FORM IV-2
(Obverse)
(6-82)

RECEIVED
NOV 30 1982
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

1) Date: NOVEMBER, 1982
2) Operator's Well No. C-25
3) API Well No. 47 079 1105
State County Permit

DRILLING CONTRACTOR:

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

OIL AND GAS WELL PERMIT APPLICATION

4) WELL TYPE: A Oil ____ / Gas ✓ /
B (If "Gas", Production ✓ / Underground storage ____ / Deep ____ / Shallow ✓ /)

5) LOCATION: Elevation: 677.8 Watershed: POPLAR FORK CREEK
District: SCOTT County: PUTNAM Quadrangle: SCOTT DEPOT

6) WELL OPERATOR TEAVEE OIL GAS INC.
Address PO BOX 27 WINFIELD, W.Va 25213

7) OIL & GAS ROYALTY OWNER HOFFMAN CONSTRUCTION
Address 3966 TEAYS VALLEY ROAD HURRICANE W.Va
Acreage ____

8) SURFACE OWNER HOFFMAN CONSTRUCTION
Address 3966 TEAYS VALLEY ROAD HURRICANE W.Va
Acreage ____

9) FIELD SALE (IF MADE) TO:
Address ____

10) OIL & GAS INSPECTOR TO BE NOTIFIED
Name KENNETH BUTCHER
Address RFD 1 BARBOURSVILLE, W.Va 25504 736-4885

11) DESIGNATED AGENT HOWARD MAY
Address PO BOX 27 WINFIELD, W.Va

12) COAL OPERATOR NONE
Address ____

13) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name NONE
Address ____
Name ____
Address ____

14) COAL LESSEE WITH DECLARATION ON RECORD:
Name NONE
Address ____

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OIL & GAS DIVISION
DEPT. OF MINES

15) PROPOSED WORK: Drill ✓ / Drill deeper ____ / Redrill ____ / Fracture or stimulate ____ /
Plug off old formation ____ / Perforate new formation ____ /
Other physical change in well (specify) ____

16) GEOLOGICAL TARGET FORMATION, SHALE

17) Estimated depth of completed well, 4200 feet

18) Approximate water strata depths: Fresh, 60 feet; salt, 1470-1870 feet.

19) Approximate coal seam depths: NONE Is coal being mined in the area? Yes ____ / No ✓ /

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor	13 3/8		48		✓		60		Kinds
Fresh water	10 3/4		32		✓		250	80 CU. FT.	
Coal									Sizes
Intermediate									
Production	7		23	✓			1750	100 CU. FT.	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

21) 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 specifics.)

22) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or other continuing 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.

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: [signature]
My Commission Expires 30 March 1988

Signed: [signature]
Its: VICE President

OFFICE USE ONLY

Permit number 47-079-1105 **DRILLING PERMIT** December 9, 1982
Date

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal 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. 10) 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.)

Permit expires August 9, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
Blanket	OK	M.J.	M.J.	3395

[signature]
Administrator, Office of Oil and Gas

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

File

Line Item Explanation

1) Date of Application

2) Your well name and number

3) To be filled out by office of oil & gas

4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.

4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.

"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less then six thousand feet, whatever is shallower.

5) Where well is located

6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office

7) Use separate sheet if necessary

8) Present surface owner at time application is filed.

9) Optional

11) See Reg. 7.01 relating to code §22-4-1k

12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24

13 & 14) As per §22-4-20; See Note 24

15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

16) Anticipated formation for which well will be completed

17) Self explanatory

18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation

19) All coal seam depths

20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04

21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
   (1)A brief description of the tract of land including the district and county wherein the tract is located;
   (2)The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
   (3)The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
   (4)A brief description of the royalty provisions of each such lease or contract.

22) Code 22-4-11(d) and 22-4-1l(e).

23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator_____/ owner_____/ lessee_____/of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19_____

By _____

Its _____

Form IV-9
(01-80)

Date Nov 24 1982
Well No.
API No. 47 - 079 - 1105
State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name TEAVEE OIL & GAS Designated Agent HOWARD MAY
Address Po Box 27 WINFIELD WVa Address Po. Box 27 WINFIELD
Telephone 586-2151 Telephone 755-1344
Landowner B. M. HOFFMAN Soil Cons. District WESTERN

Revegetation to be carried out by TEAVEE OIL & GAS (Agent)

This plan has been reveiwed by Western SCD. All corrections and additions become a part of this plan. 11-26-81 (Date) Clay Edwards (SCD Agent)

Access Road			Location		
Structure		(A)	Structure		(1)
Spacing			Material		
Page Ref. Manual			Page Ref. Manual		
Structure		(B)	Structure		(2)
Spacing			Material		
Page Ref. Manual			Page Ref. Manual		
Structure		(C)	Structure		(3)
Spacing			Material		
Page Ref. Manual			Page Ref. Manual		

All structures should be inspected regularly and repaired if necessary.

