



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR - 6 1981

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.

DATE March 30, 1981

Surface Owner L. C. Westbrook, et ux

Company Ferrell Prior

Address Belmont, W. Va

Address P.O. Box 1486, Parkersburg, W. Va.

Mineral Owner Davis Worth, et al

Farm Taylor Acres 104.34

Address Williamtown, W. Va.

Location (waters) Calf Creek

Coal Owner N/A

Well No. One Elevation 952

Address N/A

District Grant County Pleasants

Coal Operator N/A

Quadrangle Willow Island 7.5

Address N/A

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 12-9-81.

INSPECTOR

TO BE NOTIFIED Phillip Lee Tracy

ADDRESS Rt. 23 Alma, W. Va. 26320

PHONE 758-4573

[Signature]
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated February 16 19 81 by Robert Taylor made to Santa Fe Drilling Corp and recorded on the 2nd day of March 19 81 in Pleasants County, Book 161 Page 477

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address of Well Operator

Very truly yours, *[Signature]*
(Sign Name) Ferrell Prior
Well Operator

P. O. Box 1486
Parkersburg
West Virginia 26101
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

47-073-1159

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by _____

BLANKET BOND

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____

DRILLING CONTRACTOR: (If Known)

RESPONSIBLE AGENT:

NAME Gene Stalnaker, Inc.

NAME Ferrell Prior

ADDRESS P.O. Box 178 Glenville, W. Va.

ADDRESS P.O. Box 1486, Parkersburg, Wva

TELEPHONE 462-5701

TELEPHONE 485-7419

ESTIMATED DEPTH OF COMPLETED WELL: 4000

ROTARY X CABLE TOOLS _____

PROPOSED GEOLOGICAL FORMATION: Devonian Shale

TYPE OF WELL: OIL _____ GAS _____ COMB. X STORAGE _____ DISPOSAL _____

RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

| CASING AND TUBING SIZE | USED FOR DRILLING | LIFT IN WELL | CEMENT III UP OR SACKS - CUBIC FT. |
|------------------------|-------------------|--------------|------------------------------------|
| 20 - 16 | | | |
| 13 - 10 | | | |
| 9 - 5/8 | | | |
| 8 - 5/8 | 250 | 250 | To surface |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | | 4000 | 250 sks |
| 3 | | | Perf. Top |
| 2 | | | Perf. Bottom |
| Liners | | | Perf. Top |
| | | | Perf. Bottom |

APPROXIMATE FRESH WATER DEPTHS 60 FEET _____ SALT WATER _____ FEET _____

APPROXIMATE COAL DEPTHS N/A

IS COAL BEING MINED IN THE AREA? N/A BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title

Date MARCH 29 1981
Well No ONE Taylor
API No 47 073 1159

461

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name FERRELL PRIOR Designated Agent JAME
Address P.O. Box 1486; PARKERSBURG Address _____
Telephone 304-485-7419 Telephone _____
Landowner L.C. WESTBROOK Soil Cons. District LITTLE KANAWHA SCD
Revegetation to be carried out by PRIOR OIL COMPANY Upper Ohio
This plan has been reviewed by Upper Ohio SCD All corrections
and additions become a part of this plan. 4/6/81 Rennette R. Mason
(Date) (SCD Agent)

Access Road
Structure OPEN DRAINAGE (A)
Spacing _____
Page Ref. Manual 157
Structure CROSS DRAINS (B)
Spacing _____
Page Ref. Manual 154
Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Location
Structure DIVERSION
Material _____
Page Ref. Manual 19
Structure _____
Material _____
Page Ref. Manual _____
Structure _____
Material _____
Page Ref. Manual _____

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OIL & GAS DIVISION
DEPT. OF MINES

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

Revegetation

Treatment Area I

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch 1/4" (2) Tons/Acre
Seed* TALL FESCUE 10 lbs/acre
CRABGRASS CLOVER 15 lbs/acre

