



1) Date: February 28, 19 84  
 2) Operator's Well No. Nestor No. 5  
 3) API Well No. 47 - 001 - 2035  
 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: 1548.50 Watershed: Raccoon Creek  
 District: Cove County: Barbour Quadrangle: Nestorville 7.5' (1976)  
 6) WELL OPERATOR Chesterfield Energy Corporation 7) DESIGNATED AGENT Stanley N. Pickens  
 Address 319-320 Professional Building Address 319-320 Professional Building  
 Clarksburg, WV 26301 Clarksburg, WV 26301  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Phillip Jacy Name Unknown  
 Address General Delivery Address  
 Ellamore, WV 26267  
 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 OIL & GAS DIVISION  
 12) Estimated depth of completed well, 4450 feet DEPT. OF MINES  
 13) Approximate trata depths: Fresh, 150 feet; salt, -- feet.  
 14) Approximate coal seam depths: -- Is coal being mined in the area? Yes  / No  /

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 OIL & GAS DIVISION  
 DEPT. OF MINES

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		Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	J-55	23	X		1100	1100	Circulate	to surface NEAT Depth as req. by rule 115.61
Production	4 1/2	J-55	10.5	X			4350	335 x	
Tubing									Perforations:
Liners									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-001-2035 Date March 27, 19 84

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 March 27, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <b>BLANKET</b>	Agent: <i>LO</i>	Plat: <i>MW</i>	Casing: <i>MW</i>	Fee: <i>3508</i>
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*T. Phillips*  
 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