Revegetation

Treatment Area I		Treatment Area II	
Lime	Tons/acre	Lime	Tons/Acre
or correct to pH 6.5		or correct to pH 6.5	
Fertilizer 500 (10-20-20 or equivalent)	lbs/acre	Fertilizer 500 (10-20-20 or equivalent)	lbs/acre
Mulch HAY OR STRAW 1½	Tons/Acre	Mulch HAY OR STRAW 1½	Tons/Acre
Seed* KENTUCKY FESCUE 35	lbs/acre	Seed* KENTUCKY FESCUE 35	lbs/acre
REDTOP 5	lbs/acre	REDTOP 5	lbs/acre
	lbs/acre		lbs/acre

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

Attach or photocopy section of involved Topographic map. Quadrangle SCOTT DEPOT.

Legend: ⊕ Well Site
—— Access Road

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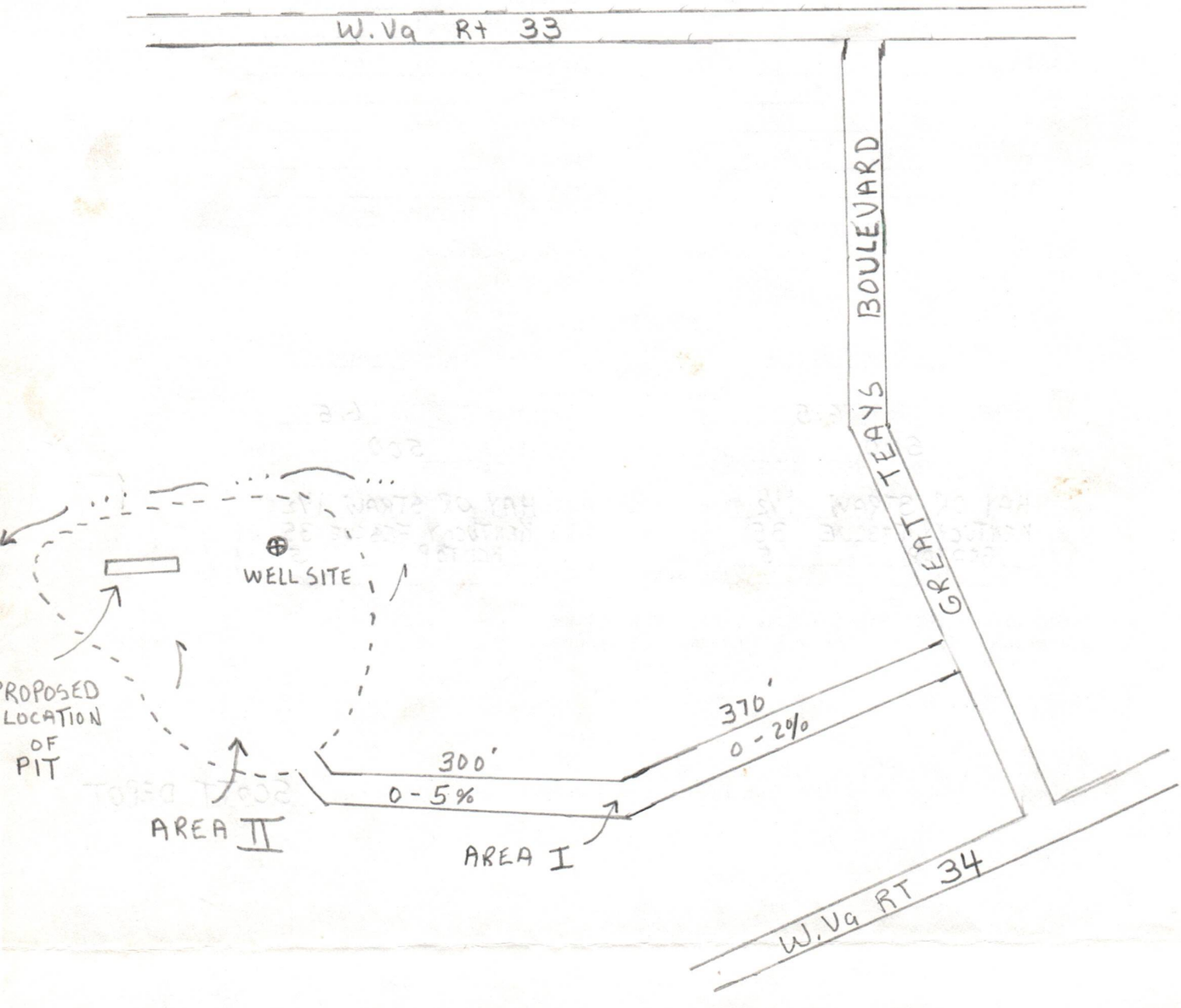
NOV 29 1982
OIL & GAS DIVISION
DEPT. OF MINES

Well Site Plan

Legend: Property Boundry
Road
Existing Fence
Planned Fence
Stream
Open Ditch
Diversion
Spring
Wet Spot
Building
Drain Pipe
Waterway

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



Comments: _____

Signature: A. L. May (Agent) Winfield (Address) 755-5207 (Phone Number)

Please request landowners cooperation to protect new seeding for one growing season.


