



1) Date: May 29, 19 84  
 2) Operator's Well No. Whitis No. 1  
 3) API Well No. 47 - 001 - 2073  
 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: 1869.25 Watershed: Koontz Hollow of Sugar Creek (MT-240)  
 District: Barker County: Barbours Quadrangle: Belington 7.5' (1976)  
 6) WELL OPERATOR Chesterfield Energy Corp. 7) DESIGNATED AGENT Stanley N. Pickens  
 Address 319-320 Professional Bldg. Address 319-320 Professional Bldg.  
Clarksburg, WV 26301 Clarksburg, WV 26301  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Philip Tracy Russell Beall Name Unknown  
 Address Forest Festival Terrace, Apt. 24 P.O. Box 160 Address \_\_\_\_\_  
866-4608 Elkins, WV 26241 Philippi, WV  
 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, Alexander  
 12) Estimated depth of completed well, 4450 feet  
 13) Approximate strata depths: Fresh, 240 feet; salt, -- feet.  
 14) Approximate coal seam depths: 165 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	11 3/4	H-40	42		x	16	16		
Fresh water									
Coal									
Intermediate	8 5/8	J-55	23	x		1200	1200	Circulate to surface as req. by	
Production	4 1/2	J-55	10.5	x			4400		
Tubing									
Liners									

RECEIVED  
 JUN 4 1984  
 DEPT. OF MINES  
 OIL & GAS DIVISION  
 JUN 4 1984  
 P. 150K

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-001-2073 Date June 4, 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 June 4, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>MHI</u>	Plat: <u>MHI</u>	Casing: <u>MHI</u>	Fee: <u>3792</u>
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*[Signature]*  
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

Form sections 4-15 including Well Location, Well Operator, Oil & Gas Inspector, Proposed Well Work, Geological Target Form, and casing and tubing program.

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

Table with columns for Date and Date(s) for various events: Application received, Well work started, Completion of the drilling process, Well Record received, Reclamation completed.

OTHER INSPECTIONS

Reason: [Handwritten text]
Reason: [Handwritten text]

Table with columns for Agent, Firm, Date, Fee, and other inspection details.

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

**SURFACE OWNER'S COPY**



1) Date: May 29, 19 84  
2) Operator's Well No. Whitig No. 1  
3) API Well No. 47 State 001 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: 1869.25 Watershed: Kiowitz Hollow  
District: Barber County: Barbour Quadrangle: Belington 7.5' (1076)
- 6) WELL OPERATOR Chesterfield Energy Corp. 7) DESIGNATED AGENT Stanley L. Pickens  
Address 319-320 Professional Bldg. Address 319-320 Professional Bldg.  
Clarksburg, WV 26301 Clarksburg, WV 26301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
Name Philip Tracy Name Unknown  
Address Forest Festival Terrace, Apt. 24 Address \_\_\_\_\_  
Elkins, WV 26241
- 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, Alexander  
12) Estimated depth of completed well, 4450 feet  
13) Approximate trata depths: Fresh, 240 feet; salt, --- feet.  
14) Approximate coal seam depths: 165 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	<u>1 3/4</u>	<u>H-40</u>	<u>42</u>		<input checked="" type="checkbox"/>	<u>16</u>	<u>16</u>			Kinds
Fresh water										Sizes
Coal										
Intermediate	<u>3 5/8</u>	<u>J-55</u>	<u>23</u>	<input checked="" type="checkbox"/>		<u>1200</u>	<u>1200</u>	<u>Circulate</u>		Depths set
Production	<u>4 1/2</u>	<u>J-55</u>	<u>10.5</u>	<input checked="" type="checkbox"/>			<u>4400</u>			
Tubing										Perforations:
Liners										Top Bottom

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.)

(For execution by natural persons)

NAME: \_\_\_\_\_  
By \_\_\_\_\_  
Its \_\_\_\_\_ Date \_\_\_\_\_

Robert B. Whitig Date: 5/29/84  
(Signature)  
\_\_\_\_\_  
(Signature)

Surface Owner

**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: June 1, 19 84  
2) Operator's Well No. Whitis #1 Well  
3) API Well No. 47-001-2073  
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 Robert Whitis  
Address c/o Coronado Transmission Co.  
Belington, WV 26250  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR \_\_\_\_\_  
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 specifics.)
- 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 Stanley N. Pickens this 1 day of June, 19 84.  
My commission expires 11/23, 19 91.  
Samuel Harrison  
Notary Public, Harrison County,  
State of West Virginia

WELL OPERATOR Chesterfield Energy Corporation  
By Stanley N. Pickens  
Its President  
Address 320 Professional Building  
Clarksburg, WV 26301  
Telephone (304) 623-5467

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.

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INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that 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:

Grantor, lessor, etc.                      Grantee, lessee, etc.                      Royalty                      Book Page

