

RECEIVED
FILE COPY

SEP 21 1984



1) Date: 9/20, 1984
 2) Operator's Well No. TV-103
 3) 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
APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas / B (If "Gas", Production / Underground storage / Deep / Shallow) K21E
- 5) LOCATION: Elevation: 733.1 ft. / Watershed: Limekiln Branch of Buffalo Creek
 District: Union / County: Putnam / Quadrangle: Winfield
- 6) WELL OPERATOR Teavee Oil & Gas Inc. / 7) DESIGNATED AGENT H.G. May
 Address 1901 Kanawha Valley Bldg. / Address Charleston WV 25301
Charleston WV 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED / 9) DRILLING CONTRACTOR:
 Name Jerry Holcomb / Name FWA Drilling Co.
 Address Rural Rte 1 - Box 28 / Address P.O. Box 419
Hanlin WV 25523 / Wichita Falls TX 76307
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Marcellus Shale
- 12) Estimated depth of completed well, 4450 feet
- 13) Approximate trata depths: Fresh, 130-190 feet; salt, 850- feet.
- 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes / No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling		
Conductor								Kinds
Fresh water	<u>9 5/8"</u>					<u>400</u>	<u>400</u>	<u>To surface</u> <u>NEAT</u>
Coal								Sizes
Intermediate	<u>7"</u>					<u>2100</u>	<u>2100</u>	<u>Though Salt</u> <u>Sand</u>
Production								Depths set
Tubing	<u>3 1/2"</u>					<u>4450</u>	<u>4450</u>	<u>100 cu ft.</u>
Liners								<u>was required by</u> <u>rule 15.01</u> <u>Bottom</u>

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47 - 079 - 1124 / Date September 21 1984

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires September 21, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent: <input checked="" type="checkbox"/>	Plat:	Casing	Fee
<u>155</u>	<u>MW</u>	<u>MW</u>	<u>MW</u>	<u>6485</u>

Margaret J. Nasse
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

File

IV-9
(Rev. 8-31)

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SEP 21 1984



DATE 9/20/84

WELL NO. T.V. 103

API NO. 47 - 079 - 1124

State of West Virginia
Department of Mines
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Teavee Oil & Gas Inc. DESIGNATED AGENT H. G. May
Address 1901 Kanawha Valley Bldg. Address 1901 Kanawha Valley Bldg.
Telephone 342-2125 Telephone 342-2125
LANDOWNER Dorsel H. Cobb SOIL CONS. DISTRICT Western
Revegetation to be carried out by H. G. May (Agent)

This plan has been reviewed by Western SCD. All corrections and additions become a part of this plan:

9/20/84
(Date)

Steven A. Ellis
(SCD Agent)

ACCESS ROAD

LOCATION

Structure <u>Upgrade existing road</u>	(A)	Structure <u>cut and fill</u>	(1)
Spacing _____		Material <u>existing soil</u>	
Page Ref. Manual _____		Page Ref. Manual _____	
Structure _____	(B)	Structure <u>drilling pit</u>	(2)
Spacing _____		Material <u>existing soil</u>	
Page Ref. Manual _____		Page Ref. Manual _____	
Structure _____	(C)	Structure <u>emergency waste water</u>	(3)
Spacing _____		Material <u>pit. existing soil</u>	
Page Ref. Manual _____		Page Ref. Manual _____	

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Lime 2 Tons/acre
or correct to pH _____
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch 2 Tons/acre
Seed* 40 lb. Ky. 31 Fescue lbs/acre
5lb. Ladino Clover lbs/acre
_____ lbs/acre

Treatment Area II

Lime 2 Tons/acre
or correct to pH _____
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch 2 Tons/acre
Seed* 40lb. Ky. 31 fescue lbs/acre
Ladino Clover lbs/acre
_____ lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY Duane Bowers

ADDRESS P.O. Box 27
Winfield WV 25213

PHONE NO. 586-2151

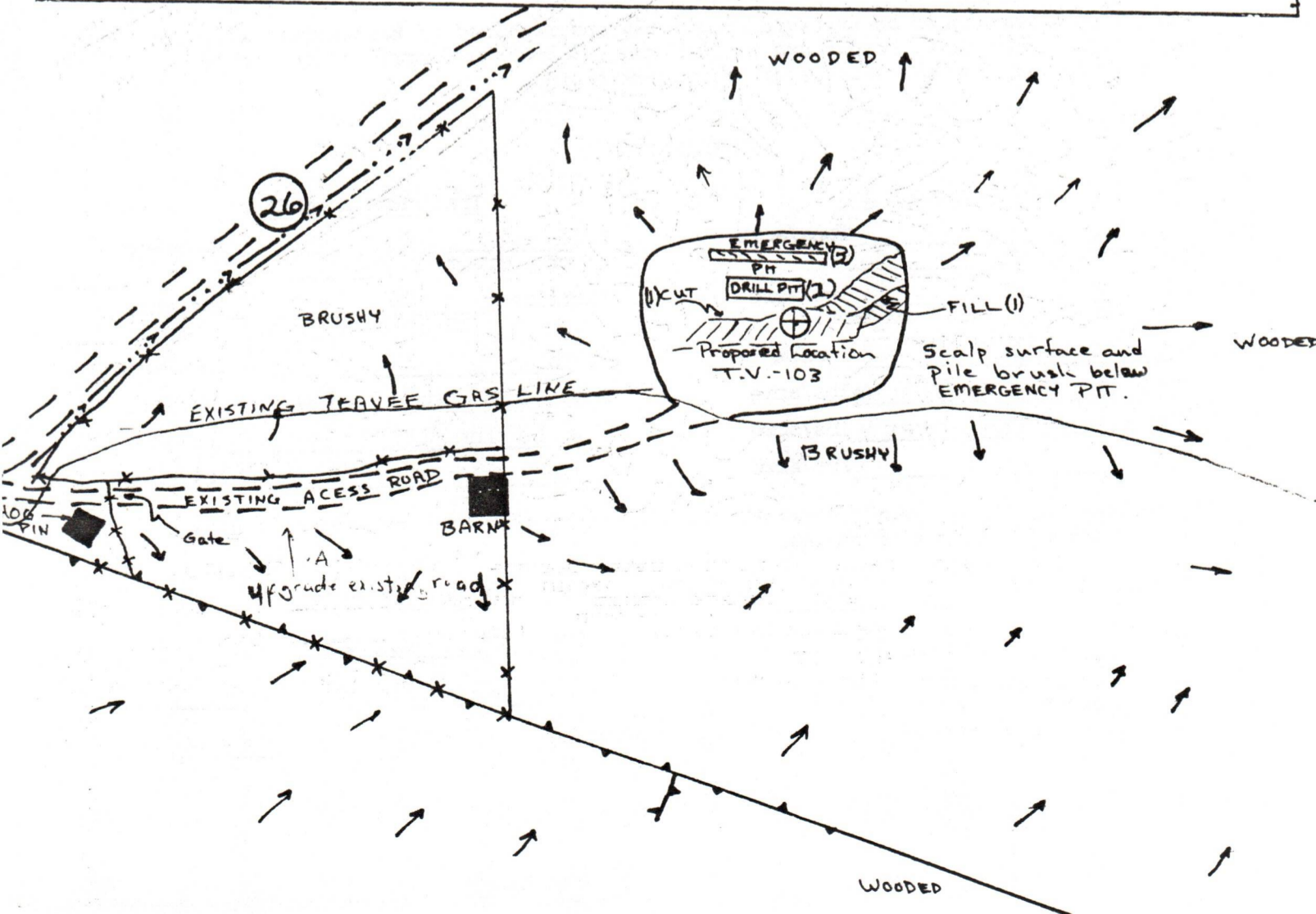
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE WINFIELD WV

