

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

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME S. W. Jack Drilling Company NAME W. B. Berry
 ADDRESS Buckhannon, W. Va. ADDRESS Clarksburg, W. Va.
 TELEPHONE 472-9403 TELEPHONE 622-3450
 ESTIMATED DEPTH OF COMPLETED WELL: 4280' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson & Elk
 TYPE OF WELL: OIL _____ GAS XX COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

| CASING AND TUBING SIZE | USED FOR DRILLING | LEFT IN WELL | CEMENT FILL UP OR SACKS - CUBIC FT. |
|--------------------------------|-------------------|--------------|-------------------------------------|
| 20 - 16 | | | |
| XXXXXX 11-3/4" Cond | 30' | 30' | To surface |
| 9 - 5/8 | | | |
| 8 - 5/8 | 1000' | 1000' | To surface |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | 4280' | 4280' | 200 bags |
| 3 | | | Perf. Top |
| 2 | | | Perf. Bottom |
| Liners | | | Perf. Top |
| | | | Perf. Bottom |

APPROXIMATE FRESH WATER DEPTHS 65' FEET _____ SALT WATER None FEET _____
 APPROXIMATE COAL DEPTHS Various
 IS COAL BEING MINED IN THE AREA? No 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.

BLANKET BOND

For Coal Company

Official Title



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR - 9 1980

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

OIL & GAS DIVISION
DEPT. OF MINES

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

Surface Owner Tygart West Inc.
c/o Hillman Coal & Coke
Address P.O. Box 189, Bridgeport, WV
Mineral Owner R. Kenneth Talbott, agt.
Address 1599 Quarrier St., Charleston, WV
Coal Owner Same
Address _____
Coal Operator Not operated
Address _____

DATE April 7, 1980
J & J Enterprises, Inc.
Company c/o Berry Energy Consultants, Inc.
Address Clarksburg, W. Va.
Farm Kenneth Talbott Acres 60
Location (waters) Laurel Creek
Well No. B-343 Elevation 1570'
District Glade County Barbour
Quadrangle Nestorsville

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 12-18-80

Robert T. [Signature]

Deputy Director - Oil & Gas Division
GENTLEMEN:

INSPECTOR
TO BE NOTIFIED Robert Stewart
ADDRESS P.O. Box 345, Jane Lew, WV
PHONE 884-7782

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 5-1-78 19 by R. Kenneth Talbott made to W. B. Berry and recorded on the 17th day of May 1978, in Barbour County, Book 79 Page 204

XXX 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 same day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, J & J Enterprises Inc.
c/o Berry Energy Consultants, Inc.

(Sign Name) [Signature]
Well Operator

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 308-309 Professional Building
Street
Clarksburg,
City or Town
West Virginia
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.

BLANKET BOND

47-001-1333 PERMIT NUMBER

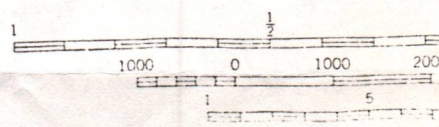
"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by _____



● Designates Location B-343
Nestorsville 7.5'

1:62,500 FEET
1:62,500
Compiled, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1956. Field check 1953



4 1/2°

DEPT. OF MINES
OIL & GAS DIVISION

APR - 9 1930

RECEIVED

BERRY ENERGY CONSULTANTS AND MANAGERS, INC.
308-309 PROFESSIONAL BUILDING
POST OFFICE BOX 5
CLARKSBURG, WEST VIRGINIA 26301

RECEIVED

APR - 9 1980

OIL & GAS DIVISION
DEPT. OF MINES
WELL NO. B-345

OWNERSHIP COMPANY J & J Enterprises, Inc. c/o Berry Energy Consultants

FARM: Kenneth Talbott ACRES 60

COUNTY: Barbour DISTRICT: Glade QUADRANGLE: Nestorville 7.5'

(1) Access Road Description: Leave county road onto private road down grade through brush then cross creek up grade to location.

