27, "Notice
of Violation"	Form IV-28, "Imminent Danger Order" of that date has been totally abated. If the abated violation was found by
	er Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may
resume operations	
COMMENTS	
COMMENTS	Pit water has been emptied a back filled.
A copy of this	notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated
agent.	The state of the s
	Carlog & Heriely Oil and Gas Inspector
	Oil and Gas Inspector
	Address
	1.00
	Telephone 965-6669

FORM IV-31

8/10

OIL & GAS DIVISION DEPT. OF MINES

 Date:
 3-19-185

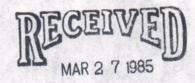
 Operator's
 7/103

 Well Number
 47 - 079 - 1/34

 API Well No.:
 5tate
 County
 Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION
NOTICE OF ABATEMENT
WELL TYPE: Oil Gas Liquid Injection Waste dispose Underground Underground Storage Deep Shallow COUNTY: Blayation: Watershed District: Utilian County: Outry:
Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on Section of Code 5 3 4 1 7 heretefore found to exist on Section of Code 5 3 4 1 7 heretefore found to exist on Section of Code 5 3 4 1 7 heretefore found to exist on Section of Violation was found by of Violation of Code 5 3 5 4 1 7 heretefore found to exist on Section of Code 5 3 5 4 1 7 heretefore found to exist on Section of Code 5 3 5 4 1 7 heretefore for the code for the Code 5 3 5 5 5 7 7 1 heretefore for the Code 5 3 5 5 7 7 1 heretefore for the Code 5 3 5 7 7 1 heretefore for the Code 5 3 5 7 7 1 heretefore for the Code 5 3 5 7 7 1 heretefore for the Code 5 7 1 heretefore for th
commens pit water has been emptical back filled
A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent. Oil and Gas Inspector
Address
Telephone 965-6669

FORM IV-31 9-83



Date: 3-19-85

Operator's Well Number 70 103

API Well No.: 47 - 079 - 1174

State County Permit

OIL & GAS DIVISION

DEPT. OF MINES

STATE OF WEST VIRGINIA

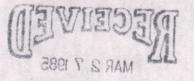
DEPARTMENT OF MINES, OIL AND GAS DIVISION

NOTICE OF ABATEMENT

WELL TYPE:	Oil/ Gas Liquid Injection/ Waste disposal/
	If "Gas" - Production Storage Storage Shallow Market Shallow Shallow Market Shall
	Elevation: Watershed:
WELL OPERATOR	Teg Vee 6:1+ Bas DESIGNATED AGENT H.B. Mays
Address 1	196/Kanaw ha welley Bank Blog. Address Same
<u>.</u>	hardeston uso 5530/
Notice is herel	by given that the undersigned authorized oil and gas inspector made a special inspection of the above named well
on 3-19-	
The violation of	Code § 33-4-13B heretofore found to exist on 3-38 , 19 5, by Form IV-27, "Notice
of Violation"	_/ Form IV-28, "Imminent Danger Order" of that date has been totally abated. If the abated violation was found by
resume operations.	Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may
resume operations.	
COMMENTS	
a	Coess Roadis O.K.
A copy of this n	otice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated
agent.	
	1 1/10
	Oil and Gas Inspector
	Address
	Telephone 96 5-6069

FORM IV-31

PIP



Operator's
Well-Number
API Well No. 47 279 //37
API Well No. Stete County Permit

OIL & GAS DIVISION DEPT. OF MINES

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

NOTICE OF ASATEMENT

	ADALCMENT	TO SUITON	
	/ Waste disposal	Oil Gas Liquid Injection	WELL TYPE:
		Underground	
The second secon	Deep / Shallow	If "Gas" - Production/ Storage/	
		Elevation: Watershee	LOCATION
Quadrangle:	Patnam	District: Union County:	
HE MANE	DESIGNATED AGENT	Teavecail+ Bas	WELL OPERATOR
the state of the s		Belkanow in welley Tens 14th.	
3/11/12	Address	marker traver 25361	ECO IDOC
		138 CE 40 CH 21 23 X 44 FYES	
	a above total and the second	by given that the undersigned authorized oil and	Notice is her
lam bauer avode aut to nonnadeu instant	P applit tothadett cafe c	10 000000000000000000000000000000000000	91-5
48	CP -P	of Code 5 33-4-13 B. heretofore found to	
, 19 () by Form IV-27 "Norice			
ally abated, If the shated violation was found by	of that date has been tot	Form IV-28, "Imminent Danger Order"	of Violation"
the well operator is hereby notified that he may	nt is hereby rescinded, and	er Order requiring operations to cease, such requireme	an Imminent Dang
			resume operations
	11/1	Aldess Roodi's C	
		A. 新工业的 1646年,1766年,1841年,1857年	
o the indicated well operator or his designated	entitled or registered mail to	notice has been posted at the well site and sent by c	A copy of this
			agent
Oil and Gas Inspector	a Carlina		
Oil and Gas Inspector			
	Address		
4909	Telephone 96 5		



REMIT TO P.O. BOX 84737

DALLAS, TEXAS 75284

DIRECT ANY CORRESPONDENCE TO

P.O. DRAWER 1431 **DUNCAN, OKLAHOMA 73536** PAGE 1 OF

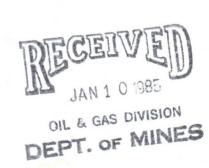
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PERATION OF EQUIPMENT SATISFACTORY?