Treatment Area II

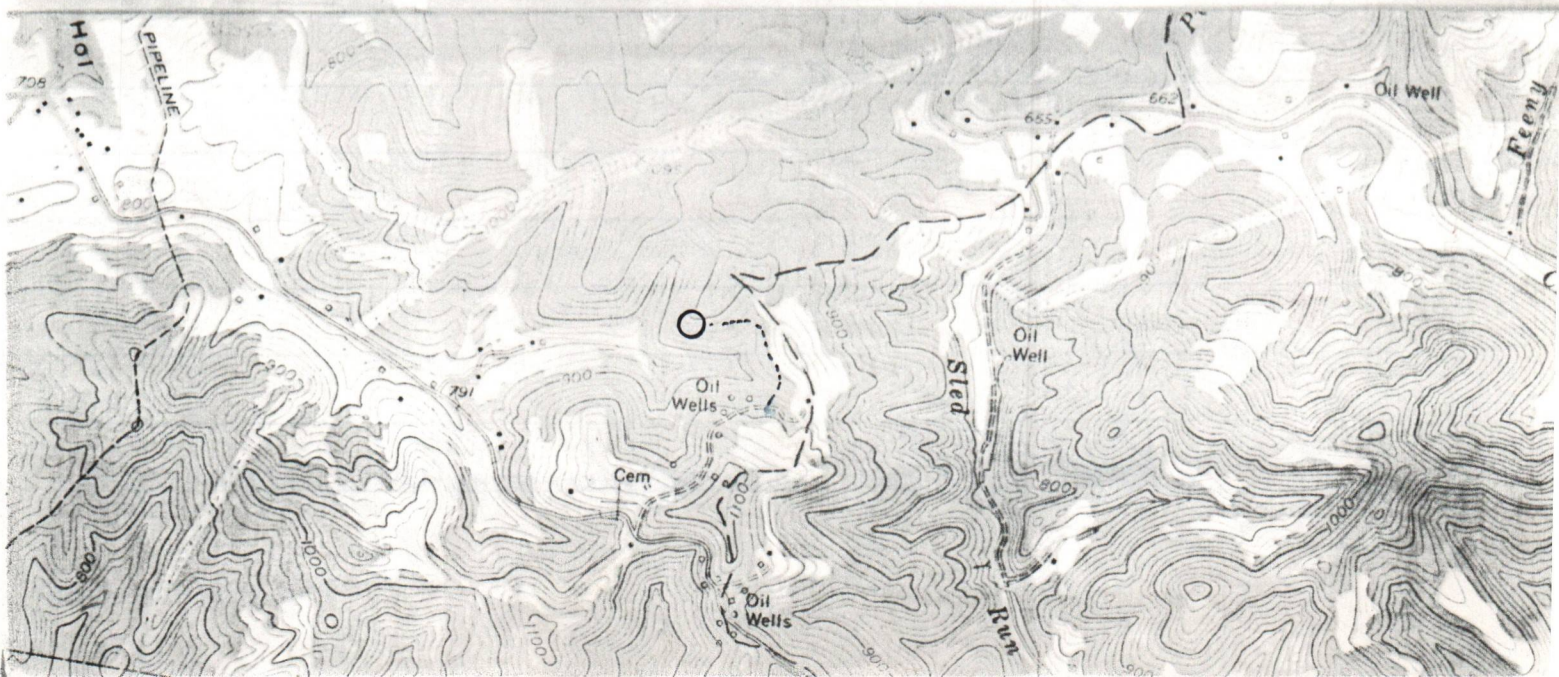
Lime _____ Tons/Acre
or correct to pH _____
Fertilizer _____ lbs/acre
(10-20-20 or equivalent)
Mulch _____ Tons/Acre
Seed* _____ lbs/acre

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

Attach or photocopy section of involved Topographic map. Quadrangle WILLOW ISLAND 7.5'

Legend:

⊕ Well Site
— Access Road



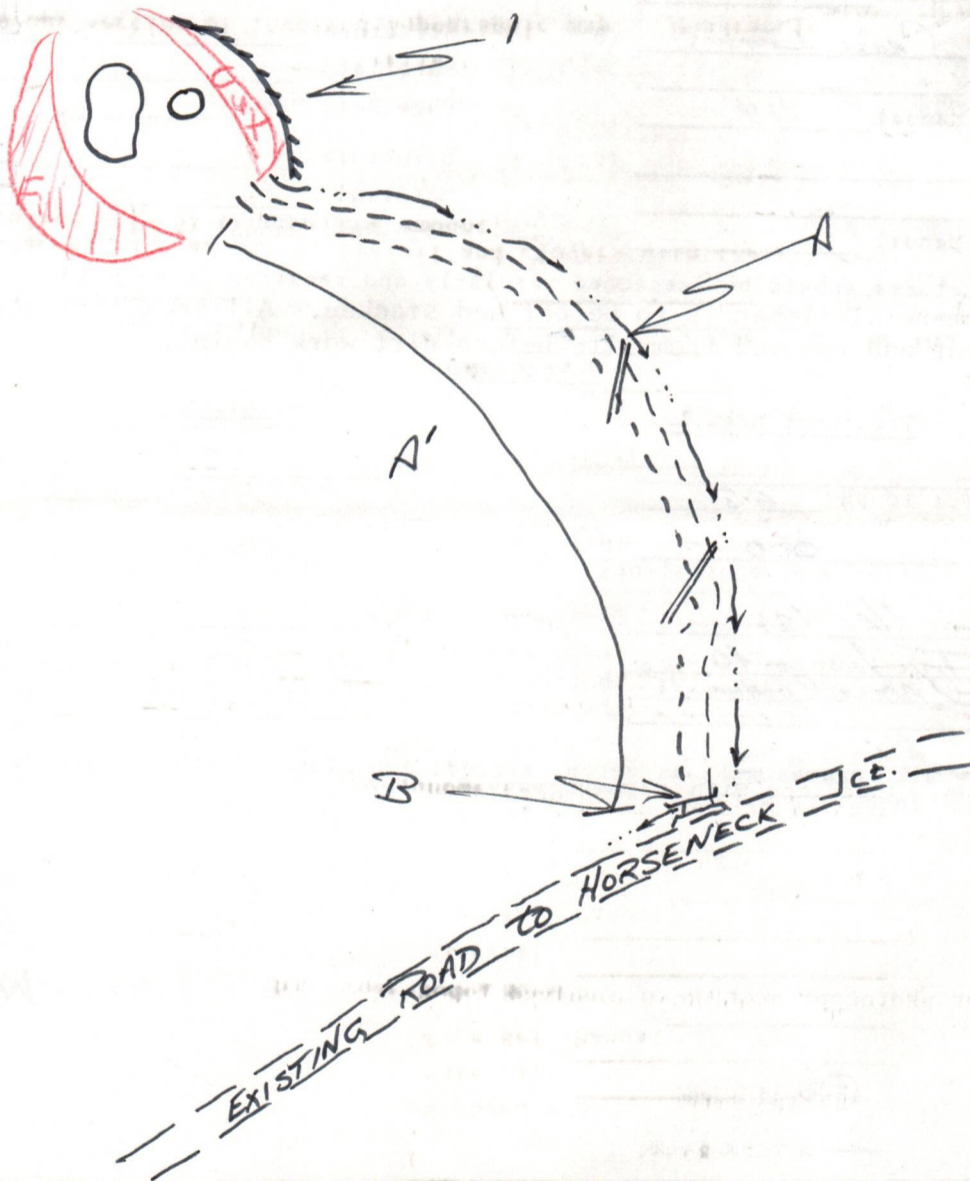
Legend: Property Boundary ————
 Road = = = =
 Existing Fence — x — x —
 Planned Fence - - - -
 Stream ~ ~ ~ ~
 Open Ditch — · — · — · —