*Handwritten signature: Robert A. Johnson*

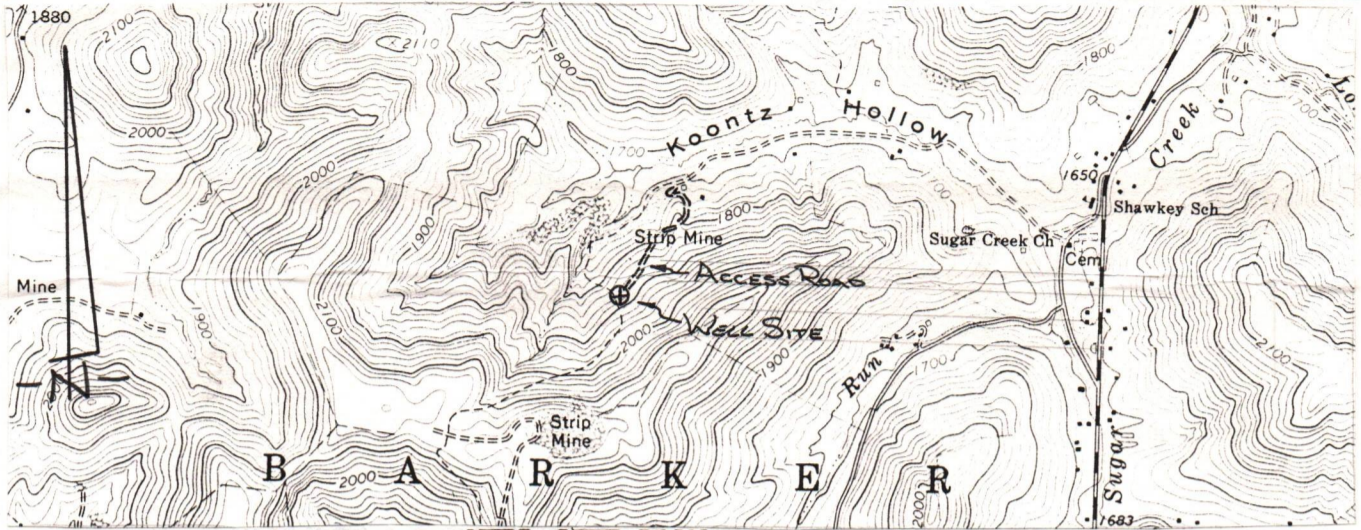
*Handwritten signature: [illegible]*

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Belington 7.5' (1976)

**LEGEND**

Well Site ⊕

Access Road ———



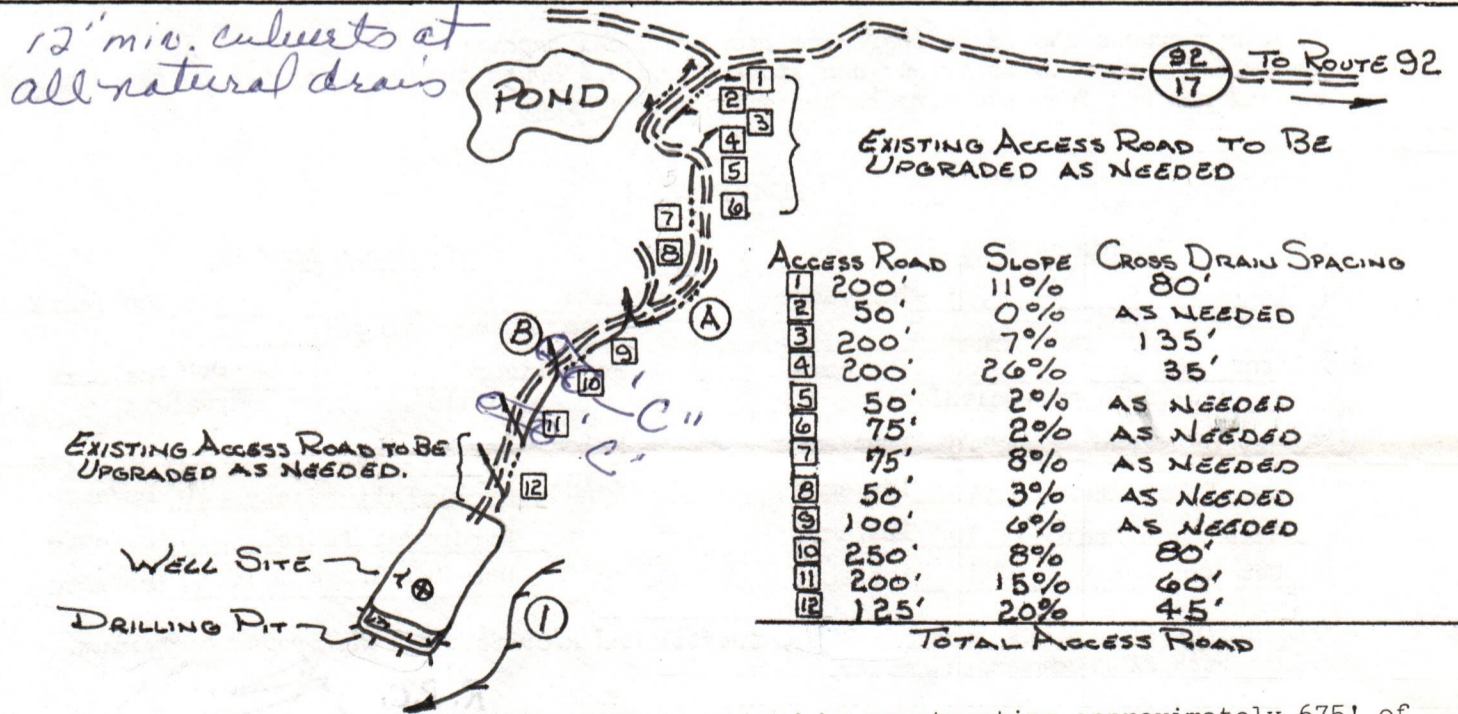
WELL SITE PLAN

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 —
- Planned fence — / — / —
- Stream ~ ~ ~ ~ ~
- Open ditch — ···· — ···· — ···· —
- Diversion // // // // //
- Spring ○ →
- Wet spot ☉
- Building ■
- Drain pipe — ○ — ○ — ○ — ○ —
- Waterway ← = = = = =

NOT TO SCALE



Comments: Access to the well site will be gained by constructing approximately 675' of new access road and upgrading as needed 900 feet of existing access road, beginning at a junction point in the Barbour County Route 92/17. The access road will be sloped at 2-3% towards the open ditch. All outlets of drainage structures and ditches will be to stable areas. The well location will be located in a flat cleared area. All brush and timber will be removed from the area to be disturbed prior to any earth moving activities. The road and well site will be brought to desired grade with erosion control structures being installed in conjunction with the grading. Natural vegetation (filter strip) will remain undisturbed in areas between construction and natural water courses.

