

6160

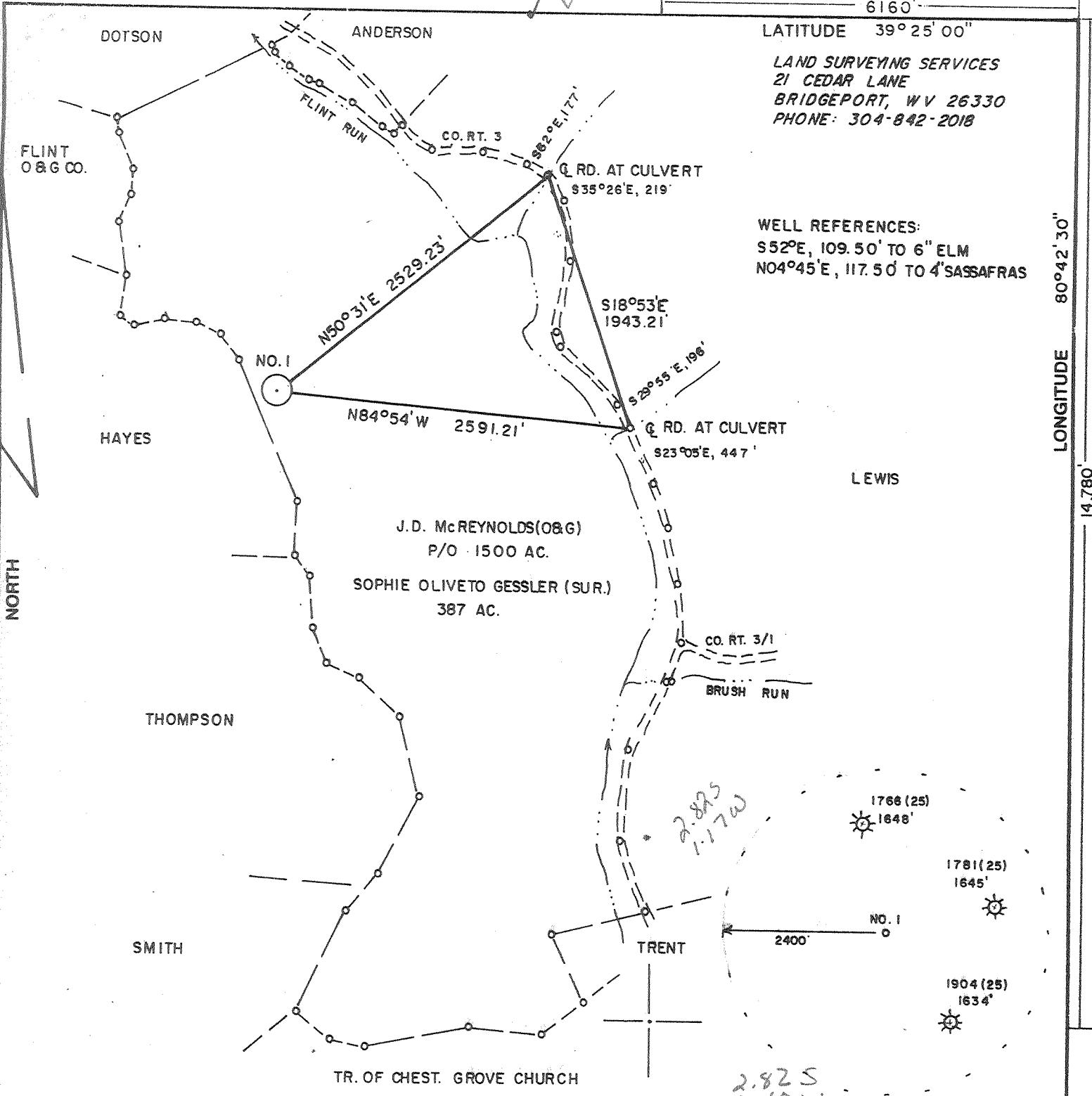
LATITUDE 39° 25' 00"

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

WELL REFERENCES:
S52°E, 109.50' TO 6" ELM
N04°45'E, 117.50' TO 4' SASSAFRAS

LONGITUDE 80° 42' 30"

14,780



(+) 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 TOP OF KNOB 300' N. OF LOCATION ELEV. 1238'

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

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE JUNE 13, 1991
 OPERATOR'S WELL NO. McREYNOLDS NO. 1
 API WELL NO. 47-017-3901
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1196' WATER SHED LITTLE FLINT RUN
 DISTRICT GRANT COUNTY DODDRIDGE
 QUADRANGLE CENTER POINT 7.5 min. Centerpoint WC
 SURFACE OWNER SOPHIE OLIVITO GESSLER ACREAGE 387
 OIL & GAS ROYALTY OWNER J. D. McREYNOLDS LEASE ACREAGE 1500

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 BENSON ESTIMATED DEPTH 5450'
 WELL OPERATOR STONEWALL GAS COMPANY DESIGNATED AGENT JESSE SHELL
 ADDRESS P. O. DRAWER R 347 ADDRESS P. O. DRAWER R
 JANE LEW, WV 26378 Swiger-Flint Run (097) JANE LEW, WV 26378