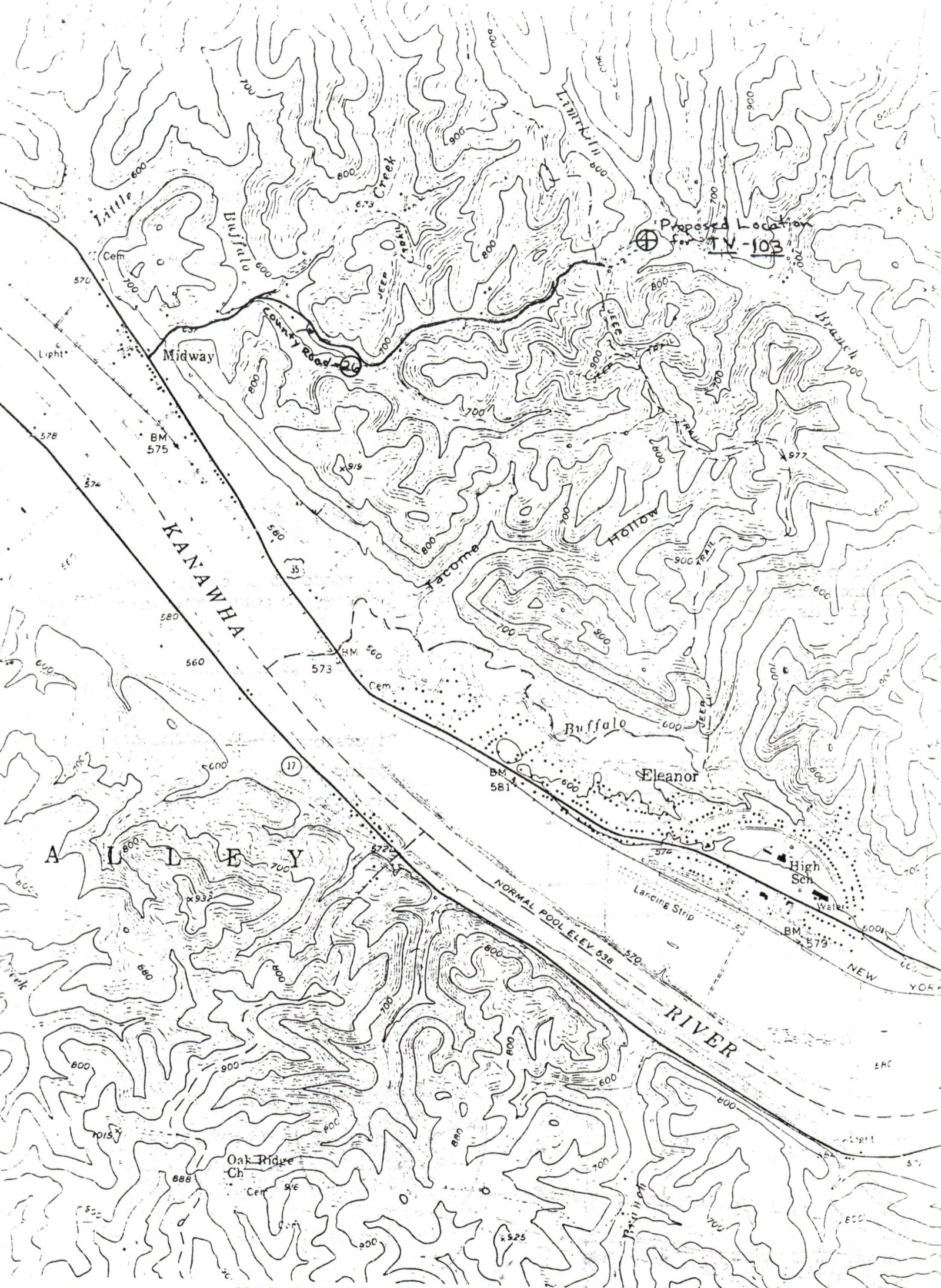
LEGEND	
Well Site	⊕
Access Road	—

WELL SITE PLAN

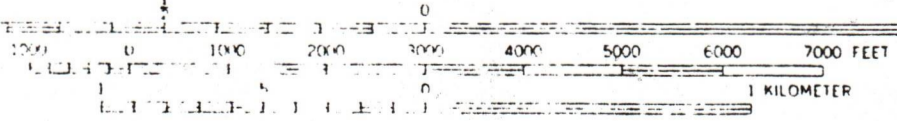
Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND	
Property boundary	—▲—▲—▲—▲—
Road	== == == == ==
Existing fence	—x—x—x—x—
Planned fence	—/—/—/—/—
Stream	~ ~ ~ ~ ~
Open ditch	—>—>—>—>—>—>—>—>—>—
Diversion	//////
Spring	○→
Wet spot	⊕
Building	■
Drain pipe	○→○→○→○→
Waterway	⇐⇐⇐⇐⇐⇐⇐⇐⇐⇐