*All cuts 2:1 or less.  
Stackpile topsoil*



IV-9  
(Rev 8-81)

DATE May 25, 1984  
WELL NO. Whitis No. 1  
API NO. 47 - 001 - 2073

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Chesterfield Energy Corp. 319-320 Professional Bldg. DESIGNATED AGENT Stanley N. Pickens 319-320 Professional Bldg.  
Address Clarksburg, WV - 26301 Address Clarksburg, WV 26301  
Telephone 304-623-5467 Telephone 304-623-5467  
LANDOWNER Bob Whitis SOIL CONS. DISTRICT Tygart Valley  
Revegetation to be carried out by Stanley N. Pickens (Agent)

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

6/1/84  
(Date)  
Jean Freeman  
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u> (A) Along access road Spacing <u>Inside road cuts</u> Page Ref. Manual <u>2-12 to 2-14</u>	Structure <u>Diversion Ditch</u> (1) Material <u>Earth</u> Page Ref. Manual <u>2-12 to 2-13</u>
Structure <u>Cross Drains</u> (B) Spacing <u>As noted on sketch</u> Page Ref. Manual <u>2-1 to 2-6</u>	Structure _____ (2) Material _____ Page Ref. Manual _____
Structure <u>CULVERTS-12" MIN.</u> (C) Spacing <u>AT NATURAL DRAINS</u> Page Ref. Manual _____	Structure _____ (3) Material _____ 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 3.0 Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay or straw 2.0 Tons/acre  
Seed\* Ky 31 Tall Fescue 40 lbs/acre  
Birdsfoot Trefoil 10 lbs/acre  
Dom Rye Grass 10 lbs/acre

Treatment Area II

Lime 3.0 Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay or straw 2.0 Tons/acre  
Seed\* Ky 31 Tall Fescue 40 lbs/acre  
Birdsfoot Trefoil 10 lbs/acre  
Dom Rye Grass 10 lbs/acre

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

R.R.C.

PLAN PREPARED BY MSES Consultants  
ADDRESS 609 West Main Street  
Clarksburg, WV 26301  
PHONE NO. 304-624-9700, 842-3325

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



Being Recorded

ASSIGNMENT AGREEMENT

THIS ASSIGNMENT AGREEMENT, made this 22nd day of May, 1984, by and between ROBERT WHITIS and JAMES A. VARNER, dba Vartis Associates, party of the first part, hereinafter called "Vartis," and CHESTERFIELD ENERGY CORPORATION, a West Virginia corporation, party of the second part, hereinafter called "Chesterfield."

WITNESSETH, that for and in consideration of the sum of One Dollar (\$1.00) and other valuable consideration, including a two percent (2%) overriding royalty interest in the oil and gas produced from each and every well drilled upon said leasehold estate hereby assigned, cash in hand paid by Chesterfield to Vartis, the receipt of which is acknowledged, Vartis does hereby assign, transfer and set over unto Chesterfield all of its right, title and interest in and to that certain leasehold estate situate in Barker District, Barbour County, West Virginia, described with more particularity in that certain lease agreement dated May 10, 1984, by and between Robert Whitis and Evelyn Whitis, his wife, parties of the first part, and Robert Whitis and James A. Varner, partners trading and doing business as Vartis Associates, parties of the second part, which said lease is to be placed of record in the office of the Clerk of the County Commission of Barbour County, West Virginia, and which said leasehold estate contains 170 acres, excepting and reserving only that certain lease for one well and its drainage area, being that certain well that is the subject of an agreement dated the 4th day of May, 1984, by and between Robert Whitis and Evelyn Whitis, his wife, and Continental Reserves 1980-C, a Pennsylvania limited partnership, which said agreement is likewise to be placed of record in the said Clerk's office.

Chesterfield agrees to abide by and honor the terms and conditions of the said lease hereby assigned, including but not limited to the prompt payment of all royalties due to the original lessors, and to do all things necessary to keep the said lease in full force and effect. Chesterfield shall indemnify and save harmless Vartis Associates from any claims, demands, suits or other such demands arising out of the performance by Chesterfield of the duties and obligations of said lease agreement. Other than the aforesaid two percent (2%) overriding royalty interest, Vartis reserves no right, title and interest in and to the said leasehold estate.

Witness the following signatures:

OIL & GAS DIVISION  
DEPT. OF MINES

RECEIVED  
JUN 4 1984

VARTIS ASSOCIATES  
By Robert Whitis  
Robert Whitis

And James A. Varner  
James A. Varner

CHESTERFIELD ENERGY CORPORATION  
By Samuel D. [Signature]  
Its Superintendent Dept.

PARTICIPANTS:

DATE: JUL 30 1984

BUYER-SELLER

WELL OPERATOR:

Chesterfield Energy Corporation

FIRST PURCHASER:

Tenneco

OTHER:

W. Va. Department of Mines, Oil & Gas Division  
WELL DETERMINATION FILE NUMBER

840702 -103-001: 2073

Use Above File Number on all Communications  
Relating to Determination of this Well