(2) Approximate Percent Of Grade: 6°

(3) Description Of Road Drainage: Two culverts needed in existing road and one large culvert in creek

TOPO MAP DETAILS ILLUSTRATE THE FOLLOWING:

- (1) Proposed Well Location Indicated By Shaded Area. Size: 100' x 200'
- (2) Proposed Well Road And Drainage Plan Shown By Dotted Lines.
- (3) Pit Is Located N S E W Of Well Location.
- (4) Solid Cut: YES NO Suitably Sealed To Retain Fluid: YES NO
- (5) Timber And Surface Coverage: Secondary timber and brush

(6) Nearest Dwelling: 2,000' Nearest Water Well: Unknown
approximate approximate, if known

(7) This plan was observed and agreed upon between the well operator, contractor, and the district oil and gas inspector.

Please indicate () "Yes" if the district inspector was present.

(8) "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."

J.J.

FOR: J & J Enterprises, Inc.

BY: *W.B. Berry*

TITLE: Pres., Berry Energy Consultants & Mgr's., Inc

DATE: April 8, 1980

A-10

Berry Energy Consultants & Managers, Inc.

SUITE 808-809 PROFESSIONAL BUILDING
P. O. BOX 5

CLARKSBURG, WEST VIRGINIA 26301

W. B. BERRY
PRESIDENT

PHONE: 304/622-3450

April 8, 1980

RECEIVED

APR - 9 1980

CERTIFIED MAIL

OIL & GAS DIVISION
DEPT. OF MINES

Mr. R. Kenneth Talbott, Agent
1599 Quarrier Street
Charleston, WV 25311

RE: Well B-343
Glade District
Barbour County

Dear Sir:

This corporation, as operator for and in behalf of J & J Enterprises, Inc., has scheduled the drilling of a Benson test well identified as B-343 at a location as indicated by the attached Department of Mines well location map.

As required by state statute, we are obligated to advise you of the proposed well, thus affording you an opportunity to review the location as it relates to your mining activities, if any, and then to subsequently indicate your objection or acceptability of the proposed drill site.

Due to the critical time remaining to lease expiration, we are requesting that should you have no problems with the application that you execute the waiver provision on the back side of the application and return it to us without undue delay. In this manner, the Department of Mines will issue a permit under the 15 day statutory waiting period.

We would certainly appreciate your cooperation in this matter.

Yours very truly,



W. B. Berry

WBB:ss

Enclosures

cc: WV Department of Mines ✓

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
 1st Stage: Alexander; 10,000,80/100, 50,000,20/40, 580 Bbls. water Perf: 5059-62, 11 holes .41
 2nd Stage: 3rd Elk; 10,000,80/100,50,000,20/40, 530 Bbls. Water Perf:4710-33, 12 holes .41
 3rd Stage Benson: 10,000,80/100,50,000,20/40, 460 Bbls. Water Perf: 4050-92, 12 Holes .41
 4th Stage Riley: 10,000,80/100,50,000,20/40, 530 Bbls. Water Perf: 3716-36', 12 Holes .41

OIL AND GAS DIVISION
WV DEPARTMENT 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 |
| Top Soil | | | 0 | 5 | |
| Shale | | | 5 | 20 | |
| Sandy Shale | | | 20 | 45 | |
| Shale | | | 45 | 105 | Water @ 105' - 1/2" stream |
| Sandy Shale | | | 105 | 200 | |
| Coal | | | 200 | 205 | Coal |
| Shale | | | 205 | 250 | |
| Sand | | | 250 | 270 | |
| Red Rock | | | 270 | 450 | |
| Sand | | | 450 | 700 | |
| Sand & Shale | | | 700 | 1000 | |
| Lime | | | 1000 | 1150 | |
| Shale | | | 1150 | 1310 | |
| Sand | | | 1310 | 1350 | |
| Shale | | | 1350 | 2000 | Gas Ck @ 2000', No Show |
| Sand | | | 2000 | 2020 | |
| Sandy Shale | | | 2020 | 2300 | |
| Shale | | | 2300 | 2600 | Gas Ck @ 2600' No Show |
| Sand | | | 2600 | 2650 | |
| Shale | | | 2650 | 3400 | Gas Ck @ 3400', 10/10, 1/4" w/water |
| Sandy Shale | | | 3400 | 3700 | |
| Shale | | | 3700 | 4200 | Gas Ck @ 4200', 6/10, 1/4" w/water |
| Shale | | | 4200 | 5100 | |
| Sandy Shale | | | 5100 | 5200 | |
| Shale | | | 5200 | 5260 | Gas Ck @ 5260', 2/10, w/water |