Diversion ————
 Spring ○
 Wet Spot ☹
 Building ■
 Drain Pipe — ○ — ○ —
 Waterway ————

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

FINAL APPROVEMENT BY INSPECTOR

Inspector: _____



Slope of A' = 0.5%

Location is in a wooded area. All trees and brush will be removed before making any cut.

James H. [Signature]

P.O. Box 1486, WALKERSBURG WV

304-485-7419
Phone Number



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Rotary X Oil _____
 Cable _____ Gas _____
 Recycling _____ Comb. X
 Water Flood _____ Storage _____
 Disposal _____ (Kind)

Quadrangle Willow Island 7.5

Permit No. 47-073-1159

Company Ferrell Prior
 Address P.O. Box 1486, Parkersburg, W. Va.
 Farm Taylor Acres 104.34
 Location (waters) Calf Creek
 Well No. 1 Elev. 952
 District Grant County Pleasants
 The surface of tract is owned in fee by L. C. Westbrook, et ux
 Address Belmont, W. Va.
 Mineral rights are owned by Davis Worth, et al
 Address Williamtown, W. Va.
 Drilling Commenced 4/10/81
 Drilling Completed 4/17/81
 Initial open flow 1,100,000 cu. ft. _____ bbls.
 Final production _____ cu. ft. per day _____ bbls.
 Well open _____ hrs. before test _____ RP.

| Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
|-------------------|------------------|--------------|-------------------------------|
| Size 20-16 | | | |
| Cond. 13-10" | | | |
| 9 5/8 | | | |
| 8 5/8 | 208 | 208 | 80 sks. |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | 2592 | 2592 | 600 sks. |
| 3 | | | |
| 2 | | | |
| Liners Used | | | |

Well treatment details:

B-J Hughes Nitrogen Frac

Attach copy of cementing record.

Coal was encountered at N/A Feet _____ Inches _____
 Fresh water 60 Feet _____ Salt Water _____ Feet _____
 Producing Sand Brown Shale ; Marcellus Shale Depth 2592-3372; 3484 - 3521

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|-------------------|-------|--------------|----------|-------------|-------------------|-----------|
| Clay | | | 0 | 10 | | |
| Sand | | | 10 | 32 | | |
| Shale | | | 32 | 126 | | |
| Sand | | | 126 | 155 | | |
| Shale | | | 155 | 278 | | |
| Sand | | | 278 | 298 | | |
| Shale | | | 298 | 420 | | |
| Sand | | | 420 | 456 | | |
| Shale | | | 456 | 518 | | |
| Sand | | | 518 | 548 | | |
| Shale | | | 548 | 612 | | |
| Sand | | | 612 | 642 | | |
| Shale | | | 642 | 692 | | |
| Big Lime | | | 692 | 824 | | |
| Big Injun | | | 824 | 904 | | |
| Shale | | | 904 | 1293 | | |
| Berea Sand | | | 1293 | 1297 | | |
| Shale | | | 1297 | 1370 | | |
| Gantz Sand | | | 1370 | 1420 | | |
| Shale | | | 1420 | 1532 | | |
| Gordon Stray Sand | | | 1532 | 1556 | | |
| Shale | | | 1556 | 1638 | | |
| Gordon Sand | | | 1638 | 1720 | | |
| Shale | | | 1720 | 2592 | | |

(over)

* Indicates Electric Log tops in the remarks section.