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 \_\_\_\_\_ Items not completed - Line No. \_\_\_\_\_
- 2. IV-1 Agent \_\_\_\_\_
- 3. IV-2 Well Permit \_\_\_\_\_
- 4. IV-6 Well Plat \_\_\_\_\_
- 5. IV-35 Well Record \_\_\_\_\_ Drilling \_\_\_\_\_ Deepening \_\_\_\_\_
- 6. IV-36 Gas-Oil Test: Gas Only \_\_\_\_\_ Was Oil Produced? \_\_\_\_\_ Ratio \_\_\_\_\_
- 7. IV-39 Annual Production \_\_\_\_\_ years
- 8. IV-40 90 day Production \_\_\_\_\_ Days off line: \_\_\_\_\_
- 9. IV-48 Application for certification. Complete? \_\_\_\_\_
- 10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? \_\_\_\_\_ Affidavit Signed \_\_\_\_\_
- 18-28. Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_  
Structure Map \_\_\_\_\_ 1: 4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_  
Gas Analyses \_\_\_\_\_
- (5) Date commenced: \_\_\_\_\_ Date completed \_\_\_\_\_ Deepened \_\_\_\_\_
- (5) Production Depth: \_\_\_\_\_
- (5) Production Formation: \_\_\_\_\_
- (5) Final Open Flow: \_\_\_\_\_
- (5) After Frac. R. P. \_\_\_\_\_
- (6) Other Gas Test: \_\_\_\_\_
- (7) Avg. Daily Gas from Annual Production: \_\_\_\_\_
- (8) Avg. Daily Gas from 90-day ending w/1-120 days \_\_\_\_\_
- (9) Line Pressure: \_\_\_\_\_
- (10) Oil Production: \_\_\_\_\_ From Completion Period: \_\_\_\_\_
- 10-17. Does lease inventory indicate enhanced recovery being done \_\_\_\_\_
- 10-17. Is affidavit signed? \_\_\_\_\_ Notarized? \_\_\_\_\_
- Does official well record with the Department confirm the submitted information? \_\_\_\_\_
- Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
- Was Determination Checked to \_\_\_\_\_ By Whom? \_\_\_\_\_

Date June 29, 19 84

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

Operator's Well No Whitis #1 Well

API Well No 47 - 001 - 2073  
State County Permit

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL

MGPA Section 103

DESIGNATED AGENT Stanley N. Pickens

ADDRESS 320 Professional Building  
Clarksburg, WV 26301

WELL OPERATOR Chesterfield Energy Corp.

LOCATION: Elevation 1869.25'

ADDRESS 320 Professional Building  
Clarksburg, WV 26301

Watershed Koontz Hollow of Sugar Creek

GAS PURCHASER Tenneco

Dist. Barker County Barbour Quad Belington

ADDRESS 546 US Steel Bldg., 600 Grant St.  
Pittsburgh, PA 15219

Gas Purchase Contract No \_\_\_\_\_

Meter Chart Code \_\_\_\_\_

Date of Contract \_\_\_\_\_

\* \* \* \* \*

Date surface drilling was begun: June 9, 1984

Indicate the bottom hole pressure of the well and explain how this was calculated:

$$BHP = P1 + P1 (e_x - 1)$$

- P1 = 670
- G = .65
- T = 560
- X = GL/53.34
- L = 4471
- BHP = 1833.6

AFFIDAVIT

I, Stanley N. Pickens, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

Stanley N. Pickens

STATE OF WEST VIRGINIA.

COUNTY OF Harrison TO WIT:

I, Linda M. Seckman, a Notary Public in and for the state and county aforesaid, do certify that Stanley N. Pickens whose name is signed to the writing above, bearing date the 29 day of June, 19 84, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 29 day of June, 19 84.

My term of office expires on the 21 day of December, 19 87.

[NOTARIAL SEAL]

Linda M. Seckman  
Notary Public

Commissioned as Linda M. Sendling

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

Date June 29, 19 84

Operator's Well No. Whitis #1 Well

API Well No. 47 - 001 - 2073  
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. \_\_\_\_\_  
(If Applicable)

WELL OPERATOR Chesterfield Energy Corporation

DESIGNATED AGENT Stanley N. Pickens, President

ADDRESS 320 Professional Building  
Clarksburg, WV 26301

ADDRESS 320 Professional Building  
Clarksburg, WV 26301

Gas Purchase Contract No. \_\_\_\_\_ and Date \_\_\_\_\_  
Meter Chart Code \_\_\_\_\_ (Month, day and year)

Name of First Purchaser Tenneco  
5646 U.S. Steel Bldg., 600 Grant St.  
(Street or P. O. Box)  
Pittsburgh, PA 15219  
(City) (State) (Zip Code)

FERC Seller Code 003449 FERC Buyer Code \_\_\_\_\_

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) Section of NGPA 103 Category Code \_\_\_\_\_
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Stanley N. Pickens President  
Signature Stanley N. Pickens Title  
320 Professional Building  
Street or P. O. Box  
Clarksburg, WV 26301  
City State (Zip Code)  
304 623-5467  
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request,  for certification of the above described well as meeting the requirements of Section \_\_\_\_\_ under the Natural Gas Policy Act of 1978. (NGPA);  or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA);  or for determination of a seasonally affected well under Section 108 of (NGPA)

All interested parties are hereby notified that on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. \_\_\_\_\_

Initial review of information submitted indicates the well  is.  is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

