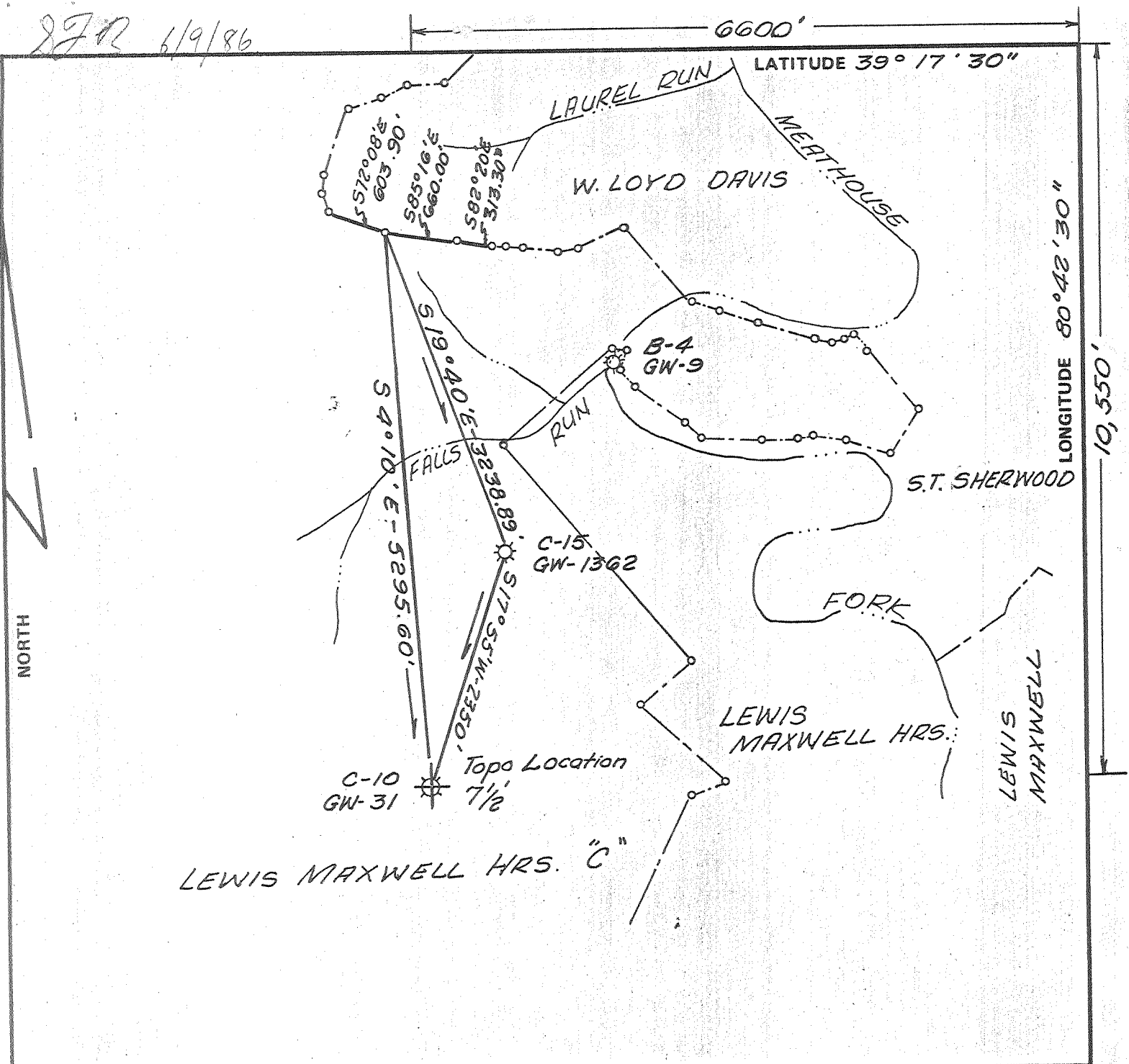


272 6/9/86



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1320'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION LEWIS MAXWELL, WELL NO C-15 Elev. 985.20

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES  
 (SIGNED) Donald J. Day  
 R.P.E. \_\_\_\_\_ L.L.S. 247

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE May 10, 19 86  
 OPERATOR'S WELL NO. C-10-GW-31  
 API WELL NO. 47-017-2152-P  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