1) LOCATION: District: \_\_\_\_\_ County: \_\_\_\_\_ Township: \_\_\_\_\_

2) WELL OPERATOR: \_\_\_\_\_

3) DRILLING CONTRACTOR: \_\_\_\_\_

4) PROPOSED WELL WORK: \_\_\_\_\_

5) GEOLOGICAL TARGET FORMATION: \_\_\_\_\_

6) ESTIMATED DEPTH OF COMPLETED WELL: \_\_\_\_\_

7) APPROXIMATE LATEST DEPTH: \_\_\_\_\_

8) APPROXIMATE COAL SEAM DEPTHS: \_\_\_\_\_

9) CASTING AND TUBING PROGRAM: \_\_\_\_\_

10) OTHER PHYSICAL CHANGES IN WELL (SPECIFY): \_\_\_\_\_

11) PERFORM NEW FORMATION: \_\_\_\_\_

12) PUMP OFF OLD FORMATION: \_\_\_\_\_

13) DRILL DEPTH: \_\_\_\_\_

14) DRILL TYPE: \_\_\_\_\_

15) DRILL DEPTH: \_\_\_\_\_

16) DRILL TYPE: \_\_\_\_\_

17) DRILL DEPTH: \_\_\_\_\_

18) DRILL TYPE: \_\_\_\_\_

19) DRILL DEPTH: \_\_\_\_\_

20) DRILL TYPE: \_\_\_\_\_

21) DRILL DEPTH: \_\_\_\_\_

22) DRILL TYPE: \_\_\_\_\_

23) DRILL DEPTH: \_\_\_\_\_

24) DRILL TYPE: \_\_\_\_\_

25) DRILL DEPTH: \_\_\_\_\_

26) DRILL TYPE: \_\_\_\_\_

27) DRILL DEPTH: \_\_\_\_\_

28) DRILL TYPE: \_\_\_\_\_

29) DRILL DEPTH: \_\_\_\_\_

30) DRILL TYPE: \_\_\_\_\_

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MAR 10 1984

DEPT. OF MINES  
OIL & GAS DIVISION

Casing or Tubing	Type	Size	Grade	Weight per ft.	Specifications		Footage Intervals	Cement Packed or Packers
					Run	Used		
Production	1 1/2"	5-25 1025	X				100	
Production	2 1/8"	5-25 225	X				100	
Production	3 1/2"	5-25 225	X				100	
Production	4 1/2"	5-25 1025	X				100	
Production	5 1/2"	5-25 1025	X				100	
Production	6 1/2"	5-25 1025	X				100	
Production	7 1/2"	5-25 1025	X				100	
Production	8 1/2"	5-25 1025	X				100	
Production	9 1/2"	5-25 1025	X				100	
Production	10 1/2"	5-25 1025	X				100	
Production	11 1/2"	5-25 1025	X				100	
Production	12 1/2"	5-25 1025	X				100	
Production	13 1/2"	5-25 1025	X				100	
Production	14 1/2"	5-25 1025	X				100	
Production	15 1/2"	5-25 1025	X				100	
Production	16 1/2"	5-25 1025	X				100	
Production	17 1/2"	5-25 1025	X				100	
Production	18 1/2"	5-25 1025	X				100	
Production	19 1/2"	5-25 1025	X				100	
Production	20 1/2"	5-25 1025	X				100	
Production	21 1/2"	5-25 1025	X				100	
Production	22 1/2"	5-25 1025	X				100	
Production	23 1/2"	5-25 1025	X				100	
Production	24 1/2"	5-25 1025	X				100	
Production	25 1/2"	5-25 1025	X				100	
Production	26 1/2"	5-25 1025	X				100	
Production	27 1/2"	5-25 1025	X				100	
Production	28 1/2"	5-25 1025	X				100	
Production	29 1/2"	5-25 1025	X				100	
Production	30 1/2"	5-25 1025	X				100	

OFFICE USE ONLY

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

Date	Date(s)
Application received	Follow-up inspection(s)
Well work started	" "
Completion of the drilling process	" "
Well Record received	" "
Reclamation completed	" "

OTHER INSPECTIONS

Reason: \_\_\_\_\_

Reason: \_\_\_\_\_

Board	Agent	Blac	Casing	Top
Blanket				





1) Date: February 28, 19 84  
 2) Operator's Well No. Nestor No. 5  
 3) API Well No. 47 081  
 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: 1548.50 Watershed: Raccoon Creek  
 District: Cove County: Barbour Quadrangle: Nestorville 7.5' (1976)
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- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Phillip Tacy Name Unknown  
 Address General Delivery Address \_\_\_\_\_  
Ellamore, WV 26267
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 Plug off old formation  / Perforate new formation   
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- 14) Approximate coal seam depths: -- Is coal being mined in the area? Yes  / No

**RECEIVED**  
 MAR 19 1984  
 OIL & GAS DIVISION  
 DEPT. OF MINES

**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		Kinds	Sizes
Conductor	1 3/4	H-40	42		X	16	16			
Fresh water										
Coal										
Intermediate	5/8	J-55	23	X		1100	1100	Circulate		
Production	1/2	J-55	10.5	X			4350			
Tubing										
Liners										
									Perforations:	
									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 \_\_\_\_\_

X Robert G. Nestor Date: \_\_\_\_\_  
 (Signature)  
Opal V. Nestor Date: \_\_\_\_\_  
 (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.



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.

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
Robert J. Nestor, et ux	The Chesterfield Energy Corp	1/8	89 / <del>600</del> 601



1) Date: March 8, 19 84  
2) Operator's Well No. Nestor #5  
3) API Well No. 47 - 001 - 2035  
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 J. Nestor, et ux  
Address Star Route, Box 25  
Moatsville, WV 26405  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR \_\_\_\_\_  
Address \_\_\_\_\_  
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Hillman Coal & Coke  
Address P. O. Box 453  
Philippi, WV 26416  
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.

**RECEIVED**  
MAR 19 1984

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.

OIL & GAS DIVISION  
DEPT. OF MINES

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 8th day of March, 1984.  
My commission expires 12/21, 1987.  
Linda M. Subman  
Notary Public, Harrison County,  
State of West Virginia

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



FARM J. Nestor

DISTRICT Cove

COUNTY Barbour

SCALE 1" = 2000'

