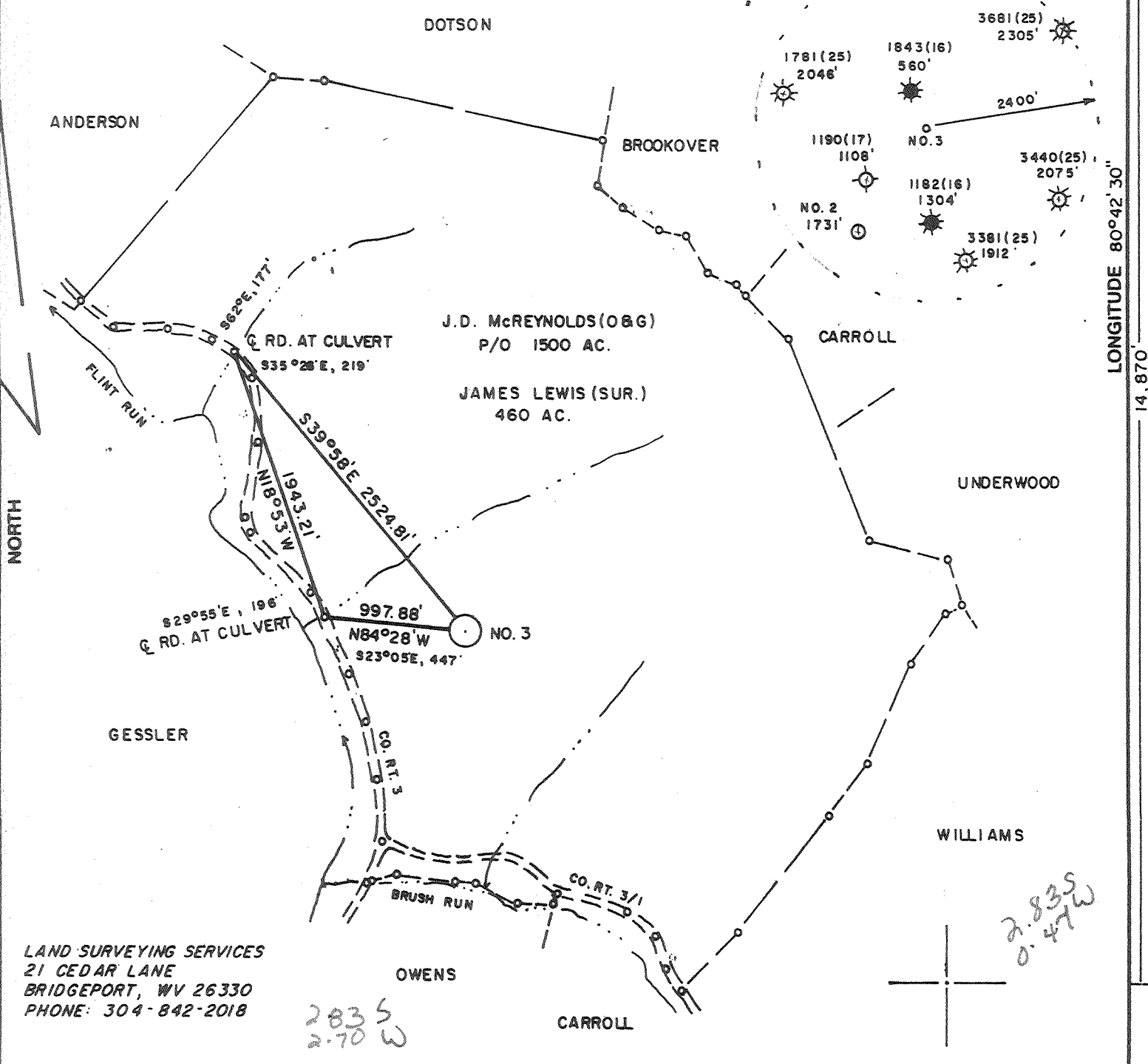


2560'

LATITUDE 39°25'00"

WELL REFERENCES:
N 25°E, 116.50' TO 7" HICKORY
S 29°45'E, 117.50' TO 6" HICKORY



LONGITUDE 80°42'30"