SCALE 1:24,000



CONTOUR INTERVAL 20 FEET
 ALL ELEVATIONS ARE IN FEET ABOVE SEA LEVEL

- ROAD CLASSIFICATION**
- Heavy duty —————
 - Medium duty - - - - -
 - Light duty _____
 - Unimproved dirt - - - - -
 - U.S. Route (square symbol)
 - State Route (circle symbol)

WINFIELD, W. VA.
 SW/4 WINFIELD 15' QUADRANGLE
 N 3830—W 8152.3/7.5



1) Date: 9/20, 1984
 2) Operator's Well No. TV-103
 3) API Well No. 47 077 1124
 State County Permit

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

- 4) WELL TYPE: A Oil _____ / Gas /
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow /)
- 5) LOCATION: Elevation: 733.1 ft. Watershed: Lumata Branch of Buffalo Creek
 District: Union County: _____ Quadrangle: Winfield
- 6) WELL OPERATOR Teaver Oil & Gas Inc. 7) DESIGNATED AGENT H.G. Amy
 Address 1901 Kanawha Valley Bldg. Address Charleston WV 25301
Charleston WV 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Jerry Holcomb Name FWA Drilling Co.
 Address Rural Rte 1 - Box 28 Address P.O. Box 475
Hamlin WV 25523 Wickliffe Falls Tx 76307
- 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate /
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Marcellus Shale
 12) Estimated depth of completed well, 4450 feet
 13) Approximate trata depths: Fresh, 130-140 feet; salt, 850- feet.
 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No /

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	<u>7 3/8"</u>					<u>400</u>	<u>400</u>	<u>To surface</u>	
Coal									Size
Intermediate	<u>7"</u>					<u>2100</u>	<u>2100</u>	<u>Through Salt</u>	Depths set
Production									Perforations:
Tubing	<u>3 1/2"</u>					<u>4450</u>	<u>4450</u>	<u>100 on top</u>	Top
Liners									Bottom

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 DEPT. OF MINES
 OIL & GAS DIVISION
 SEP 21 1984

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

VOLUNTARY STATEMENT OF NO OBJECTION

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

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

(For execution by corporation, partnership, etc.)
 NAME: _____
 By 153 _____
 Its _____ Date 9-21-85

(For execution by natural persons)
D. H. Cobb Sr. Date: 9-21-85
 (Signature)
Emily Cobb Date: 9-21-84
 (Signature)

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

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

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

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

Where to file comments and obtain additional information:

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

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

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

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

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

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

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

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

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

1) Date: 9/20, 1984
2) Operator's Well No. T.V. 103
3) API Well No. 47 079 1124
State County Permit:

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

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name E Dorsel H. Cobb
Address Rte #1 Box 191 F
Redhouse WV 25168
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR N.
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD
Name _____
Address _____
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included in the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or lease or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

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.

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DEPT. OF MINES
OIL & GAS DIVISION

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

David W. Kimberling
this 21 day of September, 1984.
My commission expires 1-26, 1992.

David W. Kimberling
Notary Public, Dutman County,

WELL OPERATOR Teavee Oil & Gas, Inc.
By [Signature]
Its President
Address 1901 Kanawha Valley Bldg.
Charleston WV 25307
Telephone 342-2125

David W. Kimberling
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

✓
25/P
Form IV-2 (A)
Reverse

Put - 1124



ORIGINAL

2200 BENDEN DR.
WOOSTER, OHIO 44691
216-264-2120

20115 INVOICE

CEMENTING INVOICE NO. 13714

DATE 10-7-84

SERVICE ORDER NO. C 6569

ASSOC. NOWSCO REF. NO.

P.O. NUMBER 212

SERVICE ENG. Barry Williams

STATION MGR. APP. M. Riden

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.
CUSTOMER BY *Barry Williams*
AUTHORIZED AGENT

CUSTOMER: Tee Ve Oil & Gas
ADDRESS: 1901 Kan Valley Bldg, Chersville, 25302
COUNTY: Putnam
STATE: W.Va.
TYPE OF TREATMENT: 7 1/2 Infracs

PRICE LIST REFERENCE	MATERIAL & EQUIPMENT	QUANTITY	UOM	UNIT PRICE	AMOUNT	PRICE LIST REFERENCE	MATERIAL & EQUIPMENT	QUANTITY	U.O.M.	UNIT PRICE	AMOUNT
701-604	SET UP CHARGE	2464	FT	904	904.00		RUBBER/WOOD PLUG	1			
	ADDITIONAL FOOTAGE		FT				LATCH DOWN PLUG/BAFFLE				
	STANDBY ON CEMENTER		HR				CENTRALIZERS				
701-611	MIILEAGE	32	MI	2.25	675.00		FLOAT SHOE/AUTO FILL SHOE				
705-622	BULK HAULAGE	7285	3D	.75	162.00		FLOAT COLLAR/AUTO FILL COLLAR				
717-771	BLENING CHARGE	156	HR	.90	140.40		GUIDE SHOE				
717-773	WAITING TIME ON BULK		HR				CEMENT BASKET				
717-775	RETURNED MATERIAL		TM								
717-774	WIRE LINE		FT								
717-789											
717-675	CLASS "A" BULK	150	SK	5.50	825.00						
717-676	CLASS "A" SACKS		SK								
	50/50 POZ 1-1		SK								
	NOWLITE 2-1-8		SK								
717-677	NOWPOZ - FLYASH		SK								
	THIX MIX		SK								
	THIX O GEL		SK								
	SLURRY 61		SK								
717-684	CAC12	423	LB	30	126.90						
717-689	GEL - BENTONITE		LB								
717-692	SALT		LB								
321-273	KCL		LB			1062	Barry Williams				
717-678	CELLOFLAKE		LB			455	M. Stortson				
717-680	GILSONITE		LB			406	D. Atkinson				
717-693	GYPCEM		LB								
717-679	D-19		LB								
717-690	T-10		LB								
	TOTAL				2225.80						

DISCOUNTS AND/OR QUOTE APPLY ONLY IF PAID WITHIN 30 DAYS.