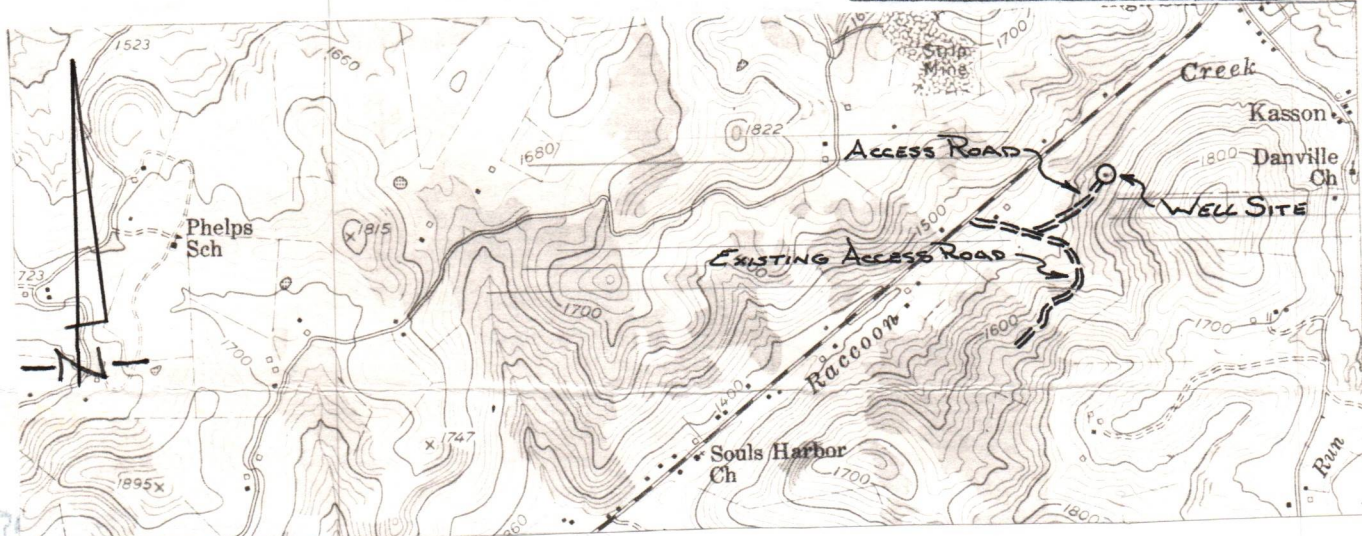
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE Nestorville 7.5'