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AND TICKET CONTINUATION

FOR INVOICE AND 938920

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DECETVED

JAN 1 0 1985

OIL & GAS DIVISION

DEPT. OF MINES



REMIT TO P.O. BOX 84737 DALLAS, TEXAS 75284

DIRECT ANY CORRESPONDENCE TO

PAGE 1 OF A DIVISION OF HALLIBURTON COMPANY INVOICE P.O. DRAWER 1431 FORM 1906 R-8 DUNCAN, OKLAHOMA 73536 WELL NO AND FARM PAGES 94894 103 CHARGE TO DATE DUNCAL USE ONLY CONTRACTOR LOCATION KulewW LOCATION CODE tor 0 DELIVERED TO V C SMITH MANAGEMENT CO 1901 KANAWHA VALLEY BLDG CHARLESTON, WV 25304 LOCATION CODE Dame 816991 ORDER NO BULK MATERIAL DELIVERY B-4265 TICKET NO ac ene OF JOB

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE BUT NEVER TO EXCEED 18% PER ANNUM, IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT BY THE LAST DAY OF THE ANNUM TO EXCEPT AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE ANNUM TO ENFORCE COLLECTION OF SAID ACCOUNT CISTAMEN ACCOUNT.

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OIL & GAS DIVISION

DEPT. OF MINES



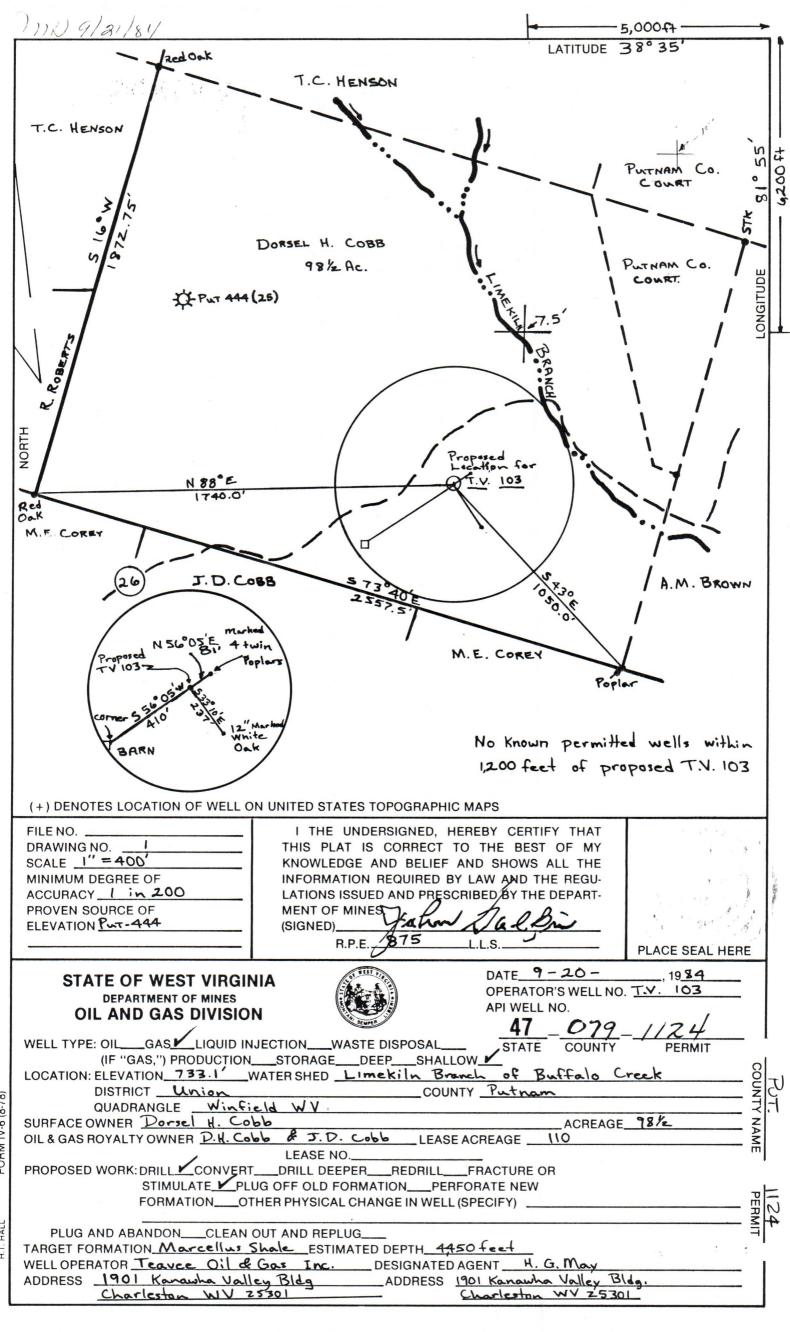
AND TICKET CONTINUATION

FOR INVOICE AND 948947

DATE 10-3-84 CHARGE TO	CUSTOMER ORDER N	0.	WELL NO	3 7,	v.	CO	PUT	MAY	n		STATE W.U	/
U. C. S	mith M	MASONCA	OWNER S	AMP ED FROM		CONTRA	CTOR	IA		No. B	4265	
MAILING ADDRESS 1901 Kar	nawhaVal ston	ley Blda	DELIVER DELIVER	Kyieu Ation	<u> </u>	LOCATIO 100 TRUCK N	325	- RECE	HUN IVED BY	<u>, </u>	Amest	enso
PRICE REFERENCE	SECONDARY REF. OR PART NO	DDE		RIPTION		UNIT	S 1	UNIT		UNIT	AMOU	ντ
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00.306		Mileage Charge	14,5 TOTAL	523 V	3 LOAD	O MILES	To	17.8 NMILES	45	.70	152	49
No. B 426	6594	FORM 1911-R5	REV. 9-81		CAR	RY FORWA	RD TO I	NVOICE	SUB	TOTAL	1306,	59

DEPT. OF MINES

DECEIVED



TUKM 1 V-/U

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

	STATE OF West Virginia. COUNTY OF Putnam:
	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.
	upon the person or organization named County, West Virginia,
	Dorsel H. Cobb
	on the <u>ZI</u> day of <u>September</u> , 1984 in the manner specified below.
	[COMPLETE THE APPROPRIATE SECTION]
	For an individual: 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 partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.
	For a limited partnership: [] Handing it to the general partner, named
	For a corporation: CET Variable it to the corporation's employee
DE	OIL & GAS DIVISION EPT. Taken Ms bed and sworn before me this 21st day of September, 1984. My commission expires 1-26-92
	(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE) Notary Public
	THE TA SELLE TE HOLIMITED TO COLUMN THE THE THE THE TENT OF THE TE

		DEPARIMENT OF MINES	s, OFFICE OF	OIL & (GAS			
		NOTICE OF APPLICATION	N FOR A WELL	WORK P	ERMIT			
4) SU	RFACE OWN	ER(S) OF RECORD TO BE SERVED		1 500	PERATOR	N. /		