Barry Williams

NAME OF WELL: Cobb #2

Box - 1151

25

25

25

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JAN 10 1995
OIL & GAS DIVISION
DEPT. OF MINES

NOWSCO

WELL SERVICE

TIME ATE 3:00 PM

PERMITS REPORT

CEMENTING

TIME LEFT

DATE 10-7-84

SERVICE ORDER NO. 6569

Tee Vee

Cobb # 2

Location Union Put

W.Va.

1901 Kan Valley Bldg Chars W.Va 25302

Contractor FWB

TYPE OF JOB

Intermediary

Long String

Special

WELL DATA

How Size

Total Depth 2486

Mud Type

Type of Plug

Top Size 7"

Wooden

Casing Size

7"

Den Density 20

Depth 2464

Bottom

Type of Mud

Den Density

Den Density

Grain

Temp Control

Float Housing

Rat Hole

Type of Packoff Special Top

Float Shoe

Depth 2464

CEMENT DATA

150 0-1-0 NEAT 3% Col.

15.7 1.17

17.55

CASING OR LINER DATA

PLUG BACK DATA

Item	Time	Weight	Volume	Pressure
FW	7:18	50	5	
Start Slurry	7:20	4	50	
Shut Down	7:28	100	31	
Displace Plug	7:30	4	250	100
Shut Down	7:55	900		
Release Line Pressure	8:00			

Thank You
Barry Williams

Duane Bowen

25

25

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JAN 10 1985

OIL & GAS DIVISION
DEPT. OF MINES

25

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

Date 1/8/85, 19__

FORM IV-35
(Obverse)

Operator's
Well No. TV - 103

[08-78]

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

API Well No. 47 - 079 - 112
State County Perm

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X / A)

LOCATION: Elevation: 733.1 Watershed: Limekiln Branch of Buffalo Creek
District: Union County: Putnam Quadrangle: Winfield

WELL OPERATOR Teavee Oil & Gas, Inc. DESIGNATED AGENT H. G. May
Address 1901 Kanawha Valley Bldg. Address 1901 Kanawha Valley Bldg.
Charleston, WV 25301 Charleston, WV 25301

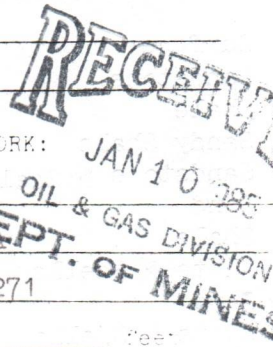
PERMITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Redrill ___ / Fracture or stimulate X
Plug off old formation ___ / Perforate new formation ___
Other physical change in well (specify) _____

PERMIT ISSUED ON September 21, 19 84

OIL & GAS INSPECTOR FOR THIS WORK:

(IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED

Name Jerry Tephabock
Address Rt. 1 Box 101-~~1~~
Ripley, WV 25271



GEOLOGICAL TARGET FORMATION: Marcellus Shale Depth 4450 feet
Depth of completed well, 4475 feet Rotary X / Cable Tools ___
Water strata depth: Fresh, None feet; salt, ___ feet.
Coal seam depths: N/A Is coal being mined in the area? N/A
Work was commenced 10/3, 19 84, and completed 10/11, 19 84

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	<u>9 5/8</u>		<u>40</u>	<u>X</u>		<u>385</u>	<u>385</u>	<u>To surface</u>	<u>Circulated</u>
Coal									Sizes
Intermediate	<u>7"</u>		<u>20</u>	<u>X</u>		<u>2462</u>	<u>2462</u>	<u>150 Sacks</u>	<u>Through Salt Sand</u>
Production									Depths set
Tubing	<u>3 1/2"</u>		<u>9.2</u>	<u>X</u>	<u>X</u>	<u>4462</u>	<u>4462</u>	<u>2000' Fill-up</u>	
Liners									Perforations:
									Top Bottom
									<u>3596</u> <u>3904</u>

OPEN FLOW DATA

Producing formation Brown Shale Pay zone depth 3596 feet
Gas: Initial open flow, Show Mcf/d Oil: Initial open flow, None Bbl/d
Final open flow, 130 Mcf/d Final open flow, ___ Bbl/d
Time of open flow between initial and final tests, 48 hours
Static rock pressure, 420 psig (surface measurement) after 48 hours shut in

[If applicable due to multiple completion--]

Second producing formation NONE Pay zone depth ___ feet
Gas: Initial open flow, ___ Mcf/d Oil: Initial open flow, ___ Bbl/d
Final open flow, ___ Mcf/d Final open flow, ___ Bbl/d
Time of open flow between initial and final tests, ___ hours
Static rock pressure, ___ psig (surface measurement) after ___ hours shut in

[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 N₂
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			0	40	
Sandstone			40	70	
Shale			70	89	
Sandy Shale			89	200	
Sandstone & Shale			200	500	
Sand			500	615	
Shale			615	745	
Slate & Shells			745	908	
Sand			908	985	Salt Water
Slate & Shells			985	1300	
Sand			1300	1448	
Slate & Shells			1448	1511	
Salt Sand			1511	1689	Salt Water
Lime			1689	1703	
Shale			1703	1706	
Big Lime			1706	1866	
Sand			1866	1875	
Slate			1875	1880	
Big Injun			1880	1962	
Slate & Shale			1962	2362	
Coffee Shale			2362	2392	
BEREA			2392	2420	
Gray Shale			2420	3554	
BROWN SHALE			3554	3942	Show Gas
White Slate			3942	4296	
MARCELLUS SHALE			4296	4464	

(Attach separate sheets to complete as necessary)

Teavee Oil & Gas, Inc.
Well Operator

By _____

Its _____

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 coal, encountered in the drilling of a well."