Poplar
Branch
BM
Lick
Branch
S C O T
Sleepy Hollow
Golf Course
Mt Vernon
Ch
WELL
SITE
Fork
Teays Valley
Lakes
Teays Valley
Chapel
Scott Teays
Sch
Cem
Sub
Sta
Water
T E A Y S
V A L L E Y
Crooked
Creek
Lawrence
Cem
Creek
PIPELINE
AND
OHIO
Teays
BM
707
Johnstons
Ch
Scott Depot
(BM 690)
CHESAPEAKE
PIPELINE
POPLAR
Poplar

State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 25305

TO: ALL OPERATORS DATE: June 10, 1982

FROM: Theodore M. Streit, Administrative Assistant

RE: New Permit Application Forms

On March 13, 1982, the legislature passed HB-154 which goes into effect June 11, 1982. This bill requires proof of one-eighth (1/8) royalty payment to the royalty owners before any well permit can be issued.

We are at the present time printing up new Permit Application Forms which should be available by next month. In the meantime you will be required to send in a notarized affidavit (sample copy below) with each permit application.

AFFIDAVIT

I, John Galpin (the above desginated owner or operator, or authorized representative thereof) hereby verifies that the owner or owners of the mineral estate upon which this proposed well is to be located will receive minimum one-eighth (1/8) royalty payments for any gas or oil extracted therefrom. Copies of the Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above-named coal operator, co-owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Signed: John Galpin
(Owner, Operator, or Authorized Representative)

Notary : [illegible] (Signed)

My commission expires 30 March 1988

This is to acknowledge that lease between Great Teays Corporation and Hoffman Construction Inc. and V . Courtlandt Smith II dated September 13, 1982, has been transferred to Teavee Oil and Gas , Inc. for the purpose of drilling a well on said lease.

Notary: David W. Kimberling

My commission expires 1-26-92

Very Light Copy

Howard

Made and entered into this 13th day of September, 1982, between Teays Corporation and Hoffman Construction Inc.

RECEIVED
NOV 29 1982
OIL & GAS DIVISION
DEPT. OF MINES

County of Putnam and state of West Virginia

Courtlandt Smith II

In consideration of one dollar paid, the receipt of which is hereby acknowledged, do hereby grant, demise and let unto the lessee all the oil, gas and gasoline in and under the following described tract of land, and also the said tract of land for the purpose and with the exclusive right of drilling, producing, marketing and operating thereon for said oil and gas, together with the right of way, and the right to lay pipes to convey water, oil, fresh and gas, and to have sufficient water and gas from the premises to drill and operate wells thereon, also such other privileges as are necessary for conducting said operations, and the right to remove, at any time, all property placed thereon by the lessee.

All that certain tract of land situate in Scott District Township District, Putnam County, and State of West Virginia, on the waters of Poplar Fork, bounded and described as follows, to-wit:

On the North by lands of Sixty-eight Scarteen. On the South by lands of W. Va. Rt. 33.
On the East by lands of Sherman Bennett. On the West by lands of Rax Systems Inc/ WV Rt. 34.

Containing Tract 1, apprx. 13 ac; Tract 2, apprx 21 (Total 34). ACRES, more or less, but no wells are to be drilled within feet of the dwelling or barn now on the premises without the lessor's consent, and lessor agrees not to make any construction or sell or give any right-of-way that will hamper the free operation and servicing of any wells drilled on this tract.

To have and to hold the same unto the lessee for the term of ten years from the date hereof and as much longer as the said premises are being operated in the search for or the production of oil or gas, or as oil or gas is found in paying quantities thereon, or lessee's casing or tubing is in the ground of said premises for the purpose of producing oil or gas, yielding and paying to the lessor the one-eighth part or share of all the oil saved from that produced on the premises, delivered free of expense into tank or pipe line to the lessor's credit and should any well or wells produce gas and/or gasoline in sufficient quantities to justify marketing the same, the lessor shall be paid at the rate of one-eighth the field market price based at the well head or dollars quarterly for each well so long as the gas therefrom is conveyed and sold off the premises, the first payment to mature sixty days after well is completed, and every three months thereafter, these payments being the full amount due the combined interested lessors.

Said lessee shall not be required, in any event, to increase the rate of said gas well payments, or said royalty of oil by reason of any royalty or interest in said oil or gas that may have been heretofore sold, reserved or conveyed by said lessor or predecessors in title or otherwise.

If lessor do not have title to all the oil and gas under the said premises, or if the acreage or area herein recited is in excess of the true quantity of land in said premises, lessor agrees on demand made to refund delay rentals and royalties paid and release lessee from the payment of future rentals or royalties in proportion to the outstanding title or difference between the recited and true acreage. In case of the failure of lessor to so refund, lessee shall have and is hereby given the right to apply future rentals or royalties on such overpayment until the amount thereof is paid, without in any way affecting the validity of said lease. If the recited acreage or area be found to be less than the quantity of land in said premises, lessee on demand made, shall pay any arrears or deficiency in rental payments on the basis of the excess of the true over the said recited acreage, and thereafter pay the rental under this lease on the basis of the true acreage.