**LEGEND**

Well Site ⊕

Access Road ———

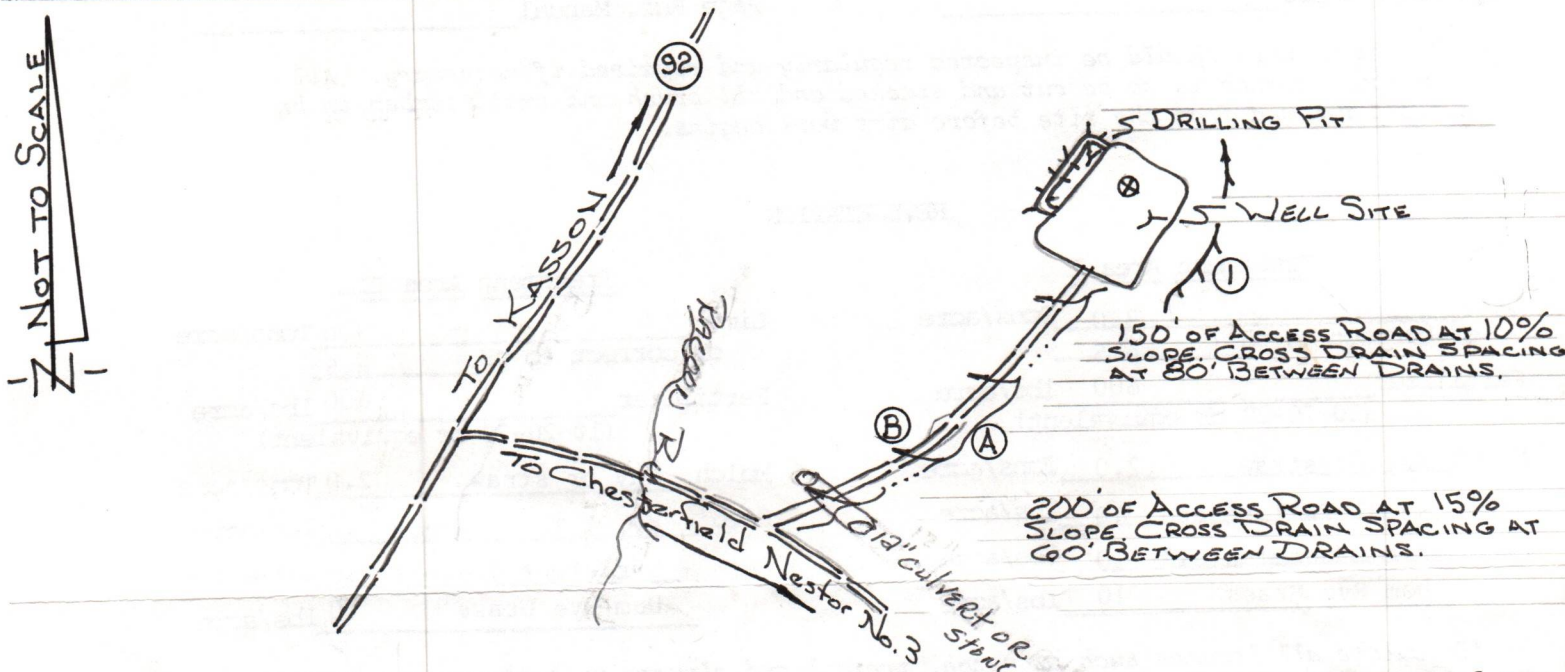


WELL SITE PLAN

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

**LEGEND**

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



Comments: Access to the well site will be gained by constructing approximately 350 feet of new access road, beginning at a junction point in the existing access road off of Barbour County Route 92. 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. Under most conditions, the preceding plan will be followed; however, due to lease restrictions, surface owner request and weather conditions, etc., the plan may be altered. Subsequently, the proper erosion and sediment control measures will be installed And A Revised plan will be submitted.



IV-9  
(Rev 8-81)



State of West Virginia  
Department of Mines  
Oil and Gas Division

DATE February 22, 1984

WELL NO. Nestor No. 5

API NO. 47 - 001 - 2035

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Chesterfield Energy Corp.  
Address 319-320 Professional Bldg.  
Clarksburg, WV 26301  
Telephone 304/623-5467

DESIGNATED AGENT Stanley N. Pickens  
Address 319-320 Professional Bldg.  
Clarksburg, WV 26301  
Telephone 304/623-5467

LANDOWNER R. J. Nestor

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: 3/5/84 (Date)

Jean Freeman  
(SCD Agent)



ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)  
Spacing Along Access Road  
Page Ref. Manual 2-12 to 2-14

Structure Diversion Ditch (1)  
Material Earth  
Page Ref. Manual 2-12 to 2-13

Structure Cross Drains (B)  
Spacing As Noted On Sketch  
Page Ref. Manual 2-12 to 2-14

Structure \_\_\_\_\_ (2)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure \_\_\_\_\_ (C)  
Spacing \_\_\_\_\_  
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.

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.



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

Haverty 5,000# 80/100; 28,000# 20/40  
495 BBLs Water

Elk 5,000# 80/100; 20,000# 20/40  
480 BBLs Water

Benson 5,000# 80/100; 42,000# 20/40  
609 BBLs Water

Speechley 5,000# 80/100; 51,000# 20/40  
732 BBLs Water

RECEIVED  
FEB 1 - 1985  
OIL & GAS DIVISION  
DEPT. OF MINES

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Fill			0	7	
Sand & Shale			7	31	
Sand			31	90	
Shale			90	231	1" water @ 105'
Sand & Shale			231	480	
Sand & Shale			480	657	
Red Rock			657	1092	
Sand & Shale			1092	1280	
Little Lime			1280	1290	
Red Rock			1290	1296	
Big Lime			1296	1390	
Big Injun			1390	1502	Gas Ck @ 1497' No Show
Sand & Shale			1502	2340	Gas Ck @ 1807' No Show
Fifth Sand			2340	2442	Gas Ck @ 2305' No Show
Sand & Shale			2442	2572	Gas Ck @ 2618' No Show
Elizabeth			2572	2620	Gas Ck @ 2994' No Show
Sand & Shale			2620	2950	Gas Ck @ 3182' No Show
Speechely			2950	3014	Gas Ck @ 3465' 2/10-1/4" w/w
Shale			3014	3160	Gas Ck @ 3901' 2/10-1/4" w/w
Balltown			3160	3170	Gas Ck @ 4056' 2/10-1/4" w/w
Shale			3170	4010	Gas Ck @ 4395' 2/10-1/4" w/w
Benson			4010	4080	Gas Ck @ 4521' 2/10-1/4" w/w
Shale			4080	4220	Gas Ck @ 4959' 4/10-1/4" w/w
Alexander			4220	4282	Gas Ck @ 5489' No Show
Shale			4282	4430	Gas Ck @ Collars 2/10-1/4" w/w
2nd Elk			4430	4440	
Shale			4440	4900	
3rd Elk			4900	4942	
Shale			4942	5232	
Haverty			5232	5348	
Shale			5348	5487	
TD			5487		

(Attach separate sheets as necessary)

Chesterfield Energy Corporation

Well Operator

By:

*Stanley N. Pickens*

Date:

January 30, 1985

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 ... encountered in the drilling of a well."