IV-35
(Rev 8-81)

RECEIVED
JUL 5 - 1985

OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia

Department of Mines
Oil and Gas Division

Date 7/1/85
Operator's
Well No. TV-103
Farm D. H. Cobb
API No. 47 - 079 - 1124

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production X / Underground Storage ___ / Deep X / Shallow ___ /)

LOCATION: Elevation: 733.1 Watershed Limekiln Branch of Buffalo Creek
District: Union County Putnam Quadrangle Winfield

COMPANY Teavee Oil & Gas, Inc.
ADDRESS 1901 Kanawha Valley Bldg.
Charleston WV
DESIGNATED AGENT D. K. Bowers
ADDRESS same as above
SURFACE OWNER D. H. Cobb
ADDRESS Redhouse WV
MINERAL RIGHTS OWNER B.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 COMMENCED 10/03/84
DRILLING COMPLETED 10/08/84
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size			
20-16 Cond.			
13-10"			
9 5/8	385	385	90
8 5/8			
7	2262	2262	150
5 1/2			
4 1/2			
3 1/2		4475	230
2			50/50 POZMIX
Liners used			

GEOLOGICAL TARGET FORMATION Marcellus Shale Depth 4400 feet
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 Pay zone depth 3550 feet
Gas: Initial open flow 15 Mcf/d Oil: Initial open flow N/A Bbl/d
Final open flow 165 Mcf/d Final open flow ___ Bbl/d
Time of open flow between initial and final tests 48 hours
Static rock pressure 425 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation N/A Pay zone depth ___ feet
Gas: Initial open flow ___ Mcf/d Oil: Initial open flow ___ Bbl/d
Final open flow ___ Mcf/d Oil: Final open flow ___ Bbl/d
Time of open flow between initial and final tests ___ hours
Static rock pressure ___ psig (surface measurement) after ___ hours shut in

(Continue on reverse side)

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

FORMATION	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	
Redrock			15	740	
White Slate			740	750	
Redrock			750	800	
Sand			800	863	
Slate & Shells			863	1054	
Sand			1054	1095	
Slate & Shells			1095	1483	Salt water
Salt Sand			1483	1661	
Lime Shells			1661	1680	
Little Lime			1680	1700	
Pencil Cave			1700	1701	
Big Lime			1701	1883	
Keener Sand			1883	1895	
Slate			1895	1900	
Big Injun			1900	1986	
Slate & Shells			1986	2179	
Shale & Slate			2179	2380	
Coffee Shale			2380	2391	
Berea Sand			2391	2419	
Slate & Shells			2419	3000	
Gray Shale			3000	3555	
*BROWN SHALE			3555	3896	GAS
White Slate			3896	4296	
*MARCELLUS SHALE			4296	4460	
*CORNIFEROUS LIME			4460	4461 TD	

(Attach separate sheets as necessary)

*INDICATES ELECTRIC LOG TOPS

TEAVEE OIL & GAS 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
and, encountered in the drilling of a well."



RECEIVED

JUL 8 - 1985

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
January 23, 1985

COMPANY Teavee Oil & Gas, Inc.
1901 Kanawha Valley Bldg.
Charleston, West Virginia 25301

PERMIT NO 079-1124 (9-21-84)
FARM & WELL NO Dorsel Cobb #TV-103
DIST. & COUNTY Union/Putnam

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Charles W. Huie
DATE 7-2-85

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. L. R. B.
Administrator-Oil & Gas Division

July 18, 1985
DATE

IV-27
9-83

RECEIVED
MAR 5 - 1985



OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

48900

Date: 2-28-85
Well No: TV-103
API NO: 47-029-1134
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 OPERATOR Teavee Oil & Gas DESIGNATED AGENT H. B. May
Address 1901 Kanawha Valley Bank Bldg. Charleston, W.V. 25301 Address same

The above well is being posted this 28 day of Feb., 1985, for a violation of Code 22-4-12 and/or Regulation 33.04, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

All Drilling Pits shall be constructed, maintained as to prevent leakage & overflow. To Divert surface water Run-off from the pit.

Pit is too full causing pit to overflow.

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.

You are hereby granted until 3/7, 1985 to abate this violation. Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

To Abate

Haul water from Pit & fill pit

Charles W. Hinely
Oil and Gas Inspector
Address 333 Pineh Ridge Rd. Elkview, W.V. 25021

Telephone: 965-6069

1184



RECEIVED
MAR 5 - 1885

IV-27
9-83

Date: 3-3-85
Well No: 74-103
APL NO: 47-029-1184
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

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
Designated Agent: H. G. May
Address: Charleston, W. Va. 25301

The above well is being posted this 30 day of Feb 1985 for a violation of Code 22-4-13 and/or Regulation 22.07, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

All Drilling Pits shall be constructed, maintained and repaired to prevent leakage or overflow to divert surface water run-off from the pit.
Pits too full causing pit to over flow

A copy of this notice has been posted at the well site and sent by certified registered mail to the indicated well operator or his designated agent.
You are hereby granted until 3/7/85 to abate this violation.
Failure to abate the violation may result in action by the department under Code 22-4-17 or Code 22-4-18.

Charles W. Hinkle
Oil and Gas Inspector
Address: 333 Birch Ridge Rd.
Elkinsburg, W. Va. 25021
Telephone: 963-6664

To Abate
Fill pit & fill pit
No oil water from

IV-27
9-83

RECEIVED

MAR 5 - 1985

OIL & GAS DIVISION
DEPT. OF MINES



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

48900

Date: 2-28-85
Well No: TV-103
API NO: 47-079-1124
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 OPERATOR Teg Vee Oil & Gas DESIGNATED AGENT H. B. May
Address 1901 Kanawha Valley Bank Bldg. Charleston, W. Va. 25301 Address same

The above well is being posted this 28 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 SIDE OF THIS NOTICE IF NECESSARY)

Drilling sites shall be constructed and maintained to prevent surface water run-off from carrying excess sedimentation away from the site.

To Abate

Grade location + Divert water off site.

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.

You are hereby granted until 3/1, 1985, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Carlos W. Hinshel
Oil and Gas Inspector

Address 223 Pineb Ridge Rd.

Elkview, W. Va. 25011

Telephone: 965-6069

48900



RECEIVED

MAR 2 - 1982

14-27
9-88

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

NOTICE OF VIOLATION

Date: 5-8-82
Well No: TU-103
API No: 17-079-1184
State County Permit

WELL TYPE: Oil Gas Liquid Injection Waste Disposal
OF "Gas" - Production Storage Deep Shallow
LOCATION: Elevation: _____ Watchshed: _____

District: Union County: Putnam
WELL OPERATOR: Tee Lee Oil & Gas
Designated Agent: H. B. May
Address: 100 Kanawha Valley Parkway
Charleston, W. Va. 25301

The above well is being posted this 28 day of Feb. 1982 for a violation of Code 22-4-17 and/or Regulation 2205 set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Drilling sites shall be constructed and maintained to prevent surface water run-off from carrying excess sedimentation away from the site.