Lessee at its option but without any obligation to do so, may pay and discharge any and all taxes, mortgages or other liens and encumbrances upon said premises in the event of default of payment by lessor and in that event shall be subrogated to all the rights of the holder or holders of such mortgages or other liens and encumbrances, with full right to enforce the same, or may retain for the payment of such taxes, mortgages or other liens and encumbrances the royalties and or rentals accruing hereunder until lessee has been reimbursed in full for such payments by it.

Provided, however, that this lease shall become null and void and all the rights thereunder shall cease and determine unless one well shall be completed on the said premises within 200 days from the date hereof, or unless the lessee shall pay at the rate of seventeen ($ 17.00) Dollars in advance for each additional three months such completion is delayed from the time above mentioned for the completion of said well until one well is completed.

All payments may be made to Hoffman Construction Inc.
3966 Teays Valley Rd, Hurricane, W. Va.

at

County/of State/of

or in the same manner to who is hereby appointed Agent for such purposes, and 10 days grace shall be allowed on all payments that may become due under provisions of this lease.

[illegible]

The lessors and lessees further agree that the lessees may unitize this lease or any portion thereof, with any other lease or leases or portions thereof, and such unitization shall be accomplished by the execution and filing by lessees in the aforesaid [illegible] of an instrument declaring its purpose to unitize and describing the leases and lands unitized, which unitization shall be as to the gas and gas rights only, and will unitize such amount of acreage as is customary in the area by the lessees with reasonable limits in accordance with the rules, regulations and limits of the West Virginia Oil and Gas Conservation Commission [illegible] and it is agreed that the royalty to be paid provided herein with respect to gas from gas wells shall be apportioned among the owners of such royalty on gas produced in the unitized area in the proportion that their acreage within the unit bears to the total acreage in the unit, and it being further agreed that any well drilled on such unit shall be for all purposes in well compliance with the provisions of each of the owners of land within the unit and shall satisfy the rental provisions of the lease [illegible] parts of which are in the same unit, and also it is agreed that lessees are under no obligation to drill more than one gas well in any such unit.

The well to be drilled and the appurtenances [illegible] are delineated on a map attached hereto and [illegible] exploration and production [illegible] insofar as the surface of the premises [illegible] is further agreed that the second party shall by paying all [illegible] be fully discharged from any and all [illegible] of the property covered by this contract in the event of such sucre[illegible] lands of other lessors.

[illegible] all agreements between the parties hereto shall extend to the [illegible] successors and assigns of the respective parties.

Signed, sealed and delivered in the presence of:

Deborah L. Horton

Hoffman Construction Co.
by D. M. Hoffman, Pres. (SEAL)
(SEAL)
Great Teays Corporation (SEAL)
By: (SEAL)
(SEAL)
(SEAL)
(SEAL)
(SEAL)
(SEAL)

This instrument prepared by V. Courtlandt Smith II

STATE OF WEST VIRGINIA,
County of Kanawha } To-wit:

I, [illegible], a Notary Public of said County of Kanawha do certify that [illegible] and ______ his wife, whose names are signed to the within writing, bearing date the [illegible] day of [illegible] A. D. 19[illegible], ha[illegible] this day acknowledged the same before me in my said County.

My commission expires [illegible] day of [illegible], A. D. 19[illegible]

Given under my hand this [illegible] day of [illegible], A. D. 19[illegible]

Notary Public.

STATE OF WEST VIRGINIA,
County of Kanawha } To-wit:

I, Deborah Lee Horton, a Notary Public of said County of Kanawha do certify that T. A. Galyean, Jr. and ______ his wife, whose names are signed to the within writing, bearing date the 14 day of September A. D. 19 82, has this day acknowledged the same before me in my said County.

My commission expires 29 day of November, A. D. 1986

Given under my hand this 14 day of September, A. D. 1982

Deborah Lee Horton
Notary Public.

STATE OF WEST VIRGINIA,
County of ______ } To-wit:

I, ______, a ______ of said County of ______ do certify that ______ and ______ his wife, whose names are signed to the within writing, bearing date the ______ day of ______ A. D. 19___, ha___ this day acknowledged the same before me in my said County.

My commission expires ______ day of ______, A. D. 19___

Given under my hand this ______ day of ______, A. D. 19___

Notary Public.

OIL AND GAS LEASE

FROM ______

TO ______

Date ______ 19___
Term of Years ______
No. Acres ______
On the Waters of ______
District ______
County ______

State of West Virginia
Received ______ 19___
at ______ o'clock ___ M.
Recorded in ______ County,
Record of Leases, Vol. ______ Page ______
Clerk's Fee, $ ______ County Clerk.