PLEASANTS 1159

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | Remarks |
|-----------------|-------|--------------|----------|-------------|-------------------|---------|
| Brown Shale | | | 2592 | 3372 | Oil & Gas | |
| Shale | | | 3372 | 3484 | | |
| Marcellus Shale | | | 3484 | 3521 | Oil | |
| Shale | | | 3521 | 3602 | | |
| Total Depth | | | 3602 | | | |

Date

19

APPROVED

W. D. ...

Owner

By

(Title)

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

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INSPECTOR'S WELL REPORT

Permit No. 73-1159

OIL & GAS DIVISION
DEPT. OF MINES

| Company | Address | Farm | Well No. | District | County | CASING AND TUBING | USED IN DRILLING | Left in well | PACKERS |
|------------------------|------------------------|---------------|----------|----------|------------------|------------------------|------------------|--------------|----------------|
| | | | | | | Size | | | |
| <u>Ferrell Prior</u> | <u>Parkersburg WV.</u> | <u>Taylor</u> | <u>1</u> | | <u>Pleasants</u> | | | | |
| | | | | | | 16 | | | Kind of Packer |
| | | | | | | 13 | | | |
| | | | | | | 10 | | | Size of |
| | | | | | | 8 1/4 | 206 | 206 | |
| | | | | | | 6 3/4 | | | Depth set |
| | | | | | | 5 3/16 | | | |
| | | | | | | 3 | | | Perf. top |
| | | | | | | 2 | | | Perf. bottom |
| | | | | | | Liners Used | | | Perf. top |
| | | | | | | | | | Perf. bottom |
| Drilling commenced | | | | | | | | | |
| Drilling completed | | | | | | Total depth <u>215</u> | | | |
| 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 CEMENTED 8 5/8 SIZE 206 No. FT. 4-10-81 Date

NAME OF SERVICE COMPANY Dowell

80Sk. Used

COAL WAS ENCOUNTERED AT FEET INCHES

FEET INCHES FEET INCHES

FEET INCHES FEET INCHES

Drillers' Names

Remarks:

4-10-81
DATE

Phil Long 572
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

| Liner | Location | Amount | Packer | Location | | |
|-----------------------------|-----------|--------|-----------------------|-------------------|------|------|
| PLUGS USED AND DEPTH PLACED | | | BRIDGES | CASING AND TUBING | | |
| CEMENT-THICKNESS | WOOD-SIZE | LEAD | CONSTRUCTION-LOCATION | RECOVERED | SIZE | LOST |
| | | | | | | |
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Drillers' Names _____

Remarks: _____

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

 DISTRICT WELL INSPECTOR



RECEIVED
MAR 5 - 1984
OIL & GAS DIVISION
DEPT. OF MINES

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
February 23, 1984

COMPANY Ferrell Prior
P. O. Box 1486
Parkersburg, West Virginia 26101

PERMIT NO 073-1159
FARM & WELL NO L. C. Westbrook #1
DIST. & COUNTY Grant/Pleasants

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

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

SIGNED R.A. Lowther
DATE 2-29-84

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. ...
Administrator-Oil & Gas Division

March 15, 1984

DATE

NOV 13 1981
 OIL & GAS DIVISION
 DEPT. OF MINES

| 1.0 API well number: (If not available, leave blank. 14 digits.) | 47-073-1159 | | | | | | | | | | | | | | | |
|--|---|---------|--|-------------------------------|--|-------------------------------|--|-------|-----|-----|-------|--|-------|-----|-----|-------|
| 2.0 Type of determination being sought. (Use the codes found on the front of this form.) | 107 <small>Section of NGLB</small> | | | | | | | | | | | | | | | |
| 3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.) | 3602 feet | | | | | | | | | | | | | | | |
| 4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.) | Name: <u>Ferrell Prior</u> Street: <u>P. O. Box 1486</u> City: <u>Parkersburg,</u> State: <u>WV</u> Zip Code: <u>26101</u> | | | | | | | | | | | | | | | |
| 5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) | Field Name: <u>Grant</u> County: <u>Pleasants</u> State: <u>WV</u> | | | | | | | | | | | | | | | |
| (b) For OCS wells: | Area Name: _____ Block Number: _____ Date of Lease: _____ Mo. Day Yr. OCS Lease Number: _____ | | | | | | | | | | | | | | | |
| (c) Name and identification number of this well: (35 letters and digits maximum.) | Taylor #1 | | | | | | | | | | | | | | | |
| (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) | _____ | | | | | | | | | | | | | | | |
| 6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) | Name: <u>Consolidated Gas Supply Co.</u> Buyer Code: _____ | | | | | | | | | | | | | | | |
| (b) Date of the contract: | _____ Mo. Day Yr. | | | | | | | | | | | | | | | |
| (c) Estimated annual production: | _____ MMBtu | | | | | | | | | | | | | | | |
| | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;"></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:25%;">(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;">4.957</td> <td style="text-align: center;">---</td> <td style="text-align: center;">---</td> <td style="text-align: center;">4.957</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;">4.957</td> <td style="text-align: center;">---</td> <td style="text-align: center;">---</td> <td style="text-align: center;">4.957</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.) | 4.957 | --- | --- | 4.957 | 8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.) | 4.957 | --- | --- | 4.957 |
| | (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.) | 4.957 | --- | --- | 4.957 | | | | | | | | | | | | |
| 8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.) | 4.957 | --- | --- | 4.957 | | | | | | | | | | | | |
| 9.0 Person responsible for this application | Name: <u>Ferrell Prior</u> Title: <u>Owner</u> Signature: _____ Date Application is Completed: <u>November 4, 1981</u> Phone Number: <u>304-485-7418</u> | | | | | | | | | | | | | | | |