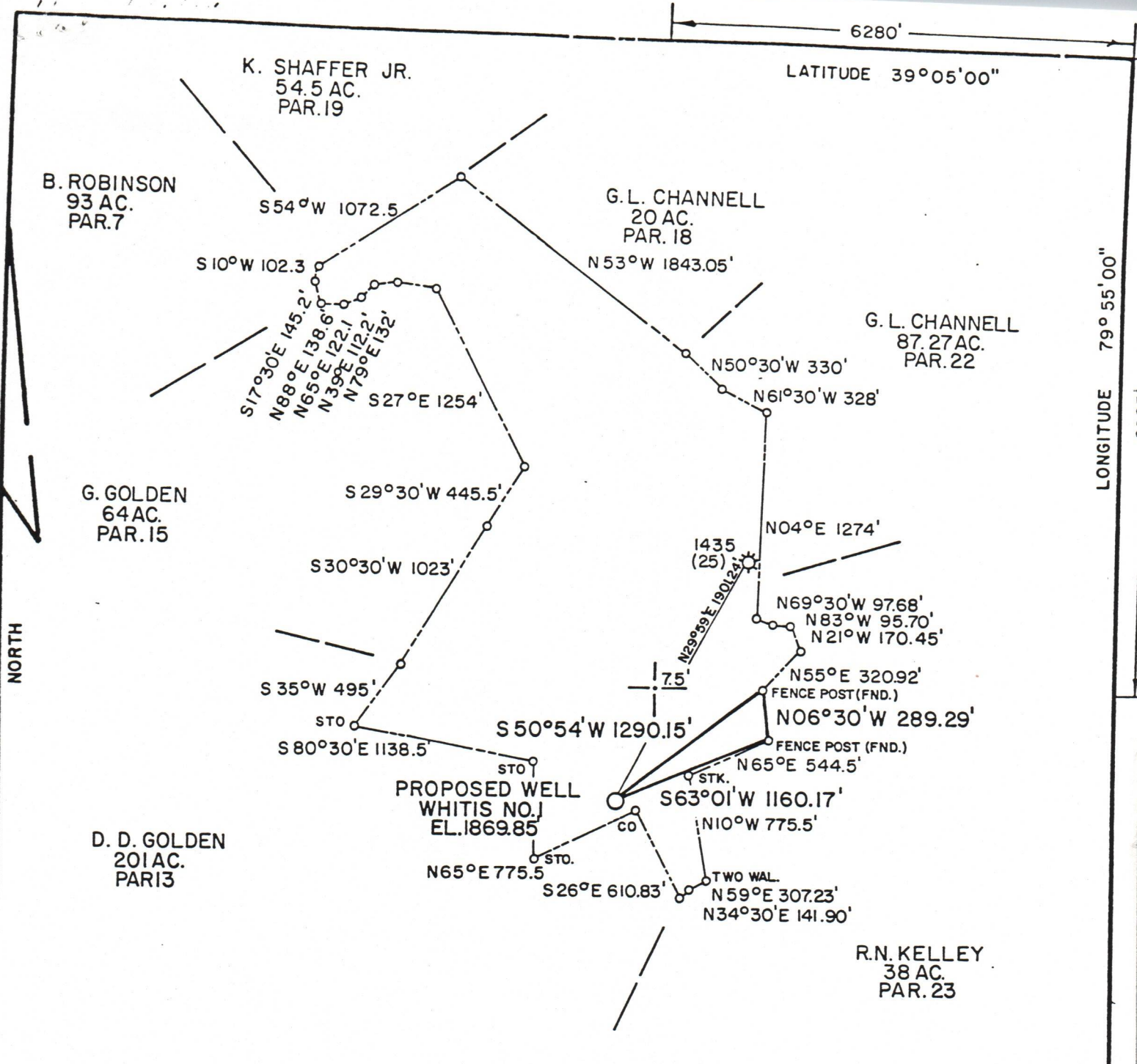
Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

JUL - 2 1984

Date received by \_\_\_\_\_  
Jurisdictional Agency

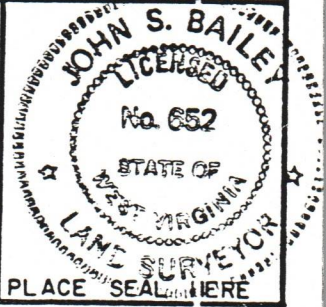
Director  
By [Signature]  
Title \_\_\_\_\_



REFERENCE TIE LINES,  
 PROPOSED WELL TO 18" BEECH S13°28'E (MAG.) 179.71'  
 PROPOSED WELL TO 10" RED MAPLE N03°46'W (MAG.) 102.63'

FILE NO. MSES 84-407  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200  
 PROVEN SOURCE OF ELEVATION RD. JCT. RT. 92 & 92/27  
EL. 1650'

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) John S. Bailey  
 R. P. E. \_\_\_\_\_ L. L. S. 652