(Attach separate sheets as necessary)

J & J Enterprise Inc. %

Berry Energy Consultants & Mgrs.

Well Operator

By:

Date:

[Signature]
1-29-82

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



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 |
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Drillers' Names _____

Remarks: _____

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

_____ DISTRICT WELL INSPECTOR

Static rock pressure 1150# psig (surface measurement) after 14 ^{Days} hours shut in
(If applicable due to multiple completion--)

Second producing formation _____ Pay zone depth _____ feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

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

(Continue on reverse side)

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

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OCT 19 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-1333

Oil or Gas Well GAS
(KIND)

| Company | CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
|---|---|------------------|--------------|----------------|
| <u>J&J ENTERPRISES</u> | Size | | | |
| Address <u>BUCK HANNON</u> | 16 | | | Kind of Packer |
| Farm <u>KENNETH TALBOTT</u> | 13 | | | |
| Well No. <u>B-343</u> | 10 | | | Size of |
| District <u>GLADE</u> County <u>BARBOUR</u> | 8 1/4 | | | |
| Drilling commenced <u>4-23-80</u> | 6 5/8 | | | Depth set |
| Drilling completed _____ Total depth _____ | 5 3/16 | | | |
| Date shot _____ Depth of shot _____ | 3 | | | Perf. top |
| Initial open flow _____ /10ths Water in _____ Inch | 2 | | | Perf. bottom |
| Open flow after tubing _____ /10ths Merc. in _____ Inch | Liners Used | | | Perf. top |
| Volume _____ Cu. Ft. | | | | Perf. bottom |
| Rock pressure _____ lbs _____ hrs. | CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____ | | | |
| Oil _____ bbls., 1st 24 hrs. | NAME OF SERVICE COMPANY _____ | | | |
| Fresh water _____ feet _____ feet | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES | | | |
| Salt water _____ feet _____ feet | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |
| | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |

Drillers' Names _____

Remarks:

ROAD NEEDS CLEANED UP - BRUSH CUT OUT OF STREAM
LOCATION NEEDS DIVERSION DITCH - LARGE STONES
REMOVED - NEEDS SOME SEED & MULCH
CANNOT RELEASE

10-14-81

DATE

Robert Stewart
DISTRICT WELL INSPECTOR

511

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: _____

Handwritten notes in pink ink:
 ROAD MADE - BRIDGE UP - BRIDGE OUT OF STREAM
 LOCATION - NEEDS SOME GOOD FUEL
 REMOVED - BRIDGE SOME STAYS

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

 DISTRICT WELL INSPECTOR

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

RECEIVED

MAY 10 1983

OIL & GAS DIVISION
INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 001-1333

Oil or Gas Well _____
(KIND)

Company J&J ENTERPRISES
 Address CLARKSBURG
 Farm Kenneth TALBOTT
 Well No. B-343
 District GLADE County BARBOUR
 Drilling commenced 4-80
 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 3/8 | | | 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:
LOCATION Re WORKED Will seed & mulch