RECEIVED
JUL 28 1983
OIL & GAS DIVISION
DEPT. OF MINES

IV-35
(Rev 8-81)

State of West Virginia
Department of Mines
Oil and Gas Division

Date JULY 26 1983
Operator's Well No. C-25
Farm HOFFMAN CONST CO
API No. 47 - 079 - 1105

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 ___ / Shallow ___ /)

LOCATION: Elevation: 677.8 Watershed POPLAR FORK CREEK
District: SCOTT County PUTNAM Quadrangle ___

COMPANY TEAVEE OIL &GAS CO
ADDRESS BOX 27 WINFIELD WV 25213
DESIGNATED AGENT H.G MAY
ADDRESS 334 20 TH ST DUNBAR WV 25064
SURFACE OWNER HOFFMAN CONST. CO
ADDRESS 3966 TEAS VALLEY ROAD HURRICANE WV
MINERAL RIGHTS OWNER HOFFMAN CONST. CO
ADDRESS 3966 TEAS VALLEY ROAD HURRICANE WV
OIL AND GAS INSPECTOR FOR THIS WORK K. BUTCHER ADDRESS BARBOURSVILLE WV
PERMIT ISSUED NOV. 29 1982
DRILLING COMMENCED 1/18/83
DRILLING COMPLETED 1/23/83
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"	279	279	100 CU. FT
9 5/8			
8 5/8			
7	1915	1915	150 CU FT
5 1/2			
4 1/2			
3	4225	4225	150 CU FT
2			
Liners used			

GEOLOGICAL TARGET FORMATION MARCELLUS SHALE Depth 4238 feet
Depth of completed well 4238 feet Rotary ___ / Cable Tools X
Water strata depth: Fresh 65 feet; Salt 1049 feet
Coal seam depths: NO COAL Is coal being mined in the area? ___

OPEN FLOW DATA

Producing formation MARCELLUS & BROWN SHALE Pay zone depth 3564 to 4109 feet
Gas: Initial open flow SHOW Mcf/d Oil: Initial open flow ___ Bbl/d
Final open flow 60 THOUSAND Mcf/d Final open flow ___ Bbl/d
Time of open flow between initial and final tests 12 hours
Static rock pressure 870 psig (surface measurement) after 32 hours shut in
(If applicable due to multiple completion--)
Second producing formation ___ 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)

FORM IV-35
(REVERSE)

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

PERF. 3½" TUBING 3564 3614 3680 4070 & 4109 FT

FRAC. 7/12/83

FULL FOAM 60.000 # SAND 20/40 360 BBL. WATER 815.000 NITROGEN

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
SAND	00	43	
RED ROCK	43	483	
SAND	483	558	
SLATE	558	999	
SALT SAND	999	1351	
SLATE	1351	1361	
MAXON SAND	1361	1401	
LITTLE LIME	1401	1419	
PENCIL	1419	1424	
BIG LIME	1124	1584	
KENNER SAND	1584	1614	
LIME	1614	1639	
INJUN SAND	1639	1697	
LIME	1697	2126	
BR. SHALE	2126	2176	
BEREA SAND	2176	2199	
LIME SHELLS	2199	3602	
BROWN SHALE	3602	3782	
SLATE	3782	4135	
MARCELLUS	4135	4238	

(Attach separate sheets as necessary)

V TEAVEE OIL & GAS CO
Well Operator

By: H. G. May Agt.
Date: 7/26/83

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."

OG-11

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

RECEIVED

JAN 24 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 47-079-1105

Oil or Gas Well _____ (KIND)

Company Tearse Oil & Gas Co.

Address Winfield, W.Va.

Farm Hoffman Const. Co.

Well No. C-25

District Seats County _____

Drilling commenced 1-17-83

Drilling completed Run 10 3/4" pipe at 262 Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10 10 3/4"	262	Cemented to	Size of
8 1/4	Surface by	Well Service	
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Pusher Pinson

Contr. F.W.A. Drilling Co.

Remarks:

1-19-83
DATE

1503 K. E. Butcher
DISTRICT WELL INSPECTOR

Form 26
2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No._____ Well No._____

COMPANY_____ ADDRESS_____

FARM_____ DISTRICT_____ COUNTY_____

Filling Material Used_____

Liner Location Amount Packer Location

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names_____

Remarks:

_____ I hereby certify I visited the above well on this date.
DATE

_____
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

RECEIVED
MAY 29 1984
OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REQUEST

INSPECTOR'S COMPLIANCE REPORT

Permit No. 079-1105 County Putnam/Scott

Company Teavee Oil & Gas Co. Farm Hoffman Constr. Co.