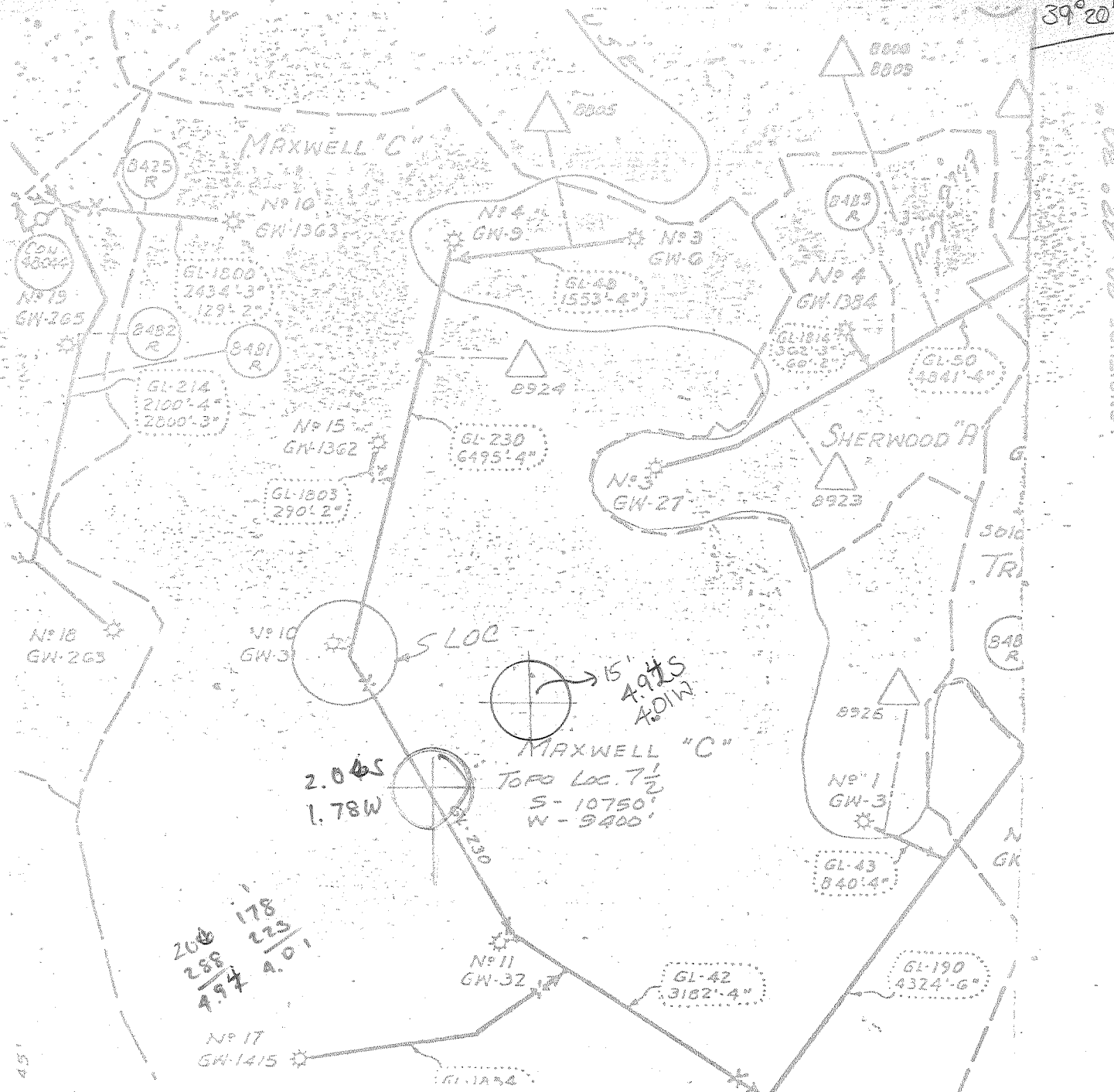
WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 1070.00 WATER SHED Falls Run of Meathouse Fork  
 DISTRICT New Milton COUNTY Doddridge  
 QUADRANGLE Smithburg 7 1/2'  
 SURFACE OWNER R.S. Maxwell ACREAGE 1500; Pt of 1882  
 OIL & GAS ROYALTY OWNER Lewis Maxwell Hrs. "C" LEASE ACREAGE 1500; Pt of 1882  
 LEASE NO. C-32-B  
 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  
 PLUG AND ABANDON X CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH 2613  
 WELL OPERATOR Cities Service Oil & Gas Corp DESIGNATED AGENT Paul D. Phillips  
 ADDRESS P.O. Bx 873 ADDRESS P.O. Bx 873  
Charleston WV. 25323 Charleston WV. 25323

LATITUDE 39° 17' 30"

39° 20' - 15"

LONGITUDE 80° 40' - 15"

NORTH



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1320'  
 MINIMUM DEGREE OF ACCURACY \_\_\_\_\_  
 PROVEN SOURCE OF ELEVATION \_\_\_\_\_

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
 (SIGNED) Arnold J. Gray  
 R.P.E. \_\_\_\_\_ L.L.S. 247

PLACE SEAL HERE

(1) DI NOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (878)



DATE MAR 26 19 80  
 OPERATOR'S WELL NO. GW 31 (C-10)  
 API WELL NO. \_\_\_\_\_  
47 - 017 - 2152  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1070 WATER SHED MEATHOUSE FORK  
 DISTRICT NEW MILTON COUNTY DODDRIDGE  
 QUADRANGLE SMITHBURG 7 1/2, Centerpoint SW 15'  
 SURFACE OWNER \_\_\_\_\_ ACREAGE \_\_\_\_\_  
 OIL & GAS ROYALTY OWNER MAXWELL 'C' LEASE ACREAGE \_\_\_\_\_  
 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) F.E.R.C. FILING  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_  
 WELL OPERATOR CITIES SERVICE Co. DESIGNATED AGENT SAM J. MATTHEWS  
 ADDRESS PO BX 873 ADDRESS PO BX 873  
CHARLESTON WV 25373 CHARLESTON WV 25373

