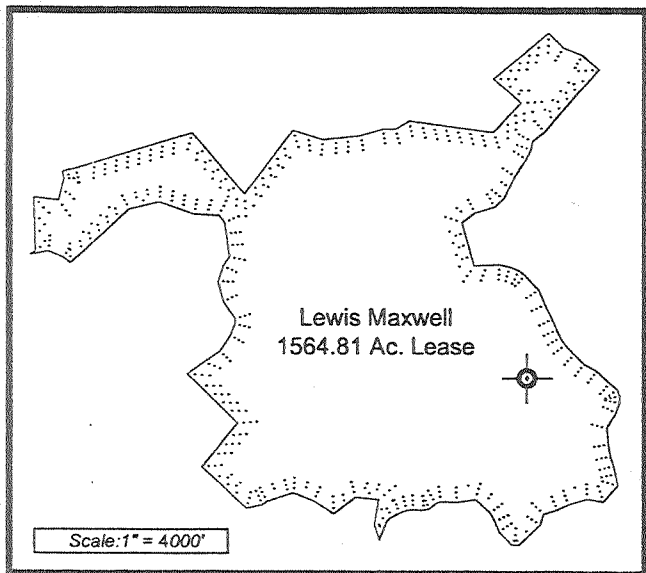


Equitable Production Company, Inc.
47-017-02432 WV 129951
Lewis Maxwell 1562 Acre Lease



GRID NORTH

LATITUDE 39 - 17 - 30

LONGITUDE 80 - 45 - 00

9540'

Charles Wellings Jr.
650.84 Ac. ±

John R. Davies et al.
c/o Thomas R. Davies
1458.01 Ac.

Lease and Surface Boundary

47-017-2432

47-017-4242

47-017-00046

N 63°34'20" E
1197.65'

N 17°33'30" E
2263.27'

N 26°41'10" E
2228.55'

S 80°06'20" E
1519.46'

S 28°58'10" W
1901.18'

47-017-4016

47-017-3980

47-017-4243

47-017-04222

47-017-4242

47-017-00046

47-017-00041 (mapped)

47-017-00044 (mapped)

47-017-2432

47-017-3980

47-017-4223

47-017-2396

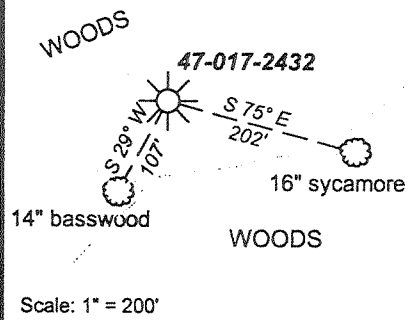
47-017-4016

47-017-3992

47-017-2147

Legend	
	Gas well existing or proposed
	Found corner, as noted
	Surface boundary (approximate)

Well Location References

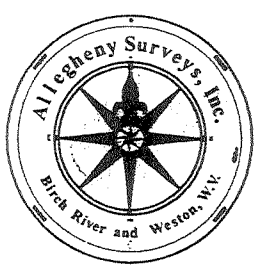


Notes:
Well site coordinates are
N: 281337 Latitude: 39.265501
E: 1641560 Longitude: 80.766000
West Virginia
Coordinate System of 1927, North Zone
based upon
Differential GPS Measurements.
Plat orientation and corner and well
references are based upon the grid
north meridian.
Well location references are based upon
the magnetic meridian.

(☉) Denotes location of well on United States topographic maps

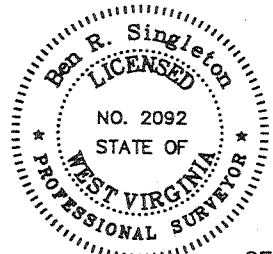
Scale: 1" = 2000'

Scale: 1" = 200'



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 Environmental Protection.

Ben R. Singleton
P.S. 2092



SEAL

FILE NO: 65-30-WU-07 (EQT 1-25, 27)
DRAWING NO: 6530WU07_PLAT
SCALE: 1" = 500'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS GSSP