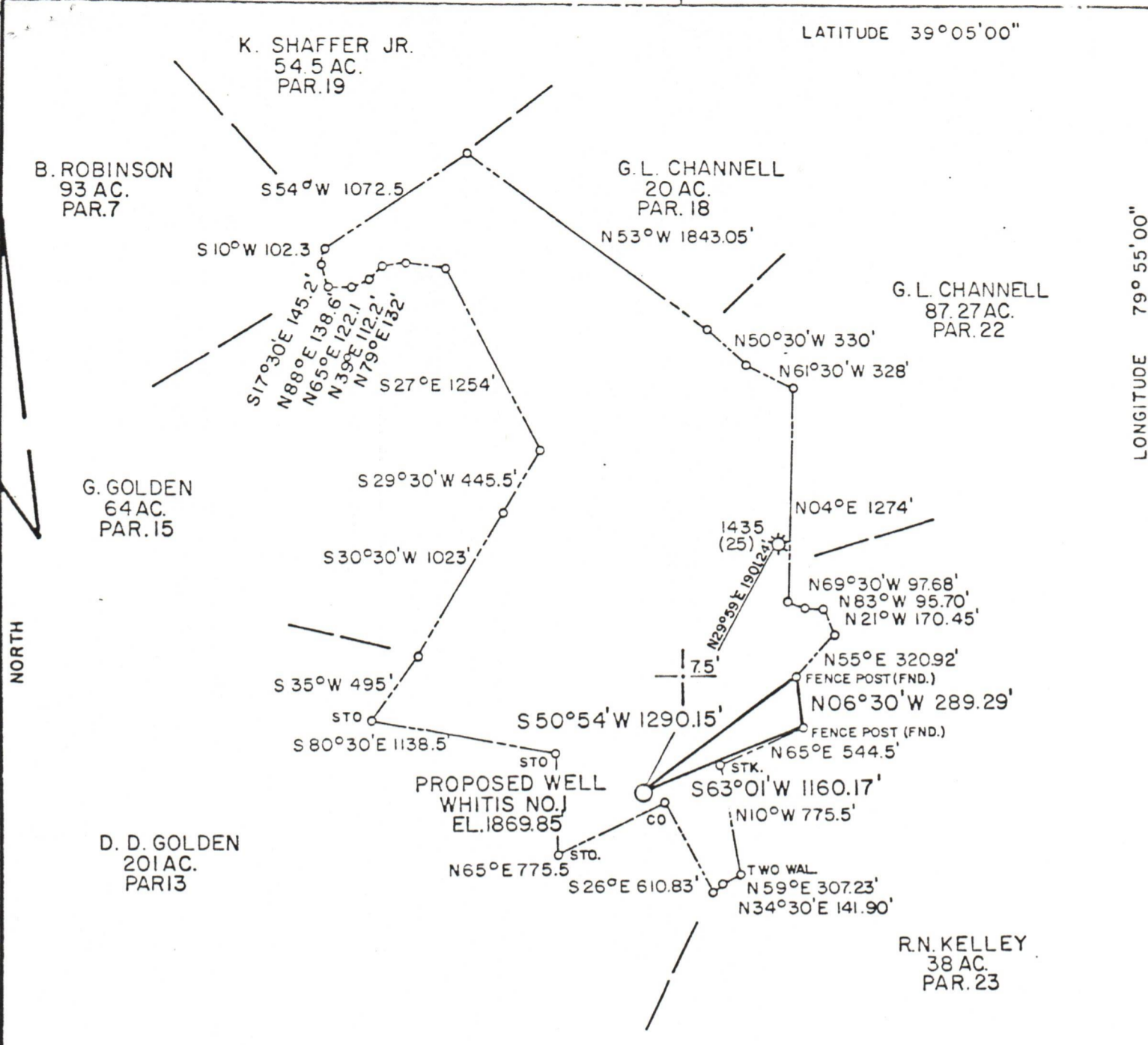
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6  
 (8-78)



DATE MAY 29, 19 84  
 OPERATOR'S WELL NO. WHITIS NO. 1  
 API WELL NO. 47-001-2073  
 STATE COUNTY PERMIT

Department of Mines  
 Oil & Gas Division

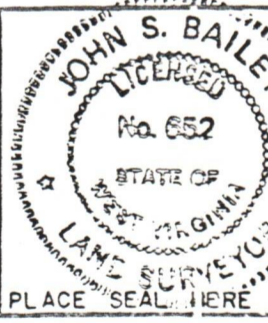
WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS", PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X)  
 LOCATION: ELEVATION 1869.25' WATER SHED KOONTZ HOLLOW  
 DISTRICT BARKER COUNTY BARBOUR  
 QUADRANGLE BELINGTON 7.5' (1976)  
 SURFACE OWNER ROBERT B. WHITIS ACREAGE 170  
 OIL & GAS ROYALTY OWNER ROBERT B. WHITIS LEASE ACREAGE 170  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL X 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: ALEXANDER ESTIMATED DEPTH 4450'  
 WELL OPERATOR CHESTERFIELD ENERGY CORP. DESIGNATED AGENT STANLEY N. PICKENS  
 ADDRESS 319-320 PROFESSIONAL BLDG. ADDRESS 319-320 PROFESSIONAL BLDG.  
CLARKSBURG, W.V. 26301 CLARKSBURG, W.V. 26301



REFERENCE TIE LINES,  
 PROPOSED WELL TO 18" BEECH 'S13°28'E (MAG.) 179.71'  
 PROPOSED WELL TO 10" RED MAPLE N03°46' W (MAG.) 102.63'

FILE NO. MSES 84-407  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200  
 PROVEN SOURCE OF ELEVATION RD. JCT. RT. 92 & 92/27  
EL. 1650

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) John S. Bailey  
 R. P. E. \_\_\_\_\_ L. L. S. 652



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6  
 (8-78)



Department of Mines  
 Oil & Gas Division

DATE MAY 29, 1984  
 OPERATOR'S WELL NO. WHITIS NO. J  
 API WELL NO. \_\_\_\_\_  
47 - 001 - 2073  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_\_\_ GAS X LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS", PRODUCTION X STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW X)  
 LOCATION: ELEVATION 1869.25' WATER SHED KOONTZ HOLLOW  
 DISTRICT BARKER COUNTY BARBOUR  
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 SURFACE OWNER ROBERT B. WHITIS ACREAGE 170  
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 PROPOSED WORK: DRILL X CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR  
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 FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATIO: ALEXANDER ESTIMATED DEPTH 4450'  
 WELL OPERATOR CHESTERFIELD ENERGY CORP. DESIGNATED AGENT STANLEY N. PICKENS  
 ADDRESS 319-320 PROFESSIONAL BLDG. ADDRESS 319-320 PROFESSIONAL BLDG.  
CLARKSBURG, W.V. 26301 CLARKSBURG, W.V. 26301

STATE OF WEST VIRGINIA,  
COUNTY OF HARRISON, TO-WIT:

The foregoing instrument was acknowledged before me this  
22nd day of May, 1984, by Robert Whitis and James A.  
Varner, dba Vartis Associates.

My commission expires: April 24, 1989.