Inspector JERRY M. TEPHABOCK Well No. C-25

Date August 3, 1983

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 Strength		
23.02	Maintained Access Roads	✓	
25.01	Necessary Equipment to prevent Waste		
23.03	Reclaimed Drilling Site	✓	
23.04	Reclaimed Drilling Pits	✓	
23.05	No surface or underground Pollution	✓	
7.03	Identification Markings	✓	

COMMENTS:

I have inspected the above well and (HAVE/~~HAVE NOT~~) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

5-23-84 SIGNED: Jerry Tephabock

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

WALTER N. MILLER
DIRECTOR

May 30, 1984

THEODORE M. STREIT
ADMINISTRATOR

Teavee Oil & Gas, Inc.
1901 Kanawha Valley Building
Charleston, W.Va. 25301

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

PERMIT NUMBER	FARM AND WELL NUMBER	DISTRICT
079-0912	Hattie Fewell etal. # 98	Buffalo
079-1105	Hoffman Construction # C-25	Scott
079-1110	Squire & Cora Hartly # 101	Union

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

Theodore M. Streit, Administrator
Office of Oil & Gas-Dept. Mines

TMS/ Chm

DATE 1-18-83

WELL SERVICE, INC.

19TH FLOOR KANAWHA VALLEY BLDG., CHARLESTON, W. VA. 25301

FIELD SERVICE TICKET NO. (DA) 10322

Company Teduree Oil + Gas — Time called for 7 P.M. — Time on job 7 P.M.

P. O. - Street — Job started 9 P.M. — Finished 10 P.M.

City - State Winfield WV — Waiting time — Road Condition Wet

Lease Great Teds Hoffman — Well No. C-25 — Tractor Used Hughes

County Put. — State WV — Contractor Fure — Unit No. 91-122

SALES SERVICE ENGINEER WORK DATA

It is mutually agreed by both parties involved that WELL SERVICE, INC., equipment No. 91-122 is leased to _____ and will operate under their supervision. Our Engineer, and his crew will, in a competent and cooperative manner, efficiently operate the equipment and with additional assistance, if needed, to be furnished by the lessee. Due to many unknown and variable conditions, of which we have no mutual knowledge or control, it requires WELL SERVICE, INC. not to assume any responsibility toward unsuccessful results or incompletion of the operation.

Sales Service Engineer Don Harvey Dorell — Crew _____

Company _____ — Supervisor _____

Casing Size	TUBING SIZE	PACKER SET	Wt.	Depth
10 3/4				276

Total Depth	Bridge Top
291	

Type Operation:

- Casing pressure cement
- Casing Balance cement
- Casing Comb. Gel-cement
- Casing Squeeze cement
- Prepare Mud
- Plugging Gel-cement
- Pumping Casing-Tubing
- Formation Cement Squeeze
- Formation Chem. Squeeze
- Killing well mud-water
- Acidizing
- Cement Plug Back

Special Tool Used.

Materials:

Name Cement
Type Bulk
Sacks 100 Cu Ft
Gallons
Wt. per gal.
Ad-mix 200# Calcium
Other
Viscosity
Temp.

Hole Condition:

Fluid Water
Gas @
Pipe leaking
Shoe leaking

General Charges:

Job	600.00	Type	
Xtra Pumping		Hrs.	
Wait on Job		Hrs.	
Mileage		R. T.	
Material	550.00	Name	100 Cu Ft Cement
Material	37.50	Name	200# Calcium
Material		Name	
Material		Name	
Xtra Unit		Hrs.	
Stand By Unit	125.00	Type	Bulk Material
Trans.	~~125.00~~	Type	
Chemical		Gals.	
Special Plugs		Type	
TOTAL CHARGES	$1312.00		

Size Open Hole

Acidizing or Chemical Data

Name Formation
Character Formation
Gas/Oil Volume
Rock Pressure
Type Acid/Chemical
Gallons — %
#1 Stage — #2
1st Pay
2nd Pay
Injection Rate

COMPLETION REPORT

Normal pump pressure 150 — Max. 300 — Return circulation at surface Cement

Return circulation of materials

General Remarks: 100 Cu Ft Cement 200# Calcium Displaced Outside 10 3/4 Casing

WELL SERVICE, INC.

19TH FLOOR KANAWHA VALLEY BLDG., CHARLESTON, W. VA. 25301

FIELD SERVICE TICKET NO. (DA) 10323

DATE 1-20-83

Company Tedwee Oil & Gas Co. Time called for 9 Pm Time on job 9 Pm

P. O. - Street Job started 10 Pm Finished 1130

City - State Winfield WV Waiting time Road Condition Mud

Lease Great Trds Hoffman Well No. C-25 Tractor Used Moles

County Putnam State WV Contractor Tera Rig 15 Unit No. 91-122

SALES SERVICE ENGINEER WORK DATA

It is mutually agreed by both parties involved that WELL SERVICE, INC., equipment No. _____ is leased to _____ and will operate under their supervision. Our Engineer, and his crew will, in a competent and cooperative manner, efficiently operate the equipment and with additional assistance, if needed, to be furnished by the lessee. Due to many unknown and variable conditions, of which we have no mutual knowledge or control, it requires WELL SERVICE, INC. not to assume any responsibility toward unsuccessful results or incompletion of the operation.