IV-35  
(Rev 8-81)

**RECEIVED**

FEB 1 - 1985

OIL & GAS DIVISION  
**DEPT. OF MINES**

State of West Virginia

Department of Mines  
Oil and Gas Division

Date January 30, 1985

Operator's \_\_\_\_\_

Well No. Nestor #5 Well

Farm \_\_\_\_\_

API No. 47 - 001 - 2035

WELL OPERATOR'S REPORT  
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1548.50' Watershed Raccoon Creek

District: Cove County Barbour Quadrangle Nestorville 7.5'

COMPANY Chesterfield Energy Corporation

ADDRESS 320 Professional Building, Clarksburg, WV 26301

DESIGNATED AGENT Stanley N. Pickens, President

ADDRESS 320 Professional Building, Clarksburg, WV 26301

SURFACE OWNER Robert J. Nestor, et ux

ADDRESS Star Rt., Box 25, Moatsville, WV 26405

MINERAL RIGHTS OWNER Robert J. Nestor, et ux

ADDRESS Star Rt. Box 25, Moatsville, WV 26405

OIL AND GAS INSPECTOR FOR THIS WORK Phillip

Tracy ADDRESS General Delivery Ellamore, WV 26267

PERMIT ISSUED March 27, 1984

DRILLING COMMENCED January 14, 1985

DRILLING COMPLETED January 19, 1985

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.			
<del>11 3/4</del>	16'	pulled	
9 5/8			
8 5/8	1033'	1023'	250 sks
7			
5 1/2			
4 1/2	5487'	5421'	630 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Haverty, Elk, Benson, Speechley Depth \_\_\_\_\_ feet

Depth of completed well 5487' feet Rotary XX / Cable Tools \_\_\_\_\_

Water strata depth: Fresh 105' feet; Salt \_\_\_\_\_ feet

Coal seam depths: 310'-315' Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Haverty Pay zone depth 5249'-5349' feet

Gas: Initial open flow 3.7 Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow 450 Mcf/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 500 psig (surface measurement) after 12 hours shut in

(If applicable due to multiple completion--)

Second producing formation Elk Pay zone depth 4248'-4282' feet

Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

"COMMINGLED WITH FIRST STAGE" 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

Third Pro. Form. Benson Pay zone depth 4025'-4030'

Fourth Pro. Form. Speechley Pay zone depth 2968'-2998' (Continue on reverse side)

BAR. 2035



No. 479852

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

SENT TO		Hillman Coal & Coke		
STREET AND NO.		P. O. Box 453		
P.O., STATE AND ZIP CODE		Philippi, WV 26416		
POSTAGE		\$		
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE		¢	
	SPECIAL DELIVERY		¢	
	RESTRICTED DELIVERY		¢	
	OPTIONAL SERVICES RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED		¢
		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		¢
TOTAL POSTAGE AND FEES			\$ 1.72	
POSTMARK OR DATE		CLARKSBURG, WV MAR 13 1984		

**RECEIVED**  
MAR 19 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

PS Form 3800, Apr. 1976



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MAR 10 1934  
OIL & GAS DIVISION  
DEPT. OF MINES



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

INSPECTOR'S WELL REPORT

Permit No. 001-2035

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company CHESTERFIELD EDGY INC.  
 Address CLARKSBURG W.V.  
 Farm NESTOR  
 Well No. 5  
 District COVE County BARBOUR  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ 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			Size of
8 1/4			
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 \_\_\_\_\_

Remarks: BUILDING LOCATION

1-4-85  
DATE

[Signature]  
DISTRICT WELL INSPECTOR







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

**RECEIVED**  
JAN 24 1985  
OIL & GAS DIVISION  
DLPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-2035

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Chesterfield Energy  
 Address Yorkburg  
 Farm Norton  
 Well No. 5  
 District Cone County Barbour  
 Drilling commenced 1-14-85  
 Drilling completed \_\_\_\_\_ 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			Size of _____
8 <sup>5</sup> / <sub>8</sub>		10 23	
6 <sup>5</sup> / <sub>8</sub>			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 <sup>5</sup>/<sub>8</sub> SIZE 1023 No. FT. 1-16-85 Date  
 NAME OF SERVICE COMPANY NowSCO  
 COAL WAS ENCOUNTERED AT 310 FEET 10315 INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names Union #15

Remarks: NowSCO, 250 lbs Reg Cent 3% C.C.