5-6-83
DATE

Robert Stewart
DISTRICT WELL INSPECTOR

Form 26
2/16/82

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

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

| Liner | | | Packer | | | | |
|-----------------------------|-----------|--------|-----------------------|--|-------------------|------|------|
| Location | | Amount | Location | | 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:

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

_____ DISTRICT WELL INSPECTOR



State of West Virginia **RECEIVED**

Department of Mines
Oil and Gas Division

JUL 28 1982

Charleston 25305

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

DATE February 4, 1982

Mr. Robert Stewart
P. O. Box 345
Jane Lew, WV 26378

*NOT Complete
7-26-82*

PERMIT NO: 47-001-1333
COMPANY J & J Enterprises, Inc.
FARM: Kenneth Talbott
WELL NO: B-343
DISTRICT: Glade
COUNTY Barbour

Dear Sir:

Please make a FINAL INSPECTION within (30) days of the well described above,
or submit a STATUS REPORT - saying why this well cannot be released at this
time.

Very Truly yours,

Sarah Sheer

Sarah Sheer



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

Barnton B. Lay Jr.
 Director

Theodore M. Streit
 Administrator

June 27, 1985

J & J Enterprises, Inc.
 P. O. Box 48
 Buckhannon, West Virginia 26301

In Re: PERMIT NO: 47-001-1333 (4-18-80)
 FARM Kenneth Talbott
 WELL NO: B-343
 DISTRICT: Glade
 COUNTY: Barbour
 ISSUED: 4-18-80

gentlemen;

The FINAL INSPECTION REPORT for the above captined well has been received in his office. Only the column checked below applies:

The well designated by the above permit number has been released under your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

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

Very truly yours,

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

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

RECEIVED
JUN 19 1985
OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 001-1333
Company J & J Enterprises
Inspector PHILLIP TRACY
Date October 6, 1983

County Barbour
District Glade
Farm Kenneth Talbott
Well No. B-343 Issued 4-18-80

| RULE | DESCRIPTION | IN COMPLIANCE | |
|-------|---|---------------|----|
| | | Yes | No |
| 23.06 | Notification prior to starting work | ✓ | — |
| 25.04 | Prepared before drilling to prevent waste | ✓ | — |
| 25.03 | High-pressure drilling | ✓ | — |
| 16.01 | Required permits at wellsite | ✓ | — |
| 15.03 | Adequate fresh water casing | ✓ | — |
| 15.02 | Adequate coal casing | ✓ | — |
| 15.01 | Adequate production casing | ✓ | — |
| 15.04 | Adequate cement strength | ✓ | — |
| 23.02 | Maintained access roads | ✓ | — |
| 25.01 | Necessary equipment to prevent waste | ✓ | — |
| 23.03 | Reclaimed drilling site | ✓ | — |
| 23.04 | Reclaimed drilling pits | ✓ | — |
| 23.05 | No surface or underground pollution | ✓ | — |
| 7.05 | Identification markings | ✓ | — |

COMMENTS: _____

I have inspected the above well and have found it to be in compliance with the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia, and the well can be released from the permitted work.

SIGNED: *Phillip Tracy*

DATE: 6-12-85

FERC-121

| | | | | |
|---|--|----------------------|----------------------|---|
| 1.0 API well number: (If not assigned, leave blank. 14 digits.) | 47 - 001 - 1333 - 0000 | | | |
| 2.0 Type of determination being sought: (Use the codes found on the front of this form.) | 107 Section of NGPA | (d) Category Code | | |
| 3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.) | 5062 feet | | | |
| 4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.) | J & J Enterprises, Inc. Name P. O. Box 697 Street Indiana City | | PA State | 15701 Zip Code |
| 5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) | Glade Field Name Barbour County | | W. V. State | |
| | (b) For OCS wells: | N. A. Area Name | | Block Number |
| (c) Name and identification number of this well: (35 letters and digits maximum.) | B-343 | | | |
| (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) | N.A. | | | |
| 6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) | Consolidated Gas Supply Corp Name | | 004228 Buyer Code | |
| (b) Date of the contract: | Mo. Day Yr. | | | |
| (c) Estimated total annual production from the well: | Million Cubic Feet | | | |
| | | (a) Base Price | (b) Tax | (c) All Other Prices [Indicate (+) or (-).] |
| 7.0 Contract price: (As of filing date. Complete to 3 decimal places.) | S/MMBTU | --- | --- | --- |
| 8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.) | S/MMBTU | --- | --- | --- |
| 9.0 Person responsible for this application: | Richard J. Kline Name Secretary Title <i>Richard J. Kline</i> Signature 9/17/82 Date Application is Completed (412) 349-6800 Phone Number | | | |
| Agency Use Only | Date Received by Juris. Agency SEP 20 1982 Date Received by FERC | | | |