Agency Use Only
 Date Received by Juris. Agency:
NOV 13 1981
 Date Received by FERC

5

PARTICIPANTS:

DATE: MAR 24 1982

BUYER-SELLER CODE

WELL OPERATOR: Ferrell Prior

FIRST PURCHASER: Consolidated Gas Supply Co

004228

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
81113 -107-073-1159
 Use Above File Number on all Communications
 Relating to Determination of this Well

~~needs gamma ray log - marked~~
~~plot does not correspond to other records~~
Qualifies??
J. H. Arzoo

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 Items not completed - Line No. 7.0 + 6.0 b,c
- 2. IV-1 Agent Ferrell Prior
- 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: 4-10-81 Date completed 4-17-81 Deepened _____
- (5) Production Depth: 2592-3372, 3484-3521
- (5) Production Formation: Brown Shale, Marcellus Shale
- (5) Final Open Flow: NA
- (5) After Frac. R. P. NA
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: _____
- (8) Avg. Daily Gas from 90-day ending w/1-120 days _____
- (8) Line Pressure: _____ PSIG from Daily Report _____
- (5) Oil Production: _____ From Completion Report _____
- 10-17. Does lease inventory indicate enhanced recovery being done NO
- 10-17. Is affidavit signed? Notarized?
- Does official well record with the Department confirm the submitted information? yes
- Additional information _____ Does computer program confirm? _____
- Was Determination Objected to _____ By Whom? _____

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Operator's Well No. One (1)

API Well No. 47 - 073 - 1159
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. (If Applicable)

WELL OPERATOR Ferrell Prior

DESIGNATED AGENT Ferrell Prior

ADDRESS P.O. Box 1486
Parkersburg, West Virginia 26101

ADDRESS P. O. Box 1486
Parkersburg, West Virginia 26101

Gas Purchase Contract No. 4275 and Date October 15, 1981

Meter Chart Code Unknown (Month, day and year)

Name of First Purchaser Consolidated Gas Supply Corporation
445 West Main Street

Clarksburg, West Virginia 26301
(City) (State) (Zip Code)

FERC Seller Code N/A

FERC Buyer Code 004228

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 107 Section of NGPA Category Code
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Ferrell Prior Owner
Name (Print) Title

Ferrell Prior
Signature

P. O. Box 1486
Street or P. O. Box

Parkersburg, W. Va. 26101
City State (Zip Code)

304 485-7419
Area Code Phone Number

Code

(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 1975 (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 105 of (NGPA).

All interested parties are hereby notified that on the day of 1981 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

NOV 13 1981

Date received by
Jurisdictional Agency

Director
By J. E. Murray
Title

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

Date November 4, 1981

Operator's Well No. Taylor #1

API Well No. 073 - 1159
State _____

WELL CLASSIFICATION FORM
HIGH COST GAS WELL - DEVONIAN SHALE
MGPA Section 107

DESIGNATED AGENT Ferrell Prior

ADDRESS P. O. Box 1486

Parkersburg, West Virginia 26101

WELL OPERATOR Ferrell Prior

ADDRESS P. O. Box 1486

Parkersburg, WV 26101

LOCATION Elevation 952

Watershed Calf Creek

Dist. Grant County Pleasants Quad Willow

GAS PURCHASER Consolidated Gas Supply Co. Gas Purchase Contract No. 4275 Island 7.5

ADDRESS 445 West Main Street

Clarksburg, WV 26301

Meter Chart Code N/A

Date of Contract October 15, 1981

* * * * *

Date surface drilling began: 4/10/81

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

See Attached Sheet

AFFIDAVIT

I, Ferrell Prior, 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 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.

Ferrell Prior

T

STATE OF WEST VIRGINIA.

COUNTY OF Wood TO WIT.

I, Steven D. Winland, a Notary Public in and for the state and county aforesaid, do certify that Ferrell Prior, whose name is signed to the writing above, bearing date the 4th day of November, 1981, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 4th day of November, 1981.

My term of office expires on the 4th day of November, 1981.

Steven D. Winland
Notary Public

[NOTARIAL SEAL]

TAYLOR #1

$$f(x) = \text{BHP} = P_1 + P_1(x)$$

WHERE P_1 IS A GIVEN MEASUREMENT

AND x IS A EQUATION $e^y - 1$

WHERE $y = GL/53.34T$

$$G = .72$$

$$L = 3500$$

$$T = 60 + (3500 \div 100) + 459.69 = 459.69 = T^\circ R$$

$$T = 554.69$$

$$53.34T = 29,587.164$$

$$G \cdot L = 2520$$

$$GL/53.34T = 0.085172$$

$$e^x = 1.088904$$

$$e^x - 1 = 0.088904$$

$$P_1 = 700$$

$$P_1 + P_1(x) = 762.2328$$

IV-27
11/23/81



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: May 13, 1982
Well No: Taylor 1
API NO: 47-073 1159
State County Permit