Karen Sue Mean  
Notary Public in and for Harrison  
County, State of West Virginia

STATE OF WEST VIRGINIA,  
COUNTY OF HARRISON, TO-WIT:

The foregoing instrument was acknowledged before me this  
22nd day of May, 1984, by Samuel J. Cann,  
(name)  
Supervisor Land Dept. of Chesterfield Energy Corporation, a West  
(title)  
Virginia corporation, on behalf of the corporation.

My commission expires: April 24, 1989.

Karen Sue Mean  
Notary Public in and for Harrison  
County, State of West Virginia

This instrument was prepared by James A. Varner, of  
McNeer, Highland & McMunn, Attorneys,  
Empire National Bank Building,  
Clarksburg, West Virginia

that it will be a long time before we can  
get a copy of the report which was filed in  
the office.

The report was prepared by the committee  
and it is now in the hands of the  
Secretary. It is a long report and  
it will be a long time before we can  
get a copy of the report which was  
filed in the office.

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filed in the office.



DEVONIAN SHALE GAMMA RAY LOG ANALYSIS  
APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT

Operator: Chesterfield Energy Corporation Agent: Stanley N. Pickens, President  
 Type Determination being sought - 107 (Devonian Shale)  
 API Well No.: 47-001-2073 Well Name: Whitis No. 1 Well  
 West Virginia Office of Oil and Gas County: Barbour  
 References: SJA File No.

Vol.      Page      Line     

I. NOTE: A Gamma Ray Log has been marked with the (a) Shale Base Line, (b) a line representing 0.7 x (Shale Base Line), (c) intervals with Gamma Ray units less than 0.7 x (Shale Base Line) and that log is included with this analysis.

II. Gamma Ray elevation indices:

A. Shale Base Line (API Units)

1. GR Value at Base Line = 109 \* API Units
2. Remarks:

B. Gamma Ray Log Value at 0.7 x Value at Base Line

1. GR Value = 109 \* API Units
2. Calculation:  $\frac{0.7 \text{ (GR Value at Base Line)}}{0.7 \text{ (} \underline{109} \text{ *)} = \underline{76} \text{ API Units}$

III. Intervals with GR index less than 0.7 x (Value at Base Line):

Interval		Thickness of Interval Feet	Feet of less than* 0.7 (Shale Base Line) Feet
From**	To***		
2075'	2500'	425'	33'
2500'	3000'	500'	61'
3000'	3500'	500'	15'
3500'	4000'	500'	2'
4000'	4471'	471'	0'

Total Devonian Interval 2396'

Total Less Than 0.7 (Shale Base) 111'

% Less Than 0.7 (Shale Base Line) =  $\frac{111'}{2396'} \times 100 = \underline{4.63\%}$

\*Marked on log included with analysis.  
 \*\*Top of Devonian Section Recorded on First Interval in this Column.  
 \*\*\*Lesser of TD or Bottom of Devonian Section Recorded as last Interval in this Column.

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's  
Well No. Whitis #1 Well

API Well No.

47 - 001 - 2073  
State County Permit

WELL CLASSIFICATION FORM

HIGH COST GAS WELL - DEVONIAN SHALE  
NGPA Section 107

DESIGNATED AGENT Stanley N. Pickens

ADDRESS 320 Professional Building  
Clarksburg, WV 26301

LOCATION Elevation 1869.25'

WELL OPERATOR Chesterfield Energy Corporation Watershed Koontz Hollow

ADDRESS 320 Professional Building Dist. Barker County Barbour Quad. Belington 7½'  
Clarksburg, WV 26301

Gas Purchase  
Contract No. Being Negotiated.

GAS PURCHASER Tenneco

Meter Chart Code Being Negotiated.

ADDRESS 5646 US Steel Building, 600 Grant  
Pittsburgh, PA 15219

Date of Contract Being Negotiated.

\* \* \* \* \*

Date surface drilling began: June 9, 1984

Indicate the bottom hole pressure of the well and explain how this was calculated.

BHP =  $P_1 + P_1 (e^{GL/53.34T} - 1)$

$P_1 = 684.73$  psia

$G = 0.65$

$L = 4471'$

$T = 560^{\circ}R$

BHP = 755 psia

AFFIDAVIT

I, Stanley N. Pickens, having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

*Stanley N. Pickens*

STATE OF WEST VIRGINIA

COUNTY OF HARRISON, TO-WIT:

I, J. Ellen Adams, a Notary Public in and for the state and county aforesaid, do certify that Stanley N. Pickens, whose name is signed to the writing above, bearing date the 30th day of July, 1984, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 30th day of July, 1984.  
My term of office expires on the 9th day of February, 1988.

(NOTARIAL SEAL)

*J. Ellen Adams*  
Notary Public

FORM IV-48WC  
(02-84)

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

AUG 30 1984

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: July 30, 19 84

AGENCY USE ONLY

Applicant's Name: Chesterfield Energy Corporation

Address: 320 Professional Building  
Clarksburg, WV 26301

Gas Purchaser Contract No. Being Negotiated.

Date of Contract Being Negotiated.  
(Month, day and year)

First Purchaser: Tenneco

Address: 5646 US Steel Building, 600 Grant St.  
(Street or P.O. Box) Pittsburgh PA 15219  
(City) (State) (Zip Code)

FERC Seller Code 003449

WELL DETERMINATION FILE NUMBER  
840807 -107-001-2073  
Use Above File Number on all  
Communications Relating to This Well

Designated Agent: Stanley N. Pickens

Address: 320 Professional Building  
Clarksburg, WV 26301

FERC Buyer Code

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL BE ADDRESSED:

Name: Stanley N. Pickens President  
(Print) (Title)

Signature: Stanley N. Pickens

Address: 320 Professional Building  
(Street or P.O. Box) Clarksburg WV 26301  
(City) (State) (Zip Code)

Telephone: (304) 623-5467  
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

Sent by Certified US Mail,  
Certification No. P-574-015-558,  
with return receipt requested.