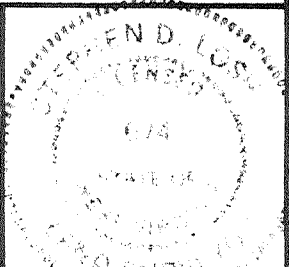
14,870

LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION EXIST. WELL 1781
 ELEV. - 774'

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 ENERGY.
 (SIGNED) _____
 R.P.E. _____ L.L.S. 674
 STEPHEN D. LOSH



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE JUNE 13, 19 91
 OPERATOR'S WELL NO. McREYNOLDS NO. 3
 API WELL NO. _____

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1110' WATERSHED FLINT RUN
 DISTRICT GRANT 3 COUNTY DODDRIDGE
 QUADRANGLE CENTER POINT 7.5 min. +15' WC

SURFACE OWNER JAMES LEWIS ACREAGE 460
 OIL & GAS ROYALTY OWNER J. D. McREYNOLDS LEASE ACREAGE 1500
 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 BENSON ESTIMATED DEPTH 5450'
 WELL OPERATOR STONEWALL GAS COMPANY DESIGNATED AGENT JESSE SHELL
 ADDRESS P.O. DRAWER R 447 ADDRESS P.O. DRAWER R
 JANE LEW, WV 26378 Smithton-Flint-Sedalia (099) JANE LEW, WV 26378

COUNTY NAME PERMIT

WR-35
 Environmental Protection
 FEB 04 93
 Permitting
 Office of Oil & Gas

20-Nov-92
 API # 47-17-04000

State of West Virginia
 Division of Environmental Protection
 Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: SPRENKLE, CHESTER & RUTH Operator Well No.: McREYNOLDS #3

LOCATION: Elevation: 1110.00 Quadrangle: CENTER POINT

District: GRANT County: DODDRIDGE
 Latitude: 14870 Feet South of 39 Deg. 25Min. 0 Sec.
 Longitude 2560 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: STONEWALL GAS COMPANY

909 E. MAIN ST., P.O. BOX 1575
 RICHMOND, VA 23213-0000

Agent: JESSE A. SHELL

Inspector: MIKE UNDERWOOD
 Permit Issued: 11/23/92
 Well work Commenced: 12-20-92
 Well work Completed: 12-29-92
 Verbal Plugging _____
 Permission granted on: _____
 Rotary X Cable _____ Rig _____
 Total Depth (feet) 5400
 Fresh water depths (ft) 35, 590

Salt water depths (ft) _____
 NONE REPORTED

Is coal being mined in area (Y/N)? N
 Coal Depths (ft): 562

| Size | Casing & Tubing | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|--------|-----------------|------------------|--------------|------------------------|
| 11 3/4 | | 126 | 126 | 65 SKS |
| 8 5/8 | | 1420 | 1420 | 350 SKS |
| 4 1/2 | | 5384 | 5384 | 370 SKS |
| | | | | |
| | | | | |

OPEN FLOW DATA

Producing formation BENSON Pay zone depth (ft) 5224
 Gas: Initial open flow 167 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 762 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 1 Hours
 Static rock Pressure 1350 psig (surface pressure) after 168 Hours

Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: STONEWALL GAS COMPANY

Reviewed TMG
 Recorded _____

By: [Signature] RAY M. FREAR, JR.
 Date: FEBRUARY 1, 1993 PETROLEUM ENGINEER

FEB - 8 1993

| 1 | STAGES | WATER | FRAC | 1/12/93 | DATE |
|--------|-----------|-------|------|---------|------|
| ZONES | PERFS | HOLES | BBL | BBP | ISIP |
| BENSON | 5224-5229 | 15 | 700 | 1578 | 1733 |