Oil and Gas Division
NOTICE OF VIOLATION

WELL TYPE: Oil ✓ Gas ✓ Liquid Injection / Waste Disposal /
Of "Gas" - Production / Storage / Deep / Shallow ✓ /
LOCATION: Elevation: 952 Watershed: Calf Creek
District: Grant County: Pleasants Quadrangle: Schully
WELL OPERATOR Prior Oil Co DESIGNATED AGENT Forrell L. Prior
Address P.O. Box 1486 Address P.O. Box 1486
Parkersburg W. Va Parkersburg W. Va. 26101

The above well is being posted this 13 day of May, 1982, for a violation of Code 22-4-12B and/or Regulation , set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Failure to Re Claim Roads & wells site within 6 months

RECEIVED
MAY 17 1982
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until June 1, 1982, to abate this violation. Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Robert A. Lowther
Oil and Gas Inspector
Address Middlebourne
W. Va. 26149 ✓
Telephone: 758-4764

IV-27
11/23/81



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: May 13 1982
Well No: Taylor 182
API NO: 47-073-115981160
State County Permit

Oil and Gas Division
NOTICE OF VIOLATION

WELL TYPE: Oil / Gas Liquid Injection / Waste Disposal /
Of "Gas" - Production / Storage / Deep / Shallow
LOCATION: Elevation: 9528961 Watershed: Calf Creek
District: Grant County: Pleasants Quadrangle: Schully
WELL OPERATOR Prior oil co DESIGNATED AGENT Ferrell L Prior
Address P.O. Box 1486 Address P.O. Box 1486
Parkersburg W.Va. 26101 Parkersburg W.Va. 26101

The above well is being posted this 13 day of May, 1982, for a violation of Code 22-4-703 and/or Regulation _____, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Failure to identify wells Permit no

RECEIVED
MAY 17 1982
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until June 1, 1982, to abate this violation.

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

Robert A. Lowther
Oil and Gas Inspector
Address Middlebourne W.Va. 26049
Telephone: 758-4764

Date: June 16, 1982
Operator's Well Number Taylor 1
API Well No. 47 - 073 F-1159
State County Permit

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

ORDER FOR FAILURE TO ABATE VIOLATION

WELL TYPE: Oil / Gas / Liquid Injection _____ / Waste Disposal _____ /
If "Gas" - Production / Underground Storage _____ / Deep _____ / Shallow /

LOCATION: Elevation: 952 Watershed: _____
District: Grant County: Pleasants Quadrangle _____

WELL OPERATOR: Prior Oil Co
Address: 304 Union Trust Bldg Parkersburg W. Va.

DESIGNATED AGENT: Ferrell L Prior
Address: 304 Union Trust Bldg Parkersburg W. Va.

Notice is hereby given that the undersigned authorized oil and gas inspector has made a special inspection of the above-named well on May 13, 1982.

- Upon the expiration of a period of time originally fixes for abatement.
- _____ Upon the order of the Administrator for the Office of Oil and Gas at the request of the well operator.
- _____ Upon the request of the Administrator for the Office of Oil and Gas.

The violation of Code 22-4-12B heretofore found to exist on May 13, 1982 by Form IV-27, "Notice of Violation" /, Form IV-28, "Imminent Danger Order" _____ / of that date has not been totally abated and it has been determined that no further extension of time should be permitted for the following reasons:

(USE REVERSE SIDE OF THIS ORDER IF NECESSARY)

No work on Re Claiming Has been started

Therefore, in accordance with the provisions of Code 22-4-1g, the well operator is hereby ORDERED:

- _____ To continue cessation of operations until the imminent danger is fully abated.
- To cease further operations until the violation has been fully abated.

In accordance with Code 22-4-1h, a well operator or complaining coal operator, owner, or lessee may apply for review of this Order within 15 days of the date of this Order.

Robert A. Lowther
Oil and Gas Inspector

PURCHASER: _____
Address: _____

Address: Middlebourne W. Va.
Telephone: 758-4764

(Copies of this ORDER have been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.)

83
Name of Applicant
John I
City
1139

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, GEOLOGY AND METALS
ORDER FOR PAYMENT OF TAXES

WEEK TYPE: A B C D E F G

FOR TYPE: A B C D E F G

WEEK TYPE: A B C D E F G

FOR TYPE: A B C D E F G

WEEK TYPE: A B C D E F G

FOR TYPE: A B C D E F G

WEEK TYPE: A B C D E F G

FOR TYPE: A B C D E F G

No work on Re Claiming Has been started

Robert A. [Signature]
[Signature]
738-4764

...

RECEIVED

JUN 23 1983



IV-27
11/23/81

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

Date: June 21 1983
Well No: 1
API NO: 47-073-1159
State County Permit

Oil and Gas Division NOTICE OF VIOLATION

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal /
Of "Gas" - Production / Storage / Deep / Shallow /

LOCATION: Elevation: 952 Watershed: Calf Creek
District: Grant County: _____ Quadrangle: Willow Island

WELL OPERATOR Ferrell prior DESIGNATED AGENT Ferrell prior
Address P.O. Box 1486 Address P.O. Box 1486
Parkersburg W.Va. 26101 Parkersburg W.Va. 26101

The above well is being posted this 21 day of June, 1983, for a violation of Code 22-4-2B and/or Regulation _____, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Failure to Re Claim well site within 6 months after completion of Drilling

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until June 28, 1983, to abate this violation.