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

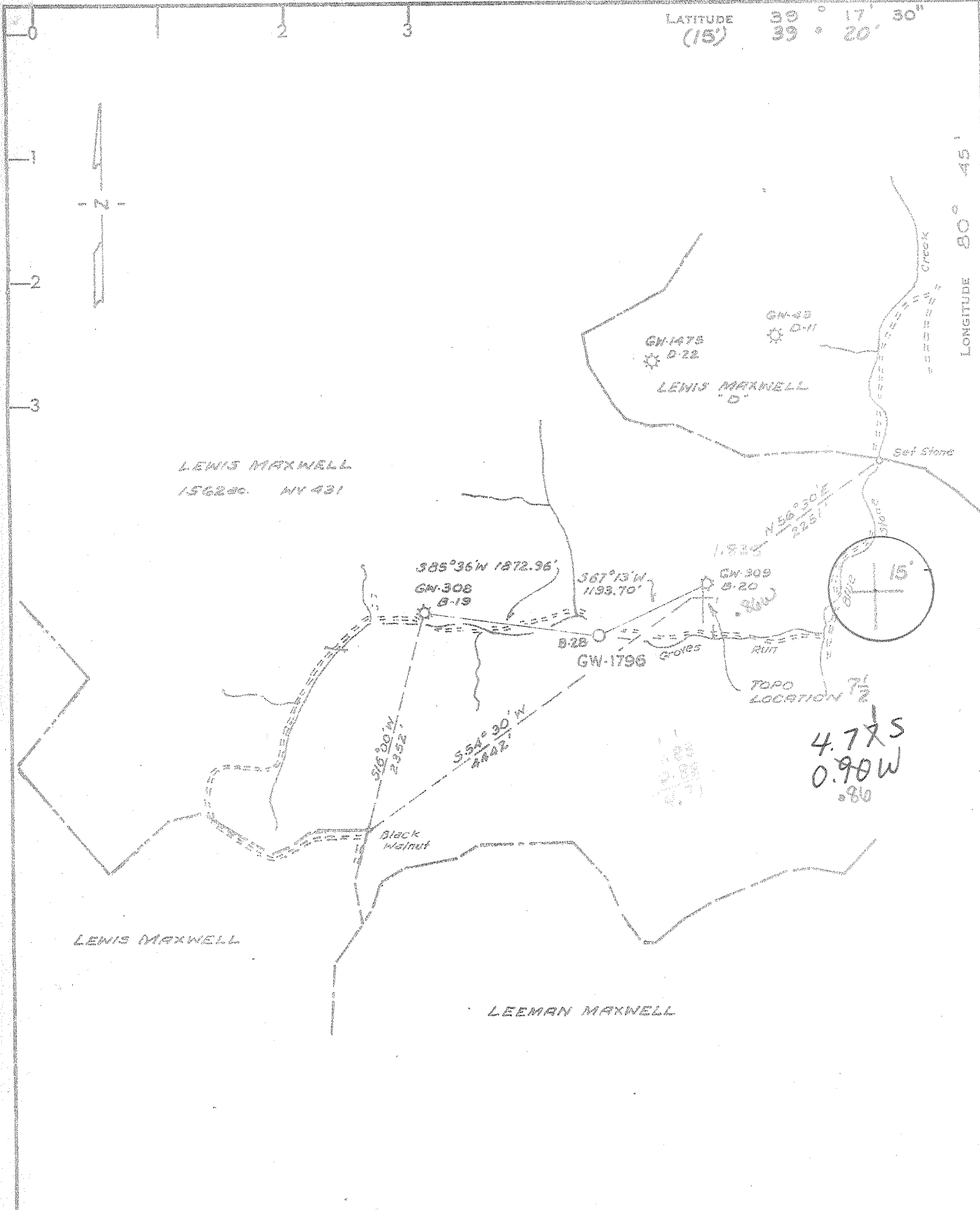
DATE: June 10 2007
OPERATOR'S WELL NO. WV 129951
API WELL NO: 47-017-02432
47 - 017 - 02432 F
STATE COUNTY PERMIT
Maxwell B-28

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 881 WATERSHED Tributary of Bluestone Creek of Island Creek
QUADRANGLE: West Union DISTRICT: West Union COUNTY: Doddridge
SURFACE OWNER: John R. Davies et al. (Thomas R. Davies Agent) ACREAGE: 1458.01 Ac.
OIL AND GAS ROYALTY OWNER: John R. Davis (Robert L. Hollard Jr. Agent) LEASE NO: 08618 ACREAGE: 1562 Ac.
PROPOSED WORK: DRILL CONVERT DRILL DEEPER 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: Alexander ESTIMATED DEPTH: 5058

JUL 27 2007

WELL OPERATOR: Equitable Production Company, Inc. DESIGNATED AGENT: L. Todd Tettrick
ADDRESS: 1710 Pennsylvania Ave. ADDRESS: 1710 Pennsylvania Ave.
Charleston, WV 25302 Charleston, WV 25302

0000 2432 F



CERTIFICATE

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

"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."