To Abate
Grade location - divert water off site

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. You are hereby graded until 3/27/82 to abate this violation. Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Charles W. Hinkle
Oil and Gas Inspector

Address: 923 Birch Ridge Rd
Elkinsburg, W. Va. 2501

Telephone: 252-6044

48900

RECEIVED

IV-27
9-83

MAR 5 - 1985



OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: 2-28-85
Well No: TV-103
API NO: 47-079-1134
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 OPERATOR Teavee Oil & Gas DESIGNATED AGENT H. B. May

Address 1901 Kanawha Valley Bank Bldg. Address Same

Charleston, W.V. 25301

The above well is being posted this 28 day of Feb., 1985, for a violation of Code 22-4-12 and/or Regulation 23.02, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

All access roads shall be constructed and maintained to prevent excess sedimentation to maintain natural drainage areas.

To Abate

UP grade roads put ditches & cross drains on road.

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.

You are hereby granted until 3/7, 1985, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Carlos W. Hinchey
Oil and Gas Inspector

Address 223 Pinch Ridge Rd.

Elkview, W.V. 25071

Telephone: 965-6069

48700



RECEIVED
MAR 5 - 1982
IV-3
9-88

Date: 8-8-82
Well No: 71-103
APR NO: 029-1184
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

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: Marion County: Putnam
WELL OPERATOR: Teal Oil & Gas
DESIGNATED AGENT: H.G. Day
Address: Putnamville, W.Va. 26041
Charleston, W.Va. 25301

The above well is being posted this 30 day of Feb 1982, for a violation of Code 22-4-13 and/or Regulation 22.02, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

All Access Roads shall be constructed and maintained
to prevent excess sedimentation to maintain
natural drainage areas.
to Abate
UP grade Roads put ditches & Grass Drains
OR Road

A copy of this notice has been posted at the well site and sent by certified registered mail to the indicated well operator or the designated agent.
You are hereby granted until 3/7/82 to abate this violation.
Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Oil and Gas Inspector
Address: 303 Peach Ridge Rd
Putnamville, W.Va. 26041
Telephone: 262-6019

RECEIVED

MAR 5 - 1985



48900

IV-27
9-83

OIL & GAS DIVISION STATE OF WEST VIRGINIA
DEPT. OF MINES DEPARTMENT OF MINES

Date: 2-28-85
Well No: TU-103
API NO: 47-079 1124
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 OPERATOR Tealco Oil & Gas DESIGNATED AGENT H. B. May
Address 601 Kanawha Valley Park Bldg. Address same
Charleston, W.V. 25301

The above well is being posted this 28 day of Feb., 1985, for a violation of Code 22-4-1A and/or Regulation 705, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Every well shall have Attached or stamped in a permanent manner an API Number consist of The state, county and Permit number.

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.

You are hereby granted until 3/7, 1985, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

To Abate

ID well

Carlson Whisler
Oil and Gas Inspector

Address 823 Pineb Ridge Rd.

EIKView, W.V. 25301

Telephone: 965-6069

RECEIVED

MAR 5 - 1982

IV-27
9-83



DEPT. OF MINES
STATE OF WEST VIRGINIA
OIL & GAS DIVISION

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

WELL OPERATOR: James Oil & Gas DESIGNATED AGENT H. G. May

Address: Ballkounskovalk Bank Bldg Address: same

Charleston Wv 25301

The above well is being posted this 28 day of Feb, 1982, for a violation of Code 22-4-1A and/or Regulation 707, set forth in detail as follows: (USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Every well shall have attached or stamped in a permanent manner an APT number consist of the state county and permit number

A copy of this notice has been posted at the well site and sent by certified registered mail to the indicated well operator or his designated agent. You are hereby granted until 3/7, 1982, to abate this violation. Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Carlton W. Hinkle
Oil and Gas Inspector

Address: 303 Pine Ridge Rd

Elkinsburg Wv 25021

Telephone: 254-6069

To Abate
I D well

Date: 3-28-82
Well No: 71-103
APT No: 079 1194
State County Permit

18984

FORM IV-31
9-83

RECEIVED

MAR 27 1985

OIL & GAS DIVISION
DEPT. OF MINES

Date: 3-19-85
Operator's
Well Number TV 103
API Well No.: 47 - 079 - 1124
State County Permit

9/16

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: _____
WELL OPERATOR Teague Oil & Gas DESIGNATED AGENT H. B. Mays
Address 190 Kanawha Valley Bank Bldg. Address same
Charleston, W. Va. 25301

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 3-19-, 19 85.

The violation of Code § 22-4-12 heretofore found to exist on 2-28-, 19 85, 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 Danger 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 has been graded + is o.k.

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.

Carlos W. Hively
Oil and Gas Inspector
Address _____
Telephone 965-6069

RECEIVED

MAR 27 1985

FORM IV-31
9-83

DEPT. OF MINES
OIL & GAS DIVISION

4/10

Date: 3-19-85
Operator's Well Number: TV 103
API Well No.: 47
State: VA
County: 1154
Permit:

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

NOTICE OF ABATEMENT

WELL TYPE: Oil / Gas / Liquid Injection / Waste disposal
LOCATION: If "Gas" - Production / Storage / Underground / Shallow / Deep
Elevation: Watershed
District: Putnam
County: Putnam
WELL OPERATOR: T. Lee O'Leary
Address: Charleston, West Virginia
DESIGNATED AGENT: H. B. Myers
Address: Salem

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 3-19-85. The violation of Code § 39-4-18, "Imminent Danger Order," of that date has been totally abated. If the abated violation was found by Form IV-28, "Imminent Danger Order," such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS: Drilling site has been graded + 120 ft.

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: Charles W. Hines
Address:
Telephone: 963-6069

RECEIVED

MAR 27 1985

OIL & GAS DIVISION
DEPT. OF MINES

Date: 3-19-85
Operator's
Well Number T.V. 103
API Well No.: 47 - 079 - 1124
State County Permit

917

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: _____
WELL OPERATOR Tea-lee Oil & Gas DESIGNATED AGENT H.B. Mays
Address 94 Kanawha Valley Bank Bldg. Address Same
Charleston, WV 25301

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 3-19, 19 85,

The violation of Code § 37-4-1A heretofore found to exist on 2-28, 19 85, 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 Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS API number has been put on well.