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

Robert A. Lowther
Oil and Gas Inspector

Address Middlebourne
W.Va. 26149

Telephone: 758-4764

Date: Aug 23, 19 83

Operator's Well No. 1

API Well No. 47-073-1159
State County Permit

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

NOTICE OF ABATEMENT

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
 (If "Gas", Production / Underground Storage / Deep / Shallow)
 LOCATION: Elevation: 961 Watershed: Calf Creek
 District: Jefferson County: Pleasants Quadrangle: Schully
 WELL OPERATOR Ferrell prior DESIGNATED AGENT Ferrell prior
 Address P.O. Box 1486 Address _____
Parkersburg, W. Va. 26101

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on Aug 23, 19 83,

- Upon the expiration of a period of time originally fixed for abatement.
- Upon the order of the Deputy Director for Oil and Gas at the request of the well operator.
- Upon the request of the Deputy Director for Oil and Gas.

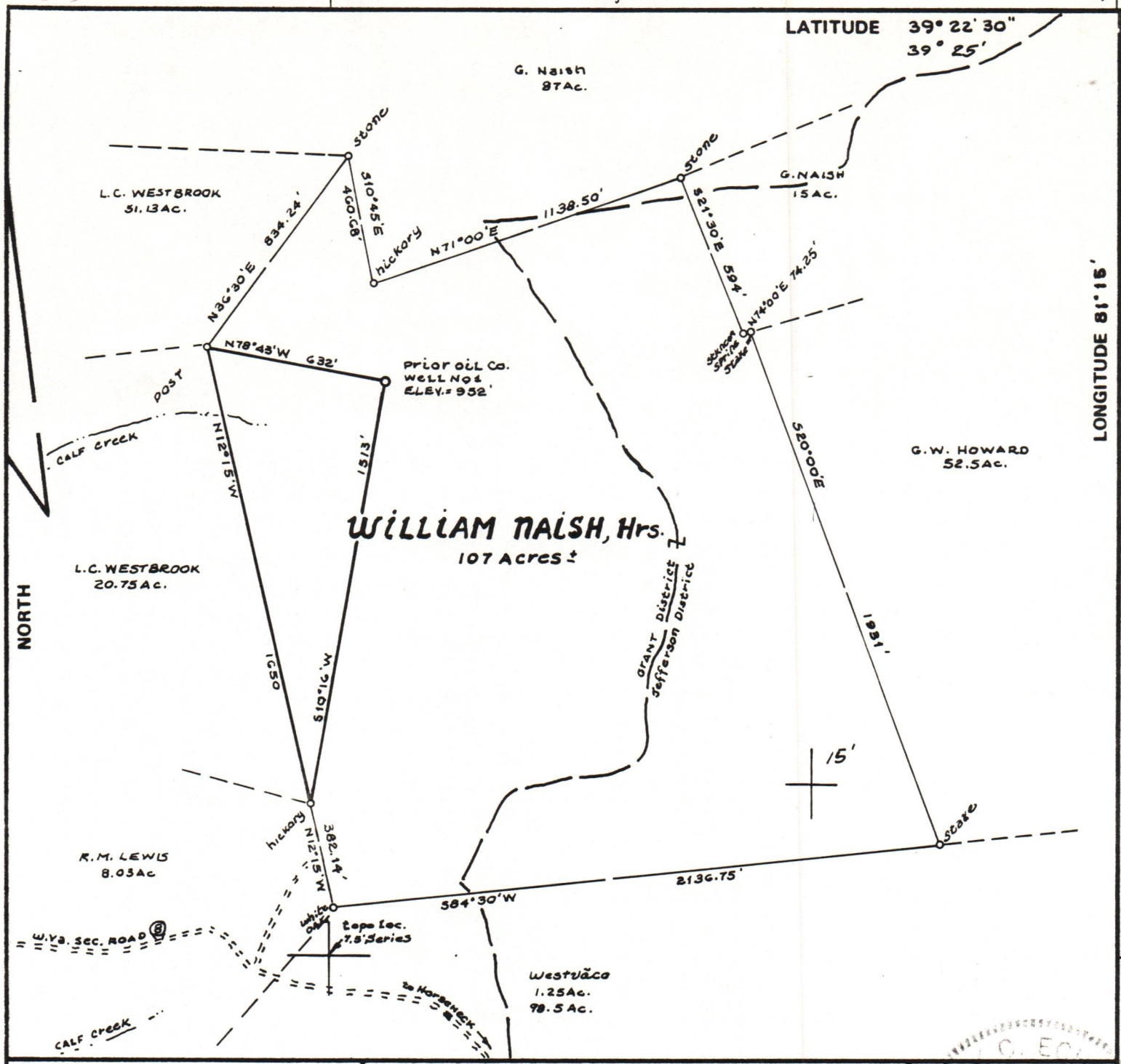
The violation of Code § 22-4-12B heretofore found to exist on June 21, 19 83, by Form IV-27, "Notice of Violation" Form IV-28, "Imminent Danger Order" of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS well site is Re claimed