G-6 Straight Fork - Bluestone Creek (133) Smithton - Flint-Scalia (99)

CODE No. G. W. 31

NAME Lewis Maxwell Well #10-B

CENTER POINT - S - SW

N. E.

CASING AND TUBING

PACKERS

GAS, WATER AND OIL RECORD

SIZE	PUT IN WELL	PULLED	CASING FT.	SIZE	MAKE	SET AT	LIQUID OR GAS	DEPTH	FT. RAISED IN HOLE	VOLUME
Conductor			16'				Gas	1614		
10"	353	353					Gas	1925		
8 1/2"	1123	1123					Gas	1938		
6 5/8"	1863						Gas	2585		

Doddridge Co. 2152  
yes E log

Tubed with 2" Tubing. 442' T&G BELOW PACKER  
PERFORATION 10' FROM (PKR. SET ABOUT 2171 ±)  
BOTTOM OF HOLE see reconditioning record below

RECORD OF SHOT

DATE SHOT	FROM	TO	SAND	TYPE OF EXPLOSIVE	QUANTITY	PRODUCTION BEFORE SHOT	PRODUCTION AFTER SHOT
Not shot							

YEAR	DEPLETION CALCULATION	GRAPHIC	FROM	TO	THICKNESS	FORMATION
		LOG				
	Recond. 10-28 to 11-11-58					
	2" tubing was bad. Had show of gas and 45# R. P. in 18 hours. Pulled 2180' of 2-3/8" tubing.		Conductor		16	
			10" Casing		353	
			Native Coal		487	
			Pittsburg Coal		600	
	11-1-58 Ran Birdwell survey-found Bottom of 7" - 1867'		Little Dunkard		1019	1038
	Big Lime 1816--1920		Big Dunkard		1120	1278
	Shale break -1920-1923'		8 1/2" Casing		1123	
	Big Injun 1923-2014'		1st. Salt Sand		1375	1418
	Gas 1984-2001'		2nd. Salt Sand		1590	1620
			Gas		1614	
	11-3-58 Filled to 2018'-dumped 2 sacks cement on top. Ran Baker RT 8 packer on 3" tubing-set at 1918'		Maxon Sand		1746	1762
			Pencil Cave		1845	1850
			Blue Monday		1850	1863
			6 5/8" Casing		1863	
			Big Lime		1863	1923
			Big Injun Sand		1923	2008
			Gas		1925	
			Gas		1938	
	11-5 purped in 300 gallons MCA-broke down with 40 bbls. water. Had 85 bbls. water, 17 gallons Tergitol and 2200# sand in hole when came around packer. Pumping at 1600-to 1700# when let go. Before fracturing-gas would not gauge-rocked to 42# in 16 hours- 45# in 18 hours.		Gantz Sand		2018	2280
			Gordon Gray		2568	2573
			Gordon Sand		2585	2604
			Gas		2585	
			Sand		2604	2609
	Braden head pressure with packer set (Maxon Gas ?)		Total depth		2613'	
	10 min. 15 30 60 16 hrs 18 hr					
	1 2 3 15 140 150#					
	11-16-58 Pulled tubing and cleaned out to 2010' -gas gauging 10/10 W. 2" = 133 M					
	1 min 2 3 4 5 10 15 30 60					
	@ 2 5 8 10 12 25 35 68 115					
	Drilled out pocket to 2038' total depth					
	11-10-58 Ran 2052' of 2-3/8 " tubing with Parmaco Special Gas Anchor Packer set at 1887-91'-146' 5" of anchor					
	final open flow 10/10 W. 2"=133M. Big Injun gas					



CB

COMBIBIAN CARBON COMPANY

RECORD OF LEWIS MAXWELL WELL NO. 10.

Contractor, J. E. Trainer,  
Commenced June 1, 1912.  
Completed July 18, 1912.  
Total Depth 2613  
Producing Gas from

Maxwell C-10

<u>FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>
Conductor	16	
10" Casings	353	
Native Coal	487	
Pittsburgh Coal	600	
Little Dunkard	1019	1038
Bog Dunkard	1120	1278
8 1/2" Casing	1123	
1st Salt Sand	1575	1418
2nd Salt Sand	1590	1620
Gas	1614	
Maxon Sand	1746	1762
Pencil Cave	1845	1850
Blue Monday	1850	1863
6-5/8" Casing	1863	
Big Line	1863	1923
Big Injun Sand	1923	2008
Gas	1925	
Gas	1938	
Cantz Sand	2018	2280
Gordon Stray	2568	2573
Gordon Sand	2585	2604
Gas	2585	
Sand	2604	2609
Total Depth	2613	

2613  
2171

Tubed with 2" tubing

Perforation 10 ft. from Bottom of Hole

442 ft. tubing below Packer

B. & L. Collar & Hippie on top of Packer.

8 1/2" and 10" Casing Pulled.

017-2159