| FORMATION | COLOR | HARD/SOFT | TOP | BOTTOM | REMARKS |
|------------------|-------|-----------|------|--------|---------------------------|
| BTG | BROWN | SOFT | 0 | 10 | GAS CK @ 2330 2/10 2" W/W |
| SHALE, SAND & RR | GRAY | HARD | 10 | 415 | 2955 6/10 2" W/W |
| SAND & SHALE | BROWN | SOFT | 415 | 562 | 3529 6/10 2" W/W |
| COAL | BLACK | SOFT | 562 | 568 | 4356 6/10 2" W/W |
| SAND & SHALE | GRAY | SOFT | 568 | 685 | 4850 6/10 2" W/W |
| RR, SAND & SHALE | RED | HARD | 685 | 808 | 5286 16/10 2" W/ |
| SAND & SHALE | GRAY | HARD | 808 | 1785 | 5400 16/10 2" W/ |
| SHALE, SAND & RR | GRAY | HARD | 1785 | 1926 | |
| SAND & SHALE | GRAY | SOFT | 1926 | 2045 | |
| LITTLE LIME | BROWN | SOFT | 2045 | 2085 | |
| BIG LIME | BROWN | HARD | 2085 | 2180 | |
| IS INJUN | GRAY | HARD | 2180 | 2310 | |
| SHALE & SAND | GRAY | SOFT | 2310 | 5225 | |
| BENSON | GRAY | HARD | 5225 | 5400 | |
| | | | 5400 | | |

DF-435
DF-424

-5551

017-4000 Issued 11/23/92
 Expired 11/23/94

FORM WW-2B

NOV 0 5

Page of

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

- 1) Well Operator: ⁸⁴⁷ Stonewall Gas Company 47850 (3) 286
- 2) Operator's Well Number: McReynolds #3 (609-S) 3) Elevation: 1110'
- 4) Well type: (a) Oil ___ / or Gas X /
 (b) If Gas: Production X / Underground Storage ___ /
 Deep ___ / Shallow X /
- 5) Proposed Target Formation(s): ⁴³⁵ Benson
- 6) Proposed Total Depth: 5400' feet
- 7) Approximate fresh water strata depths: 40'; 350'; 800'; 1250'
- 8) Approximate salt water depths: 1600'
- 9) Approximate coal seam depths: 400'
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No X /
- 11) Proposed Well Work: Drill and Stimulate New Well
- 12)

CASING AND TUBING PROGRAM

| TYPE | SPECIFICATIONS | | FOOTAGE INTERVALS | | | CEMENT |
|--------------|----------------|-------|-------------------|--------------|--------------|---------------------|
| | Size | Grade | Weight per ft. | For drilling | Left in well | Fill-up (cu. ft.) |
| Conductor | 11 3/4" | | 32# | 100' / 20' | 100' / 20' | 38 CSR 18-11.3 |
| Fresh Water | | | | | | (M.U. OK) |
| Coal | | | | | | |
| Intermediate | 8 5/8" | | 20# | 1400' | 1400' | 38 CSR 18-11.2.2 |
| Production | 4 1/2" | J-55 | 10.5# | 5350' | 5350' | 38 CSR 18-11.1 |
| Tubing | | | | | | |
| Liners | | | | | | |

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

843 / 36
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket Agent

NOV 0 5

1) Date: NOVEMBER 3, 1992
2) Operator's well number
MCREYNOLDS #3 (609-S)
3) API Well No: 47 - 017 - 4000
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
(a) Name CHESTER F. & RUTHANN M.
Address SPRENKLE
2630 OBERLIN DR. YORK, PA 17404
(b) Name STANLEY L. & LOREEN V.
Address JORDAN
2630 OBERLIN DR. YORK, PA 17404
(c) Name _____
Address _____
6) Inspector MIKE UNDERWOOD
Address RT 2 BOX 135
SALEM, WV 26426
Telephone (304)- 782-1043

5) (a) Coal Operator:
Name N/A
Address _____
(b) Coal Owner(s) with Declaration
Name _____
Address ABRY F. GLASPELL
CP STAR RT
Name WEST UNION, WV 26456
Address _____
(c) Coal Lessee with Declaration
Name N/A
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:
_____ Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
_____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator STONEWALL GAS COMPANY
By: B.A. Hardesty B.A. HARDESTY
Its: PRESIDENT
Address PO DRAWER R
JANE LEW, WV 26378
Telephone 304-884-7881

Subscribed and sworn before me this 3RD day of NOVEMBER, 1992

Dorothy Queen Notary Public
My commission expires MARCH 14, 2000