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.

Charles W. Hively
Oil and Gas Inspector

Address _____

Telephone 965-6069

RECEIVED
MAR 27 1985

DEPT. OF MINES
OIL & GAS DIVISION

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

NOTICE OF ABATEMENT

Date: 3-19-85
Operator's Well Number: T.V. 103
API Well No.: 47
State: WV
County: Putnam
Permit: 1154

WELL TYPE: Gas Oil Liquid Injection Waste disposal
LOCATION: Production Storage Underground Deep Shallow
Elevation: _____
District: Putnam
County: Putnam
WELL OPERATOR: The Lee Oil & Gas
Address: Putnam County, West Virginia
DESIGNATED AGENT: H.G. May
Address: Putnam

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 3-19-85. The violation of Code § 33-1-1A heretofore found to exist on 3-19-85, 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 Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS: API number has been put on well

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: [Signature]
Address: _____
Telephone: 428-8062

RECEIVED
MAR 27 1985
OIL & GAS DIVISION
DEPT. OF MINES

Date: 3-19-85
Operator's
Well Number TU 103
API Well No.: 47 - 079 - 1194
State County Permt

918

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: _____
WELL OPERATOR Teague Oil & Gas DESIGNATED AGENT H. G. Mays
Address 190 Kanawha Valley Bank Bldg. Address same
Charleston, W.V. 25301

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 3-19-, 19 85.

The violation of Code § 33-4-17 heretofore found to exist on 2-28, 19 85, 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 Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS Pit water has been emptied & 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.

Charles W. Hensley
Oil and Gas Inspector

Address _____

Telephone 965-6669

RECEIVED

MAR 27 1988

DEPT. OF MINES
OIL & GAS DIVISION

FORM IV-31
9-83

418

Date: 3-19-88
Operator's Well Number: T1103
APR Well No.: 47
State: WV
County: Putnam
Permit: 1194

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

WELL TYPE: Gas Liquid Injection Waste disposal
 Underground Production Storage Deep Shallow
LOCATION: Elevation: _____
District: Union County: Putnam
WELL OPERATOR: Telex Oil & Gas
Address: Putnam, West Virginia
DESIGNATED AGENT: H. G. ...
Address: ...

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 3-19-88. The violation of Code § 20-2-13, Form IV-28, "Imminent Danger Order," of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS: Pit water has been emptied & 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: 485-6672

919

RECEIVED

MAR 27 1985

OIL & GAS DIVISION DEPT. OF MINES

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date: 3-19-85

Operator's Well Number TU 103

API Well No.: 47 - 079 - 1174
State County Permit

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: _____

WELL OPERATOR Teague Oil & Gas DESIGNATED AGENT H.B. Mays

Address 196 Kanawha Valley Bank Bldg. Charleston, W.V. 25301 Address same

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 3-19-, 19 85.

The violation of Code § 22-4-12B heretofore found to exist on 2-28, 19 85, 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 Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS Access Road is O.K.

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.

Charles W. Hinely
Oil and Gas Inspector

Address _____

Telephone 965-6069

RECEIVED
MAR 27 1985

DEPT. OF MINES
OIL & GAS DIVISION

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

NOTICE OF ABATEMENT

Date: 3-19-85
Operator's Well Number: 74103
APR Well No.: 77
State: WV
County: Putnam

119

WELL TYPE: Gas Liquid Injection Waste disposal
LOCATION: Production Storage Underground
Elevation: _____
District: Putnam County
WELL OPERATOR: Union Oil & Gas
Address: 11111 Union Blvd, Union, WV
DESIGNATED AGENT: H.G. Mays
Address: _____

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 3-19-85. The violation of Code § 33-4-12B, Form IV-28, "Imminent Danger Order", of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS: Access Road is O.K.

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: 2-4669

RECEIVED
JAN 10 1985
OIL & GAS DIVISION
DEPT. OF MINES



AND TICKET CONTINUATION

FOR INVOICE AND TICKET NO. 938920

DATE 10-8-64	CUSTOMER ORDER NO.	WELL NO. AND FARM # 2 Dorsel Cobb	COUNTY Putnam	STATE W. V.
CHARGE TO V. C. Smith Management Co.		OWNER Tex Vee Oil + Gas	CONTRACTOR F. W. A.	
MAILING ADDRESS 1901 Kanawha Valley Bldg		DELIVERED FROM Elkview	LOCATION CODE 10625	No. B 426620
CITY & STATE Charleston, W. V.		DELIVERED TO Location	TRUCK NO.	PREPARED BY Phom / Russell
				RECEIVED BY

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
504-043				Std. Bulk Cement	118	sk			6.04	712.72
506-105				Por Mix A	117	sk			3.03	354.51
506-121				Halliburton Gel 2%	4	sk			N/A	N/A
508-291				12 1/2 lbs. / Sk. Gilsomite	2950	lbs			.33	973.50
509-969				10% SALT	1126	lbs			.14	157.64
509-564				Halliburton Gel N/B	2	sk			9.25	18.50
					Returned Mileage Charge	TOTAL WEIGHT		LOADED MILES	TON MILES	
					SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET	
500-207				SERVICE CHARGE				310	.95	294.50
500-306				Mileage Charge	24,411		50	610.28	.76	427.20
					TOTAL WEIGHT		LOADED MILES	TON MILES		
No. B 426620								CARRY FORWARD TO INVOICE	SUB-TOTAL	293857

25.