COUNTY NAME PERMIT

AUG 5 1991

OCT 17 1991

DEPT. OF ENERGY

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Reviewed TMG

Recorded _____

Well Operator's Report of Well Work

Farm name: GESSLER, SOPHIE OLIVETO Operator Well No.: 1 607 S
MC REYNOLDS #1

LOCATION: Elevation: 1196.00 Quadrangle: CENTER POINT

District: GRANT County: DODDRIDGE
Latitude: 14780 Feet South of 39 Deg. 25Min. 0 Sec.
Longitude 6160 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: 08/01/91
Well work Commenced: 08-18-91
Well work Completed: 08-23-91
Verbal Plugging _____
Permission granted on: _____
Rotary x Cable _____ Rig _____
Total Depth (feet) 5530
Fresh water depths (ft) 160

Salt water depths (ft) _____
2385

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 90

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	136	136	78 SKS
8 5/8	1318	1318	300 SKS
4 1/2	5401	5401	201 SKS

OPEN FLOW DATA

Producing formation BENSON Pay zone depth (ft) 5295
Gas: Initial open flow 133 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 253 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 1 Hours
Static rock Pressure 1225 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

By: [Signature] RAY M. FREAR, JR.
Date: OCTOBER 15, 91 PETROLEUM ENG./

OCT 27 1991

1 ZONES	STAGE PERFS	WATER HOLES	FRAC 08-29-91 BBL	DATE BP	ISIP
BENSON	5295-5300	20	500	1490	1120

FORMATION	COLOR	HARD/SOFT	TOP	BOTTOM	REMARKS
RR	RED	HARD	0	8	
SAND	BROWN	SOFT	8	25	GAS CK @ 2208 NO SHOW
SAND & SHALE	BROWN	SOFT	25	90	2362 NO SHOW
COAL	BLACK	SOFT	90	93	2644 NO SHOW
SAND & SHALE	GRAY	HARD	93	150	3139 NO SHOW
RR & SHALE	GRAY	HARD	150	170	4543 NO SHOW
SAND	BROWN	SOFT	170	210	
SAND & SHALE	GRAY	SOFT	210	300	4976 20/10 1" W/W
SHALE & RR	GRAY	HARD	300	380	5160 20/10 1" W/W
SAND & SHALE	BROWN	HARD	380	663	5439 10/10 2" W/W
SAND	BROWN	SOFT	663	675	
SHALE & RR	BROWN	SOFT	675	780	
SAND & SHALE	GRAY	SOFT	780	1246	
RR & SHALE	GRAY	HARD	1246	2162	
LITTLE LIME	GRAY	SOFT	2162	2178	
SHALE	BROWN	HARD	2178	2197	
BIG LIME	BROWN	HARD	2197	2270	
BIG INJUN	GRAY	SOFT	2270	2395	
SAND & SHALE	GRAY	SOFT	2395	2970	
GORDON	GRAY	SOFT	2970	2985	
SAND & SHALE	BROWN	HARD	2985	5063	
RILEY	BROWN	HARD	5063	5075	
SAND & SHALE	GRAY	SOFT	5075	5305	
BENSON	GRAY	HARD	5305	5315	
SAND & SHALE	GRAY	SOFT	5315	5530	
TD			5530		

RR = Red Rock

12651

017-3901
 Issued 08/01/91
 Page _____ of _____
 Expires 08/01/91

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

- 1) Well Operator: STONEWALL GAS COMPANY 47850 (3) 286
- 2) Operator's Well Number: MCREYNOLDS #1 (607-S) 3) Elevation: 1196
- 4) Well type: (a) Oil / or Gas /
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow /
- 5) Proposed Target Formation(s): BENSON
- 6) Proposed Total Depth: 5500 feet
- 7) Approximate fresh water strata depths: 40', 900', 1300'
- 8) Approximate salt water depths: 1500'
- 9) Approximate coal seam depths: 1200'
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 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
Conductor	11 3/4"		32#	132' 132'	130' / 132'	38 CSR 18-11.3
Fresh Water						M.U. O.K.
Coal						
Intermediate	8 5/8"		20#	1320'	1320'	38 CSR 18-11.2.2
Production	4 1/2"	J-55	10.5#	5450'	5450'	38 CSR 18-11.1
Tubing						
Liners						

RECEIVED
 Energy
 8 23 91

PACKERS : Kind _____
 Sizes _____
 Depths set _____

7325
 20
 For Division of Oil and Gas Use Only
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP

1) Date: JULY 22, 1991
2) Operator's well number
MC REYNOLDS #1 (607-S)
3) API Well No: 47 - 017 - 3901
State - County - Permit

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

RECEIVED
Division of Energy

JUL 23 91

Permitting
Oil and Gas Section

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
(a) Name SOPHIE OLIVETO GESSLER
Address CP STAR RT BOX 72
WEST UNION, WV 26456
(b) Name _____
Address _____
(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 SAME AS SURFACE
Address _____
Name _____
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 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: [Signature]
Its: PRESIDENT
Address PO DRAWER R
JANE LEW, WV 26378
Telephone 304-884-7881

Subscribed and sworn before me this 22ND day of JULY, 19 91

[Signature]
My commission expires

MAR 14, 2000



OFFICIAL SEAL NOTARY PUBLIC
STATE OF WEST VIRGINIA
DOROTHY QUEEN
POST OFFICE DRAWER R
JANE LEW, WV 26378
Notary Public