PARTICIPANTS:

DATE:

JAN 25 1983

BUYER-SELLER CODE

WELL OPERATOR: J + J Enterprises, Inc.

009480

FIRST PURCHASER: Consolidated Gas Supply Corp.

004288

OTHER:

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
82 0920-107-001 = 1333
 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. All 7.0 + 8.0
- 2. IV-1 Agent James R. Willett
- 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: 4-25-80 Date completed 5.4-80 Deepened
- (5) Production Depth: 4056-92, 3116-36, 4710-33, 5859-62
- (5) Production Formation: Benson, Riley, Elk, Alexander
- (5) Final Open Flow: 298 mcf
- (5) After Frac. R. P. 1150# 14 days
- (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 _____
- 0-17. Does lease inventory indicate enhanced recovery being done NO
- 0-17. Is affidavit signed? Notarized?
- Does official well record with the Department confirm the submitted information? yes
- Additional information _____ Does computer program confirm? _____
- As Determination Objected to _____ By Whom? _____

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

DESIGNATED AGENT James R. Willett

ADDRESS PO Box 48
Buckhannon, West Virginia 26201

LOCATION Elevation 1570'

WELL OPERATOR J & J Enterprises, Inc.

Watershed Laurel Creek

ADDRESS PO Box 697
Indiana, PA 15701

Dist. Glade County Barbour Quad. Nestorville

GAS PURCHASER Consolidated Gas Supply

Gas Purchase
Contract No. _____

ADDRESS PO Box 2450
Clarksburg, WVA 26301

Meter Chart Code _____

Date of Contract _____

* * * * *

Date surface drilling began: 4-25-80

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

$556 \times \frac{1}{53.35} = \frac{1}{29662} = .0000337 \times .622 \times 5052' \times .83 = 1350\# \times 2.72^{.088} = 1350\# \times 1.09 = 1474\#$

AFFIDAVIT

I, James H. McElwain, 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 0.1 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.

James H. McElwain

Executive Vice President

STATE OF ~~WEST VIRGINIA~~ Pennsylvania

COUNTY OF Indiana, TO-WIT:

I, Vicki L. Vanderberg, a Notary Public in and for the state and county aforesaid, do certify that James H. McElwain, whose name is signed to the writing above, bearing date the 17 day of Sept, 1982, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 17 day of Sept, 1982.
My term of office expires on the 23 day of Jan, 1984.

(NOTARIAL SEAL)

Notary Public
VICKI L. VANDERBERG, NOTARY PUBLIC
INDIANA BOROUGHS, INDIANA COUNTY
MY COMMISSION EXPIRES JAN 23, 1984
Member, Pennsylvania Association of Notaries

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

Date Sept. 17 1982

Operator's Well No. B-343

API Well No. 47 - 001 - 21333
State County Permit

Previous File No. _____ (If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR J & J Enterprises, Inc.