Sales Service Engineer Don Harvey Donny Dorrell Crew

Company Supervisor

Type Operation:

- Casing pressure cement
- Casing Balance cement
- Casing Comb. Gel-cement
- Casing Squeeze cement
- Prepare Mud
- Plugging Gel-cement
- Pumping Casing-Tubing
- Formation Cement Squeeze
- Formation Chem. Squeeze
- Killing well mud-water
- Acidizing
- Cement Plug Back

Special Tool Used: 3 Centralizers Guide shoe

Materials:

Name Cement

Type Bulk

Sacks

Gallons

Wt. per gal.

Ad-mix

Other

Viscosity

Temp.

Hole Condition:

Fluid

Gas @

Pipe leaking

Shoe leaking

General Charges:

Job	700.00	Type	
Xtra Pumping		Hrs.	
Wait on Job		Hrs.	
Mileage		R. T.	
Material	550.00	Name	100 Cu Ft Cement
Material	37.00	Name	200# Calcium
Material		Name	
Material		Name	
Xtra Unit		Hrs.	
Stand By Unit		Type	
Trans.	150.00	Type	Bulk
Chemical		Gals.	
Special Plugs	49.00	Type	Top Rubber Plug
TOTAL CHARGES	$1486.00		

Casing Size 7

TUBING SIZE

PACKER SET

Wt.

1915 Depth

Size Open Hole

Total Depth

Bridge Top

COMPLETION REPORT

Normal pump pressure 150 Max. 650 Return circulation at surface Water

Return circulation of materials

General Remarks: 100 Cu Ft Cement Displaced Outside 7" Casing with Rubber Plug

Acidizing or Chemical Data

Name Formation

Character Formation

Gas/Oil Volume

Rock Pressure

Type Acid/Chemical

Gallons %

#1 Stage #2

1st Pay

2nd Pay

Injection Rate

079-1105

DATE 6-25-83

WELL SERVICE, INC.

19TH FLOOR KANAWHA VALLEY BLDG., CHARLESTON, W. VA. 25301

FIELD SERVICE TICKET NO. (DA) 10501

Company Tedvee Oil & Gas Co
P. O. - Street /
City - State Winfield WV
Lease West
County Putnam
State WV
Time called for
Job started
Waiting time
Well No. C-25
Contractor SAME
Time on job
Finished
Road Condition
Tractor Used
Unit No. 106-122

SALES SERVICE ENGINEER WORK DATA

It is mutually agreed by both parties involved that WELL SERVICE, INC., equipment No. 106-122 is leased to ..... and will operate under their supervision. Our Engineer, and his crew will, in a competent and cooperative manner, efficiently operate the equipment and with additional assistance, if needed, to be furnished by the lessee. Due to many unknown and variable conditions, of which we have no mutual knowledge or control, it requires WELL SERVICE, INC. not to assume any responsibility toward unsuccessful results or incompletion of the operation.

Sales Service Engineer May Don Harvey Davis
Crew
Company
Supervisor

Casing Size	TUBING SIZE	PACKER SET	Wt.	Depth
7	3 1/2			1818

Size Open Hole	Total Depth	Bridge Top
4218	4230	

Type Operation:

- Casing pressure cement
- (Casing Balance cement)
- Casing Comb. Gel-cement
- Casing Squeeze cement
- Prepare Mud
- Plugging Gel-cement
- Pumping Casing-Tubing
- Formation Cement Squeeze
- Formation Chem. Squeeze
- Killing well mud-water
- Acidizing
- Cement Plug Back

10 Centralizers

Special Tool Used. Lock Down Plug Guide Shoe

Materials:

Name Cement
Type Bulk
Sacks 150 Cu Ft
Gallons
Wt. per gal.
Ad-mix
Other 12 Sks Aquagel
Viscosity
Temp.

Hole Condition:

Fluid
Gas @ ✓
Pipe leaking
Shoe leaking

General Charges:

Job	700.00	Type	
Xtra Pumping		Hrs.	
Wait on Job		Hrs.	
Mileage		R. T.	
Material	862.50	Name	
Material	170.52	Name	
Material		Name	
Material		Name	
Xtra Unit		Hrs.	
Stand By Unit		Type	
Trans.	150.00	Type	
Chemical		Gals.	
Special Plugs	146.00	Type	Lock Down Plug & Baffel