1-16-85  
DATE

[Signature]  
DISTRICT WELL INSPECTOR







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

RECEIVED  
JAN 29 1985

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-2035

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company CHESTERFIELD ENGY  
 Address CLARKSBURG  
 Farm NESTOR  
 Well No. 5  
 District COVE County BARBOUR  
 Drilling commenced 1-14-85  
 Drilling completed 1-20-85 Total depth 5489  
 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			Kind of Packer
16			
13			
10			Size of
8 1/4			
6 3/4			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 Union #15

Remarks:

1-22-85  
DATE

*[Signature]*  
DISTRICT WELL INSPECTOR







STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OFFICE OF OIL AND GAS  
CHARLESTON 25305  
FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT

**RECEIVED**  
SEP 17 1985

**DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY**

Company: CHESTERFIELD ENERGY CORP.  
Farm: WESTON, ROBERT Well: #D

Permit No. 47- 1-2035 (3-27-84)  
County: BARBOUR

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 Casings	✓	-----
15.02	Adequate Coal Casings	✓	-----
15.01	Adequate Production Casings	✓	-----
15.04	Adequate Cement Strength	✓	-----
15.05	Cement Type	✓	-----
23.02	Maintained Access Roads	✓	-----
25.01	Necessary Equipment to Prevent Waste	✓	-----
23.04	Reclaimed Drillings Pits	✓	-----
23.05	No Surface or Underground Pollution	✓	-----
23.07	Requirements for Production & Gathering Pipelines	✓	-----
14.01	Well Records on Site	✓	-----
02	Well Records Filed	✓	-----
7.05	Identification Markings	✓	-----

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

SIGNATURE *Don Kelli*  
DATE 9-13-85

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.H. v. B.*  
Administrator

September 19, 1985  
Date



**RECEIVED**

FEB 1 1985

**OIL & GAS DIV.  
DEPT. OF MINES**

1.0 API well number: (If not available, leave blank. 14 digits.)	47-001-2035															
2.0 Type of determination being sought: (Use the codes found on the front of this form!)	103 Section of NGPA															
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5487 feet															
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Chesterfield Energy Corporation <span style="float: right;">003449 Seller Code</span> Name 320 Professional Building Street Clarksburg <span style="float: right;">WV 26301</span> City <span style="float: right;">State Zip Code</span>															
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Nestor #5 <span style="margin-left: 50px;">Raccoon Creek</span> Field Name Barbour County <span style="float: right;">WV</span> County <span style="float: right;">State</span>															
(b) For OCS wells:	Not Applicable Area Name <span style="float: right;">Block Number</span>  Date of Lease: _____ Mo. Day Yr. <span style="float: right;">OCS Lease Number</span>															
(c) Name and identification number of this well: (35 letters and digits maximum.)	Nestor #5 Well <span style="margin-left: 100px;">47-001-2035</span>															
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	Not Applicable															
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Tenneco <span style="float: right;">Buyer Code</span> Name															
(b) Date of the contract:	04 19 83 Mo. Day Yr.															
(c) Estimated annual production:	_____ MMcf.															
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<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 style="padding: 5px;">7.0 Contract price: (As of filing date. Complete to 3 decimal places.)</td> <td style="text-align: center;">- . - - -</td> <td style="text-align: center;">- . - - -</td> <td style="text-align: center;">- . - - -</td> <td style="text-align: center;">- . - - -</td> </tr> <tr> <td style="padding: 5px;">8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)</td> <td style="text-align: center;">- . - - -</td> <td style="text-align: center;">- . - - -</td> <td style="text-align: center;">- . - - -</td> <td style="text-align: center;">- . - - -</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.)	- . - - -	- . - - -	- . - - -	- . - - -	8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	- . - - -	- . - - -	- . - - -	- . - - -
	(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.)	- . - - -	- . - - -	- . - - -	- . - - -												
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	- . - - -	- . - - -	- . - - -	- . - - -												
9.0 Person responsible for this application:	Chesterfield Energy Corporation Samuel J. Cann <span style="float: right;">V.P. Land &amp; Contracts</span> Name <span style="float: right;">Title</span>  Signature January 30, 1985 <span style="float: right;">(304) 623-5467</span> Date Application is Completed <span style="float: right;">Phone Number</span>															