ADDRESS Box 697
Indiana, PA 15701

DESIGNATED AGENT James R. Willett

ADDRESS S. W. Jack Drilling Co.
Box 48, Buckhannon, W. VA. 26201

Gas Purchase Contract No. _____ and Date _____
Meter Chart Code _____
(Month, Day and year)

Name of First Purchaser Consolidated Gas Supply Corporation
P. O. Box 2450

(Street or P. O. Box) _____
Clarksburg, W. VA. 26301
(City) (State) (Zip Code)

FERC Seller Code 009480

FERC Buyer Code 004228

TYPE OF DETERMINATION BEING SOUGHT:

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

107 Section of NGPA
N/A Category Code

Richard J. Kline Secretary
Name (Print) Title

Richard J. Kline
Signature

P. O. Box 697
Street or P. O. Box
Indiana PA 15701
City State (Zip Code)

412 349-6800
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); 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

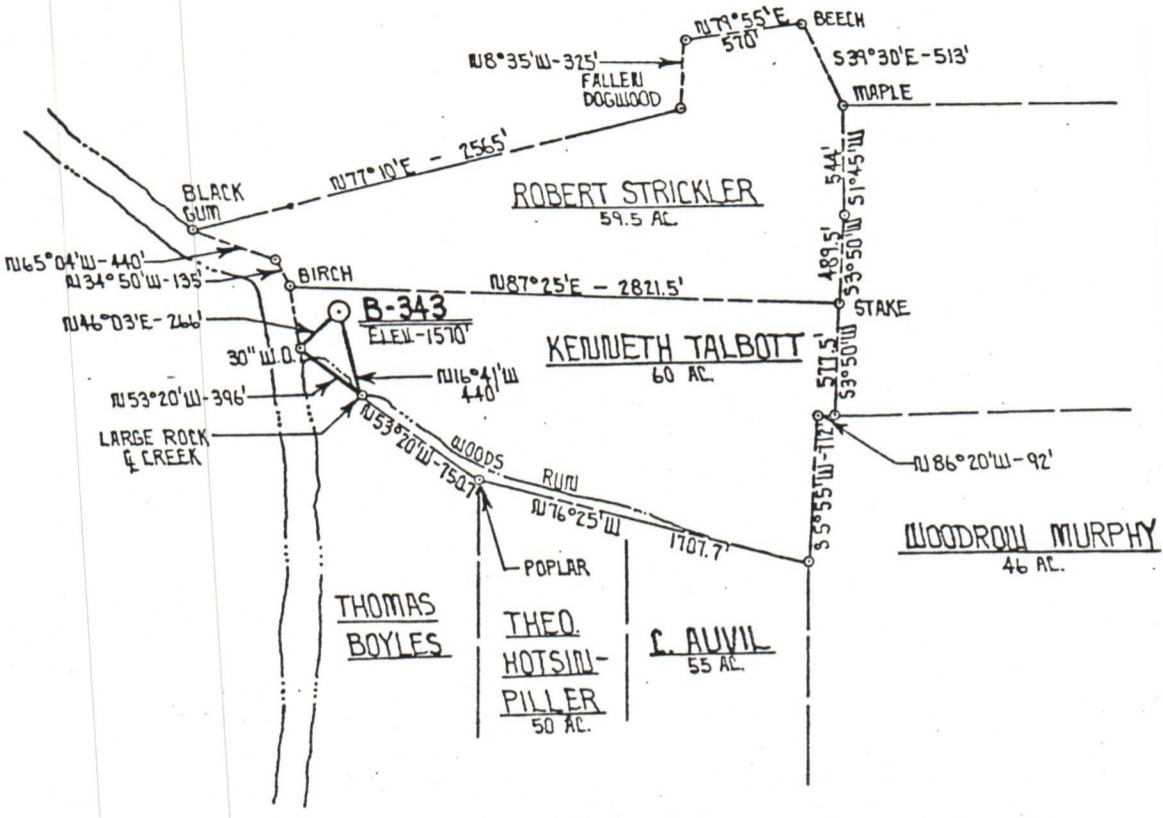
SEP 20 1982

Date received by
Jurisdictional Agency

By [Signature] Director
Title _____

Latitude 39° 10'