25

25

RECEIVED

JAN 10 1985

OIL & GAS DIVISION
DEPT. OF MINES

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JAN 10 1985

OIL & GAS DIVISION
DEPT. OF MINES

DEPT. OF MINES
OIL & GAS DIVISION

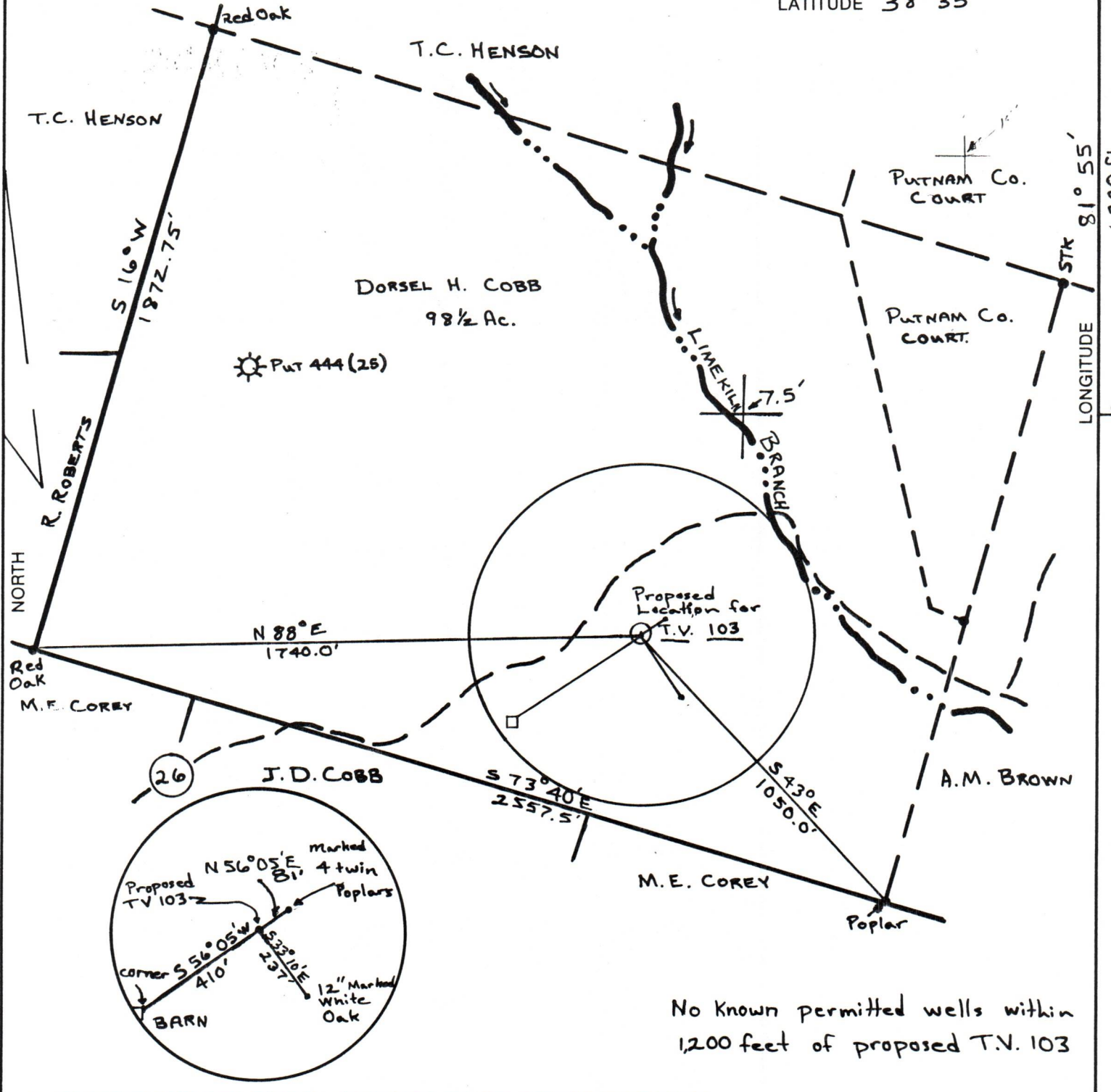
JAN 10 1985

RECEIVED



1111 9/21/84

5,000ft
LATITUDE 38° 35'



No Known permitted wells within 1200 feet of proposed T.V. 103

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Put-444

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES
 (SIGNED) Jahon Salbin
 R.P.E. 875 L.L.S. _____

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE 9-20- 1984
 OPERATOR'S WELL NO. T.V. 103
 API WELL NO. 47-079-1124
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 733.1' WATERSHED Limekiln Branch of Buffalo Creek
 DISTRICT Union COUNTY Putnam
 QUADRANGLE Winfield WV.
 SURFACE OWNER Dorsel H. Cobb ACREAGE 98 1/2
 OIL & GAS ROYALTY OWNER D.H. Cobb & J.D. Cobb LEASE ACREAGE 110
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Marcellus Shale ESTIMATED DEPTH 4450 feet
 WELL OPERATOR Teavce Oil & Gas Inc. DESIGNATED AGENT H. G. May
 ADDRESS 1901 Kanawha Valley Bldg ADDRESS 1901 Kanawha Valley Bldg.
Charleston WV 25301 Charleston WV 25301

COUNTY NAME
 PUT.
 PERMIT
 1124

FORM TV-6 (6-7-8)

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. TV 103 located in Union District, Putnam County, West Virginia, upon the person or organization named--

Dorsel H. Cobb

--by delivering the same in Putnam County, State of WV on the 21 day of September, 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 _____, a partner of the 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 _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

[] Handing it to the corporation's employee / officer / director / attorney in fact / named _____

RECEIVED

SEP 21 1984

Duane H. Bowers
(Signature of person executing service)

OIL & GAS DIVISION

DEPT. OF MINES

Taken, subscribed and sworn before me this 21st day of September, 1984.
My commission expires 1-26-92

David M. Kimberling
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

1) Date: 9/20, 1984
2) Operator's Well No. T.V. 103
3) API Well No. 47 079 1124
State County Permit

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

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name E Dorsel H. Cobb
Address Rte #1 Box 191 F
Redhouse WV 25168
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR N.
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____

Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) EXTRACTION RIGHTS

Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifications.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

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 Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

WELL OPERATOR Teavee Oil & Gas, Inc.
By [Signature]
Its President
Address 1901 Kanawha Valley Bldg.
Charleston WV 25307
Telephone 342-2125

this 21 day of September, 1984.
My commission expires 1-26, 1992.

David W. Kimberling
Notary Public, Dufur County,

RECEIVED
SEP 21 1984
DEPT. OF MINES
& GAS DIVISION

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(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 § 22-4-1k 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 § 22-4-1k(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 § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent 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 § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

I N F O R M A T I O N S U P P L I E D U N D E R C O D E § 22-4-11(d)

I N L I E U O F F I L I N G L E A S E (S) A N D O T H E R C O N T I N U I N G C O N T R A C T (S)

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

- (1) 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:

	<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
Controlling interest	John D. Cobb	Teavee Oil & Gas Inc.	1/8	43/147
1/2 interest	Dorsel H Cobb			