(i)	Name F	Dorsel H. Cobb		Addres				
(-/	Address					/A		
		Redhouse WV Z5168	5(ii)		WNER(S)	WITH DECL	ARATIO	N ON REC
(ii)	Name			Name			/	
	Address			Addr	ess			
12221				Name	-			
(111)	Name Address	•		Addr	ess			
	Address							
	-		5 (iii)	COAL I	ESSEE WI	TH DECLAR	TION C	N RECOR
•				Name_				
				Addr	ess			
		(1) The Application for a Well Work to be plugged, which sets our t and describes the well and its cementing program; (2) The plat (surveyor's map) showi (3) The Construction and Reclamatio plug a well), which sets out th reclamation for the site and ac THE REASON YOU RECEIVED THESE DOCIM	ne parties involve location and, if a ing the well location in Plan on Form IV- e plan for erosion cess road.	d in the di policable, on on Form 9)unless t and sedime	rilling or of the proposed IV-6; and the well work ant control a	ther work, casing and is only to and for		
		(FORM IV-2(B) OR FORM 4, DESIGNATED FOR ACTION AT ALL.	S" ON THE REVERSE S YOU. HOWEVER, YOU	ARE NOT RE	COPY OF THE	APPLICATION RE ANY		
		Take notice that under Chapter 22 of erator proposes to file or has filed this for a Well Work Permit with the Administration of Mines, with respect to a weard depicted on attached Form IV-6. Cop. Construction and Reclamation Plan have by hand to the person(s) named above (or before the day of mailing or delivery to	s Notice and Application of the Office all at the location ies of this Notice, een mailed by regis	e of Oil and described the Appli tered or o	accompanying d Gas, West V on attached cation, the	documents Virginia Application plat, and the	SE	
		6) ZURAÇTION RIGHTS				" J 80	U	(2)
		Check and provide one of the following If included is the lease or leases or I hold the right to extract oil The requirement of Code 22-4-1-(c) (other continuing o				2 1984	WIED W
		7) ROYALTY PROVISIONS Is the right to extract, produce or ma or other contract or contracts providi for compensation to the owner of the oi to the volume of oil or gas so extract	rket the oil or gaing for flat well n	s based upo	on a lease or	ZON	E	

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the
Votice and Application is verified
and sworm to and the Notice is
signed on behalf of the Well Operator
in my County and State by

this 2 day of September , 1984.

My commission expires 1-26 , 1992.

Notary Public, Dutyan County,

OPERATOR Teaver Oil & Gas. Inc.

By / but & The By Its President

Address 1901 Kanawha Valley 131dg.

Charleton WV 25301

Telephone 342 - 2125

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. Ecwever, 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 ' 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:

Grantor, lessor, etc.	Grantee, lessee, etc.	Rovalty	Book Page
introlling enterest John D. Cobb	Teavee Oil&Gas I		43/147
/ interest Dorsel H Cobb			