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
  - 102-2 2.5 Mile Test
  - 102-3 1000 Foot Deeper Test
  - 102-4 New Onshore Reservoir
- 103 New Onshore Production Well
  - 103 New Onshore Production Well
- 107 High Cost Natural Gas
  - 107-0 Deep (more than 15,000 feet)
  - 107-1 Geopressured Brine
  - 107-2 Coal Seams
  - xxx 107-3 Devonian Shale
  - 107-5 Production enhancement
  - 107-6 New Tight Formation
  - 107-7 Recompletion Tight Formation

- 108 Stripper Well Natural Gas
  - 108- Stripper Well
  - 108-1 Seasonally Affected
  - 108-2 Enhanced Recovery
  - 108-3 Temporary Pressure Buildup

AGENCY USE ONLY

QUALIFIED

RECEIVED

AUG -7 1984

OIL & GAS DIVISION  
DEPT. OF MINES

Date Received

AUG 30 1984

Determination Date

**RECEIVED**  
JUL - 2 1984

<p>1.0 API well number: (If not available, leave blank. 14 digits.)</p>	<p><u>47-001-2073</u></p>															
<p>2.0 Type of determination being sought: (Use the codes found on the front of this form!)</p>	<p><u>103</u> Section of NGPA</p>															
<p>3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)</p>	<p><u>4471</u> feet</p>															
<p>4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)</p>	<p><u>Chesterfield Energy Corporation</u> <span style="float: right;"><u>003449</u> Seller Code</span></p> <p>Name <u>320 Professional Building</u></p> <p>Street <u>Clarksburg</u> <span style="margin-left: 100px;"><u>WV</u></span> <span style="margin-left: 50px;"><u>26301</u></span></p> <p>City <span style="margin-left: 100px;">State</span> <span style="margin-left: 50px;">Zip Code</span></p>															
<p>5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)</p>	<p><u>Whitis #1 Well</u></p> <p>Field Name <u>Barbour County</u> <span style="margin-left: 100px;"><u>WV</u></span></p> <p>County <span style="margin-left: 100px;">State</span></p>															
<p>(b) For OCS wells:</p>	<p style="text-align: center;">N/A</p> <p>Area Name <span style="margin-left: 100px;">Block Number</span></p> <p>Date of Lease:</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> </tr> <tr> <td style="text-align: center; font-size: 8px;">Mo.</td> <td style="text-align: center; font-size: 8px;">Day</td> <td style="text-align: center; font-size: 8px;">Yr.</td> <td colspan="3" style="text-align: right; font-size: 8px;">OCS Lease Number</td> </tr> </table>							Mo.	Day	Yr.	OCS Lease Number					
Mo.	Day	Yr.	OCS Lease Number													
<p>(c) Name and identification number of this well: (35 letters and digits maximum.)</p>	<p><u>Whitis #1 Well</u> <span style="margin-left: 100px;"><u>47-001-2073</u></span></p>															
<p>(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)</p>	<p style="text-align: center;">N/A</p>															
<p>6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)</p>	<p><u>Tenneco</u> <span style="float: right;"><u>-</u> Buyer Code</span></p> <p>Name <span style="margin-left: 100px;">Buyer Code</span></p>															
<p>(b) Date of the contract:</p>	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> </tr> <tr> <td style="text-align: center; font-size: 8px;">Mo.</td> <td style="text-align: center; font-size: 8px;">Day</td> <td style="text-align: center; font-size: 8px;">Yr.</td> <td colspan="3"></td> </tr> </table>							Mo.	Day	Yr.						
Mo.	Day	Yr.														
<p>(c) Estimated annual production:</p>	<p style="text-align: right;">_____ MMcf.</p>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:35%;"></th> <th style="width:15%;">(a) Base Price (\$/MMBTU)</th> <th style="width:15%;">(b) Tax</th> <th style="width:15%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:20%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td>7.0 Contract price: (As of filing date. Complete to 3 decimal places.)</td> <td style="text-align: center;"><u>2.899</u></td> <td style="text-align: center;"><u>.289</u></td> <td style="text-align: center;">---</td> <td style="text-align: center;"><u>3.188</u></td> </tr> <tr> <td>8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)</td> <td style="text-align: center;"><u>2.899</u></td> <td style="text-align: center;"><u>.289</u></td> <td style="text-align: center;">---</td> <td style="text-align: center;"><u>3.188</u></td> </tr> </tbody> </table>		(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<u>2.899</u>	<u>.289</u>	---	<u>3.188</u>	8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	<u>2.899</u>	<u>.289</u>	---	<u>3.188</u>	
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8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	<u>2.899</u>	<u>.289</u>	---	<u>3.188</u>												
<p>9.0 Person responsible for this application:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%; text-align: center;">Agency Use Only</td> <td></td> </tr> <tr> <td style="text-align: center;">Date Received by Juris. Agency</td> <td style="text-align: center;"><u>JUL - 2 1984</u></td> </tr> <tr> <td style="text-align: center;">Date Received by FERC</td> <td></td> </tr> </table>	Agency Use Only		Date Received by Juris. Agency	<u>JUL - 2 1984</u>	Date Received by FERC		<p><u>Chesterfield Energy Corporation</u> <u>Stanley N. Pickens</u> <span style="float: right;"><u>President</u></span></p> <p>Name <span style="margin-left: 100px;">Title</span></p> <p style="text-align: center;"><i>Stanley N. Pickens</i></p> <p><u>June 29, 1984</u> <span style="margin-left: 100px;"><u>(304) 623-5467</u></span></p> <p>Date Application is Completed <span style="margin-left: 100px;">Phone Number</span></p>									
Agency Use Only																
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