Agency Use Only
Date Received by Juris. Agency <b>FEB - 1 1985</b>
Date Received by FERC



FEB 27 1985

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: 1/30, 19 85

AGENCY USE ONLY

Applicant's Name: Chesterfield Energy Corporation

Address: 320 Professional Building  
Clarksburg, WV 26301

Gas Purchaser Contract No. 1481

Date of Contract April 19, 1983  
(Month, day and year)

First Purchaser: Tenneco Attn: Kathy Schooley

Address: P. O. Box 2511  
(Street or P.O. Box)  
Houston, TX 77001  
(City) (State) (Zip Code)

FERC Seller Code 003449

WELL DETERMINATION FILE NUMBER  
850201 - 103 - 001 - 2035  
Use Above File Number on all  
Communications Relating to This Well

Designated Agent: Samuel J. Cann  
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: Samuel J. Cann (Print) Vice President Land & Contracts (Title)

Signature: *Samuel J. Cann*

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)

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
  - XX 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
  - 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**

FEB 1 1985

OIL & GAS DIV.  
DEPT. OF MINES

Date Received \_\_\_\_\_

Determination Date \_\_\_\_\_



Date January 30, 19 85

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

Operator's Well No Nestor #5  
APD Well No 47 - 001 2035  
State County Permit

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL  
MGPS Section 103

DESIGNATED AGENT Samuel J. Cann  
ADDRESS 320 Professional Building  
Clarksburg, WV 26301  
LOCATION: Elevation 1548.50'  
Watershed Raccoon Creek  
Dist Cove County Barbour Quad Nestorville  
Gas Purchase Contract No 1481  
Meter Chart Code N/A  
Date of Contract April 19, 1983

WELL OPERATOR Chesterfield Energy Corp.  
ADDRESS 320 Professional Building  
Clarksburg, WV 26301  
GAS PURCHASER Tenneco  
ADDRESS P. O. Box 2511  
Houston, TX 77001

\* \* \* \* \*

Date surface drilling was begun: January 14, 1985

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

$$P_2 = \frac{P_1 T_2}{T_1} = \frac{(\text{Surface Pressure})(\text{Bottom Hole Pressure})}{(\text{Surface Temperature})} = \text{B.H.P.}$$

$$\text{BHP} = P_1 + P_1 (e^X - 1)$$

$$\begin{aligned} P_1 &= 500 & X &= \text{GL}/53.34T \\ G &= .68 & \text{BHP} &= 533.02 \\ T &= 565 \end{aligned}$$

AFFIDAVIT

I, Samuel J. Cann, 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 14, 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 14, 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.

Samuel J. Cann

STATE OF WEST VIRGINIA,

COUNTY OF Harrison, TO WIT:

I, Brenda Drummond, a Notary Public in and for the state and county aforesaid, do certify that Samuel J. Cann whose name is signed to the writing above, bearing date the 30 day of January, 19 85, has acknowledged the same before me, in my county aforesaid.