Longitude 79° 51' 30"

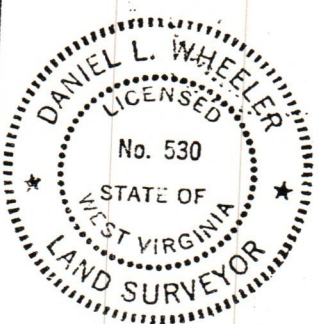
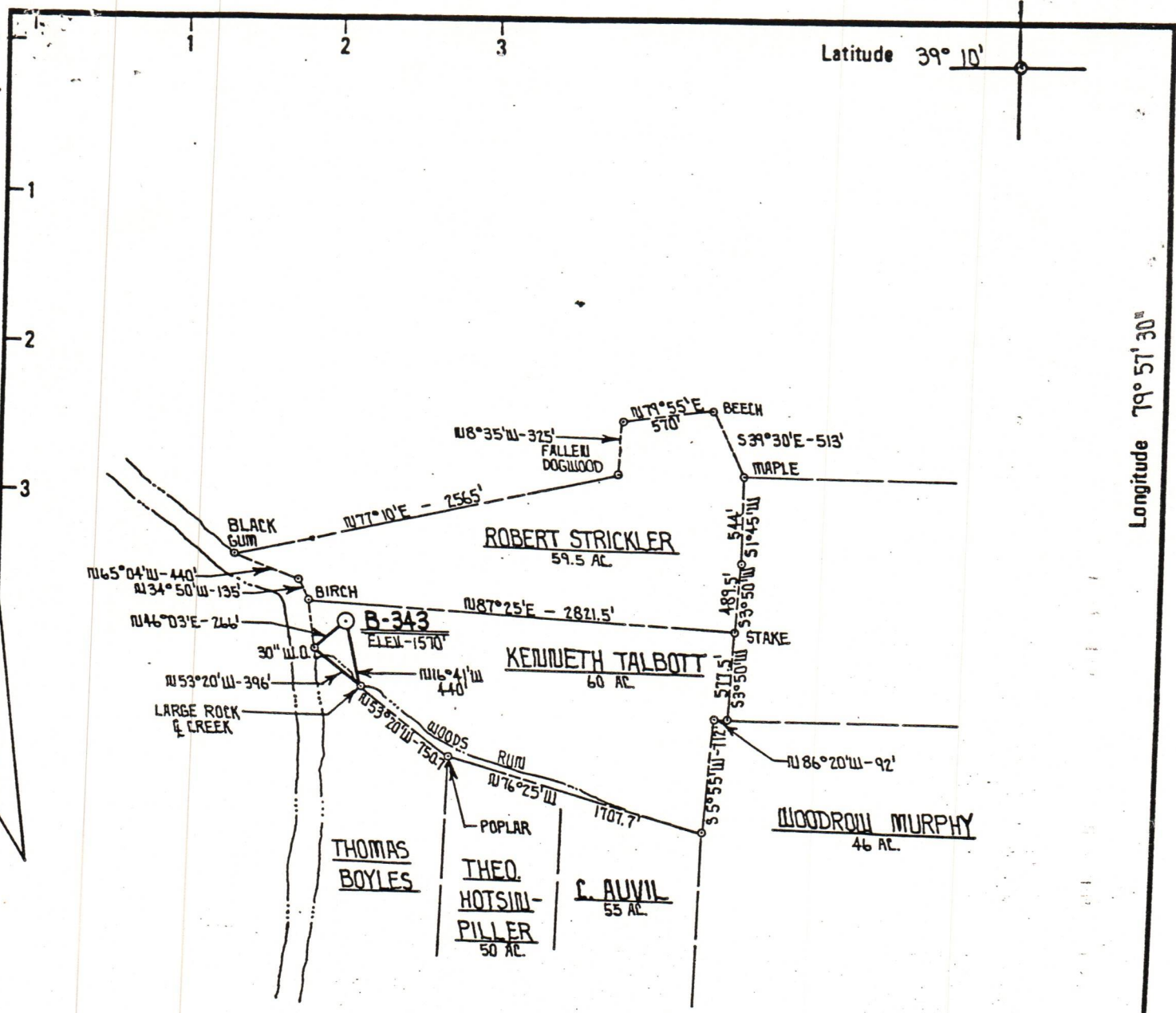