RECEIVED
 AUG 24 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

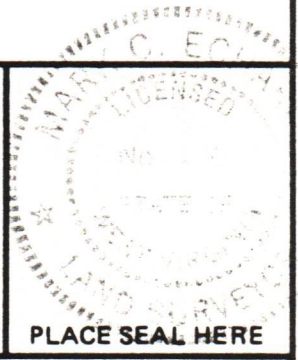
A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

Robert A. Lowther
 Oil and Gas Inspector
 Address: meddlobound
W. Va.
 Telephone: 758-4764



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION JCT OF ROADS 2800' S.W. OF LOC. - ELEV. = 791'

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. Mark C. Echard
 (SIGNED) MARK C. ECHARD
 R.P.E. _____ L.L.S. 490



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)
 WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 952' WATER SHED CALF CREEK
 DISTRICT Grant COUNTY PLEASANTS
 QUADRANGLE WILLOW ISLAND 7.5'
 SURFACE OWNER L.C. WESTBROOK, et al. ACREAGE 104.34
 OIL & GAS ROYALTY OWNER DAVIS WORTH, et al. LEASE ACREAGE 107
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 4000'±
 WELL OPERATOR FERRELL L. PRIOR DESIGNATED AGENT Mr. FERRELL L. PRIOR
 ADDRESS P.O. BOX 1486 ADDRESS P.O. BOX 1486
PARKERSBURG, W.VA. 26101 PARKERSBURG, W.VA. 26101

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 DATE March 18, 1981
 OPERATOR'S WELL NO. one
 API WELL NO. _____
47 - 073 - 1159
 STATE COUNTY PERMIT

RECEIVED

JUL -1 1983

FORM IV-30

OIL & GAS DIVISION
DEPT. OF MINES

Date: June 29, 1983
Operator's Well Number 1
API Well No. 47 - 073 - 1159
State County Permit

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

ORDER FOR FAILURE TO ABATE VIOLATION

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal /
If "Gas" - Production / Underground / Storage / Deep / Shallow /

LOCATION: Elevation: 952 Watershed: Call Creek
District: Grant County: Putnam Quadrangle: Willow Island

WELL OPERATOR: Ferrell Prod
Address: P.O. Box 1486 Parkersburg W.Va. 26101

DESIGNATED AGENT: Ferrell Prod
Address: P.O. Box 1486 Parkersburg W.Va. 26101

Notice is hereby given that the undersigned authorized oil and gas inspector has made a special inspection of the above-named well on June 29, 1983.

- Upon the expiration of a period of time originally fixed for abatement.
- Upon the order of the Administrator for the Office of Oil and Gas at the request of the well operator.
- Upon the request of the Administrator for the Office of Oil and Gas.

The violation of Code 22-4-23, heretofore found to exist on June 21, 1983 by Form IV-27, "Notice of Violation" /, Form IV-28, "Imminent Danger Order" of that date has not been totally abated and it has been determined that no further extension of time should be permitted for the following reasons:

(USE REVERSE SIDE OF THIS ORDER IF NECESSARY)

Failure to Re Claim well site within 6 months after completion of Drilling

Therefore, in accordance with the provisions of Code 22-4-1g, the well operator is hereby ORDERED:

- To continue cessation of operations until the imminent danger is fully abated.
- To cease further operations until the violation has been fully abated.

In accordance with Code 22-4-1h, a well operator or complaining coal operator, owner, or lessee may apply for review of this Order within 15 days of the date of this Order.

PURCHASER: _____
Address _____

Robert A. Lowther
Oil and Gas Inspector
Address: Middlebourne
W.Va 26149
Telephone: 758-4764

(Copies of this ORDER have been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.)

RECEIVED
JUL 1933

DEPT. OF MINES
OFFICE OF GAS DIVISION

DATE OF REPORT _____
NAME OF WELL _____
COUNTY _____

STATE OF WEST VIRGINIA
THE DEPT. OF MINES, OFFICE OF GAS DIVISION
ORDER FOR FAILURE TO ABATE MINE GAS

WELL TYPE _____
LOCATION _____
WELL DEPTH _____
ADDRESS _____
DESIGNATED AREA _____

It is hereby given that the undersigned, authorized by and for the Board of Gas Supervisors of the State of West Virginia, do hereby order that the owner of the above described well, to wit: _____, shall cause the gas in the well to be abated within the time specified in this order and shall cause the same to be reported to the undersigned in writing.

Should the owner of the above described well fail to cause the gas in the well to be abated within the time specified in this order, the undersigned is authorized to cause the same to be abated by such means as may be deemed proper by the undersigned, and the cost thereof shall be paid by the owner of the well.

Witness my hand and the seal of the Department of Mines, Office of Gas Division, at Charleston, West Virginia, this _____ day of _____, 1933.

Director, Office of Gas Division, Department of Mines, State of West Virginia

Name of Operator
Address

(Copies of this order shall be placed in the well file and sent to the designated agent.)