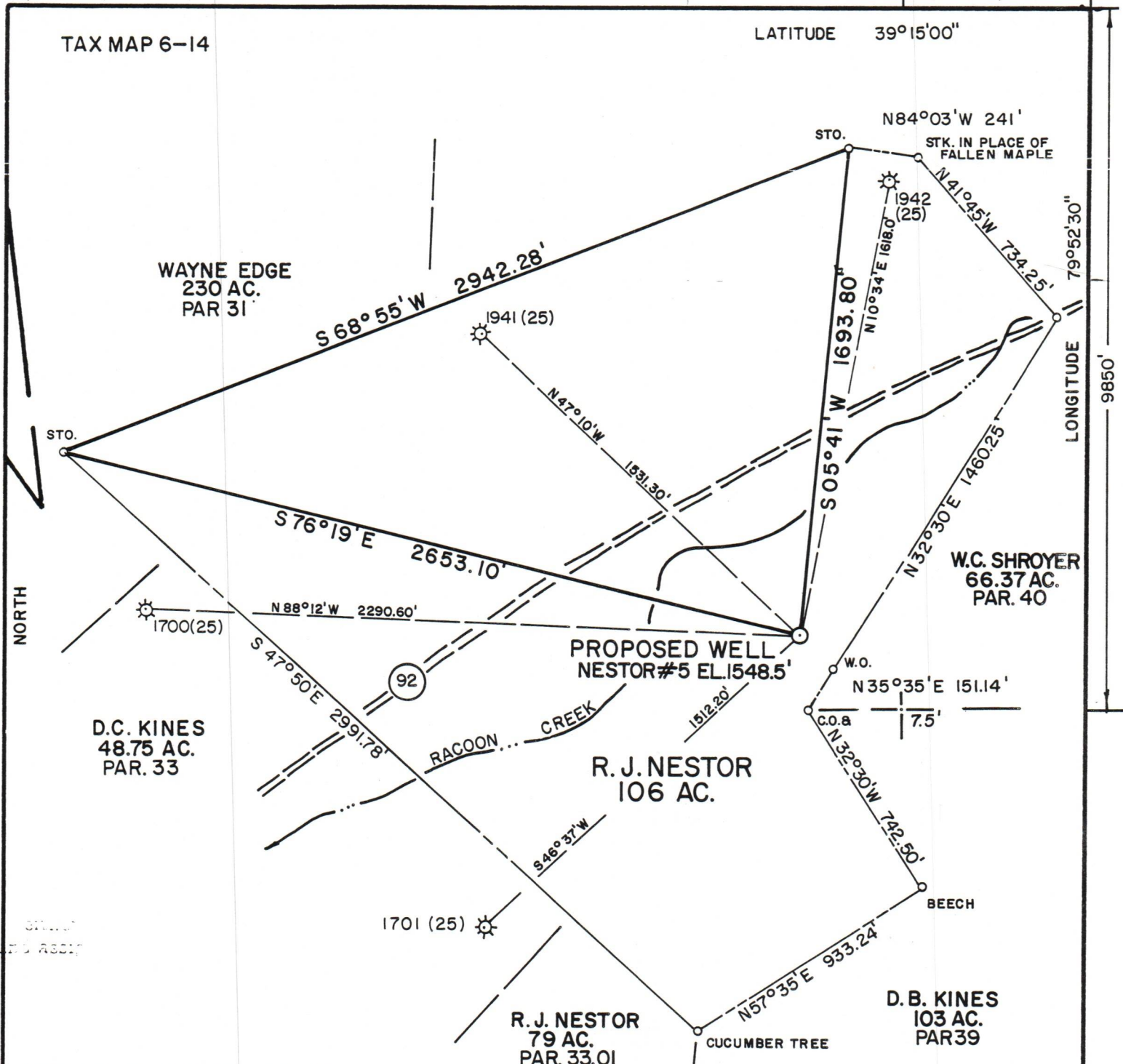
Given under my hand and official seal this 30 day of January, 19 85.

My term of office expires on the 14th day of June, 19 94.

NOTARIAL SEAL:

Brenda Drummond  
Notary Public

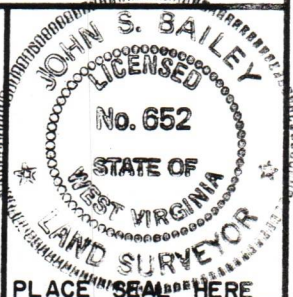




PREPARED BY MSES CONSULTANTS

FILE NO. MSES 84-312  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200  
 PROVEN SOURCE OF ELEVATION B.M. EL. 1496' 1/2 MI. NW OF KASSON H.S. ON CO. RT 92

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 FEBRUARY 28, 19 84  
 OPERATOR'S WELL NO. NESTOR NO. 5  
 API WELL NO. 47-001-2035  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 ( IF "GAS", PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X )  
 LOCATION: ELEVATION 1548.50' WATER SHED RACCOON CREEK  
 DISTRICT COVE COUNTY BARBOUR  
 QUADRANGLE NESTORVILLE 7.5'  
 SURFACE OWNER ROBERT J. NESTOR ACREAGE 106  
 OIL & GAS ROYALTY OWNER ROBERT J. NESTOR LEASE ACREAGE 106  
 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. CLARKSBURG, WV. 26301 ADDRESS 319-320 PROFESSIONAL BLDG. CLARKSBURG, WV. 26301