Minimum degree of accuracy is one part in 200

Signed _____

COMPANY CITIES SERVICE COMPANY
 ADDRESS BOX 873 CHARLESTON, W. VA.
 FARM LEWIS MAXWELL
 MAP _____ ACRES 1562 LEASE NO. WV 431
 WELL (FARM) NO. B-28 SERIAL NO. GW-1796
 ELEVATION (SPIRIT LEVEL) 850.26'
 QUADRANGLE WEST UNION, 7 1/2', 15'
 COUNTY ODDORIDGE DISTRICT WEST UNION
 POINT OF PROVEN ELEVATION CITIES WELL GW 309
ELEV. 897'
 FILE NO. _____ DRAWING NO. W-10-79
 DATE APRIL 28, 1979 SCALE 1"=1320'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. 47-017-2432
 MAY 22 1979

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 24,000. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.
 62500
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

5-75 5-76 15-4 SWARTON FLINT SEDALIA 99

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

Date September 20,

FORM IV-35
(Obverse)

Operator's
Well No. "B" #28, GW-1796

[08-78,

WELL OPERATOR'S REPORT 14
OF

API Well No. AT - 017 2432

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas", Production / Underground storage / Deep / Shallow
LOCATION: Elevation: 850.26 Watershed: Groves Run
District: West Union County: Doddridge Quadrangle: West Union

WELL OPERATOR Cities Service Company DESIGNATED AGENT Sam J. Matthews
Address Box 873 Address Box 873
Charleston, WV 25323 Charleston, WV 25323

PERMITTED WORK: Drill / Convert / Drill deeper / Redrill / Fracture or stimulate
Plug off old formation / Perforate new formation /
Other physical change in well (specify) _____

PERMIT ISSUED ON May 4, 19 79

OIL & GAS INSPECTOR FOR THIS WORK:

(IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED

Name Paul Garrett
Address 321 Beech Street
Clarksburg, WV 26301

GEOLOGICAL TARGET FORMATION: Alexander, Warren Depth Alex. 4855 feet

Depth of completed well, 5058 feet Rotary / Cable Tools Warren 2956

Water strata depth: Fresh, - feet; salt, - feet.

Coal seam depths: - Is coal being mined in the area? -

Work was commenced July 14, 19 79, and completed August 24, 19 79

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-IN OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor	13-3/8		48#		X		55'	15 sx	Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8	K-55-A	24#	X			1734'	460 sx surface	
Production	4-1/2	N-80-A	11#	X			5027'	130 sx	*4268'
Tubing	2-3/8	J-55-A	4.6#	X					Depth set
Liners									Perforations:
									Top Bottom
									4880 4920

* Stage Tool at 3128' cemented with 93 sx - 2556'

OPEN FLOW DATA

Producing formation Alexander Pay zone depth 4855 feet

Gas: Initial open flow, 38 Mcf/d Oil: Initial open flow, - Bbl/d

Final open flow, 984 Mcf/d Final open flow, - Bbl/d

Time of open flow between initial and final tests, _____ hours

Static rock pressure, 1700 psig (surface measurement) after 192 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 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

OCT 9 1979

08-78]

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.


Perforated Alexander 4880-4902, 4908-12, 4916-20 with 1 shot per 2 feet for a total of 18 holes. Broke down perfs with 1000 gal. mud acid. Broke down at 2500#. Fraced with 60,000# 80-100 sand and 60,000# 20-40 sand. Max. Int. pressure 2900# min. 2100# avg. 2800# Max. Sand Conc. 10#/gal. AIR 32.5 BPM. Used in treatment-Dowell J-347 X-Link Gel with W44, L-41, L-53 and F-78 additives.

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Little Lime			1512	1613	Show of gas at 1533'
Big Injun			1613	1711	
Berea			2063		
Gordon			2259		
Warren			2956		
Speechly			3490		
Balltown			3716		
Bradford			4149		
Riley			4429		
Benson			4596		
Alexander			4855 *		Show of gas - 38 MCF/D
		T.D.	5058		

(Attach separate sheets to complete as necessary.)

Cities Service Company
Well Operator

By 
Sam J. Matthews
Its Region Production Manager

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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
MAY - 4 1979

OIL & GAS DIVISION
DEPT. OF MINES
Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.

Surface Owner Lewis Maxwell, et ux
Robert L. Holland Agent
Address Box 425, West Union, WV 26456

Mineral Owner _____
Address _____

Coal Owner _____
Address _____

Coal Operator _____
Address _____

DATE May 3, 1979

Company Cities Service Company
Address Box 873, Charleston, WV 25323

Farm Lewis Maxwell et ux Acres 1562
Location (waters) Groves Run

Well No. "B" #28, GW-1796 Elevation 850.26
District West Union County Doddridge

Quadrangle West Union

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 1-7-80.

Robert L. Holland
Deputy Director - Oil & Gas Division

INSPECTOR
TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech St., Clarksburg, WV 26301

PHONE 622-3871

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 Feb. 1 ¹⁸⁹⁹ ~~xx~~ by Lewis Maxwell et ux made to Columbian Carbon Co. (now Cities Service Co.) and recorded on the _____ day of _____ 19____, in Doddridge County, Book 33 Page 431

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

Very truly yours, Cities Service Company
(Sign Name) D. G. Oliver Well Operator Region Engr. Manager
Address Box 873 _____ Street
of _____
Well Operator Charleston _____ City or Town
W. Va. 25323 _____ 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.

47-017-2432 PERMIT NUMBER

BLANKET BOND