TOTAL CHARGES 2029.92

COMPLETION REPORT

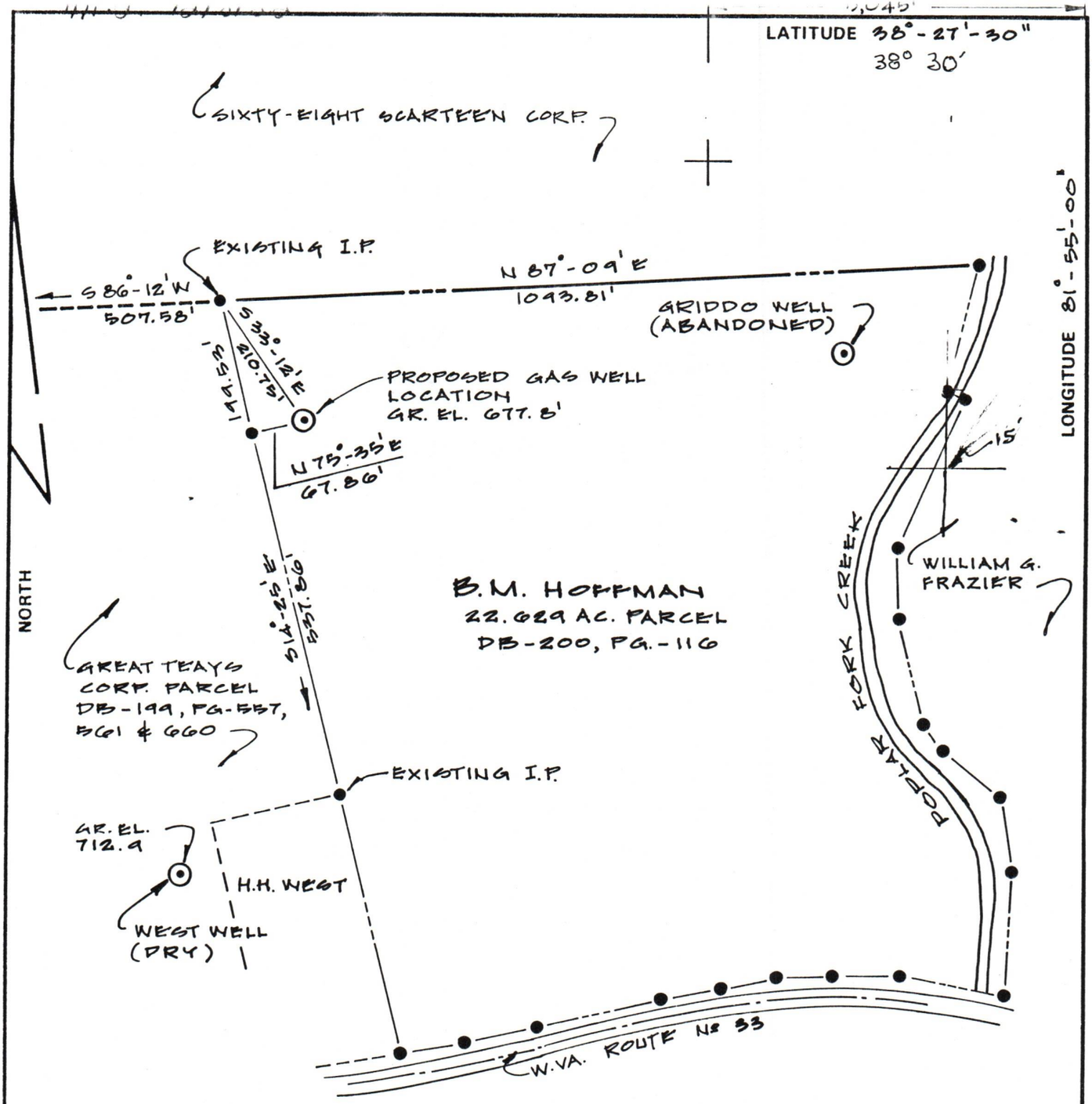
Normal pump pressure 150 Max. 200 Return circulation at surface

Return circulation of materials 10 Sks Aquagel Run Ahead of Cement

General Remarks: 150 Cu Ft Cement Lock Down Plug Displaced To Baffel 4218 Ft

Acidizing or Chemical Data

Name Formation
Character Formation
Gas/Oil Volume
Rock Pressure
Type Acid/Chemical
Gallons %
#1 Stage #2
1st Pay
2nd Pay
Injection Rate



FILE NO. _____
DRAWING NO. _____
SCALE 1" = 200'
MINIMUM DEGREE OF ACCURACY 1 : 200
PROVEN SOURCE OF ELEVATION U.S.G.S.

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) M. M. Mullins
R.P.E. _____ L.L.S. 438

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE NOVEMBER - 24, 19 82
OPERATOR'S WELL NO. C-25
API WELL NO.
47 - 079 - 1105
STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WELL TYPE: OIL ___ GAS ✓ LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 677.8' WATER SHED POPLAR FORK
DISTRICT SCOTT COUNTY PUTNAM
QUADRANGLE SCOTT DEPOT
SURFACE OWNER B.M. HOFFMAN ACREAGE 22.629
OIL & GAS ROYALTY OWNER HOFFMAN CONSTRUCTION LEASE ACREAGE 34
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 SHALE ESTIMATED DEPTH 4200
WELL OPERATOR TEAVEE OIL & GAS INC. DESIGNATED AGENT HOWARD MAY
ADDRESS P.O. BOX 27 WINFIELD W.VA. ADDRESS P.O. BOX 27 WINFIELD W.VA.

PWT. 1105

H. T. HALL ← FORM IV-6 (8-78)