New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 PART IN 200
 Source of Elevation B.M. - INT. LAUREL CREEK & RT. 38
 ELEV. - 1528'
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company J & J ENTERPRISES, INC
 % BERRY ENERGY CONSUL. & MANAGERS, INC.
 Address SUITE 309 - PROFESSIONAL BLDG., CLARKSBURG, WV
 Farm KENNETH TALBOT
 Tract _____ Acres 60 Lease No. 1085
 Well (Farm) No. 1 Serial No. B-343
 Elevation (Spirit Level) 1570'
 Quadrangle NESTORVILLE 75'
 County BARBOUR District GLADE
 Engineer Daniel L. Wheeler L.L.S.
 Engineer's Registration No. 530
 File No. _____ Drawing No. _____
 Date 3/28/80 Scale 1" = 1,000'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. _____
 + Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 PART IN 200
 Source of Elevation B.M. - MOUNT LAUREL CREEK & RT. 38
ELEV. - 1528'
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company J. & J. ENTERPRISES, INC.
40 BERRY ENERGY CONSULT. & MANAGERS, INC.
 Address SUITE 309 - PROFESSIONAL BLDG., CLARKSBURG, WV
 Farm KENNETH TALBOT
 Tract _____ Acres 60 Lease No. 1085
 Well (Farm) No. 1 Serial No. B-343
 Elevation (Spirit Level) 1570'
 Quadrangle NESTORVILLE T5'
 County BARBOUR District GLADE
 Engineer Daniel L. Wheeler L.L.S.
 Engineer's Registration No. 530
 File No. _____ Drawing No. _____
 Date 3/28/80 Scale 1" = 1,000'

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

WELL LOCATION MAP
 FILE NO. _____

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

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

RECEIVED

APR 25 1980

INSPECTOR'S WELL REPORT OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 001-1333

Oil or Gas Well GAS
(KIND)

| Company | CASING AND TUBING | USED IN DRILLING | Left in Well | PACKERS |
|---|---|------------------|--------------|----------------|
| <u>F&J Enterprises</u> | | | | |
| Address <u>CLARKSBURG</u> | Size | | | |
| Farm <u>Kenneth Talbott</u> | 16 | | | Kind of Packer |
| Well No. <u>B-343</u> | 13 | | | |
| District <u>CLADE</u> County <u>BARBOUR</u> | 10 | | | Size of |
| Drilling commenced <u>4-23-80</u> | 8 1/4 | | | Depth set |
| Drilling completed _____ Total depth _____ | 6 3/4 | | | |
| Date shot _____ Depth of shot _____ | 5 3/16 | | | Perf. top |
| Initial open flow _____ /10ths Water in _____ Inch | 3 | | | Perf. bottom |
| Open flow after tubing _____ /10ths Merc. in _____ Inch | 2 | | | Perf. top |
| Volume _____ Cu. Ft. | Liners Used | | | Perf. bottom |
| Rock pressure _____ lbs. _____ hrs. | CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____ | | | |
| Oil _____ bbls., 1st 24 hrs. | NAME OF SERVICE COMPANY _____ | | | |
| Fresh water _____ feet _____ feet | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES | | | |
| Salt water _____ feet _____ feet | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |
| | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |

Drillers' Names Siw. JACK RiG-11

Remarks:

Move RiG SPUD

4-23-80

DATE

Robert Stewart 5
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 I hereby certify I visited the above well on this date.

DISTRICT WELL INSPECTOR