

WELL SITE
STATE PLANE WV
SOUTH ZONE NAD 1927
N - 312,175.06
E - 1,899,228.01

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

FILE NO. ROWLAND A-22 DGN
DRAWING NO. ROWLAND LAND A-22
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION OPERATOR'S WELL RECORDS

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.
(SIGNED) [Signature]
R.P.E. _____ L.L.S. 647

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION



DATE FEBRUARY 28, 20 03
OPERATOR'S WELL NO. ROWLAND LAND A-22
API WELL NO. SER. NO. 132161
47 081 0128 P
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF 'GAS,') PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 2443.4' WATER SHED STOVER FORK OF CLEAR FORK
DISTRICT CLEAR FORK COUNTY RALEIGH
QUADRANGLE ECCLES, WV 7.51

SURFACE OWNER ROWLAND LAND COMPANY, LTD. ACREAGE 1794.74
OIL & GAS ROYALTY OWNER ROWLAND LAND COMPANY, LTD. LEASE ACREAGE 47.069
LEASE NO. 080594

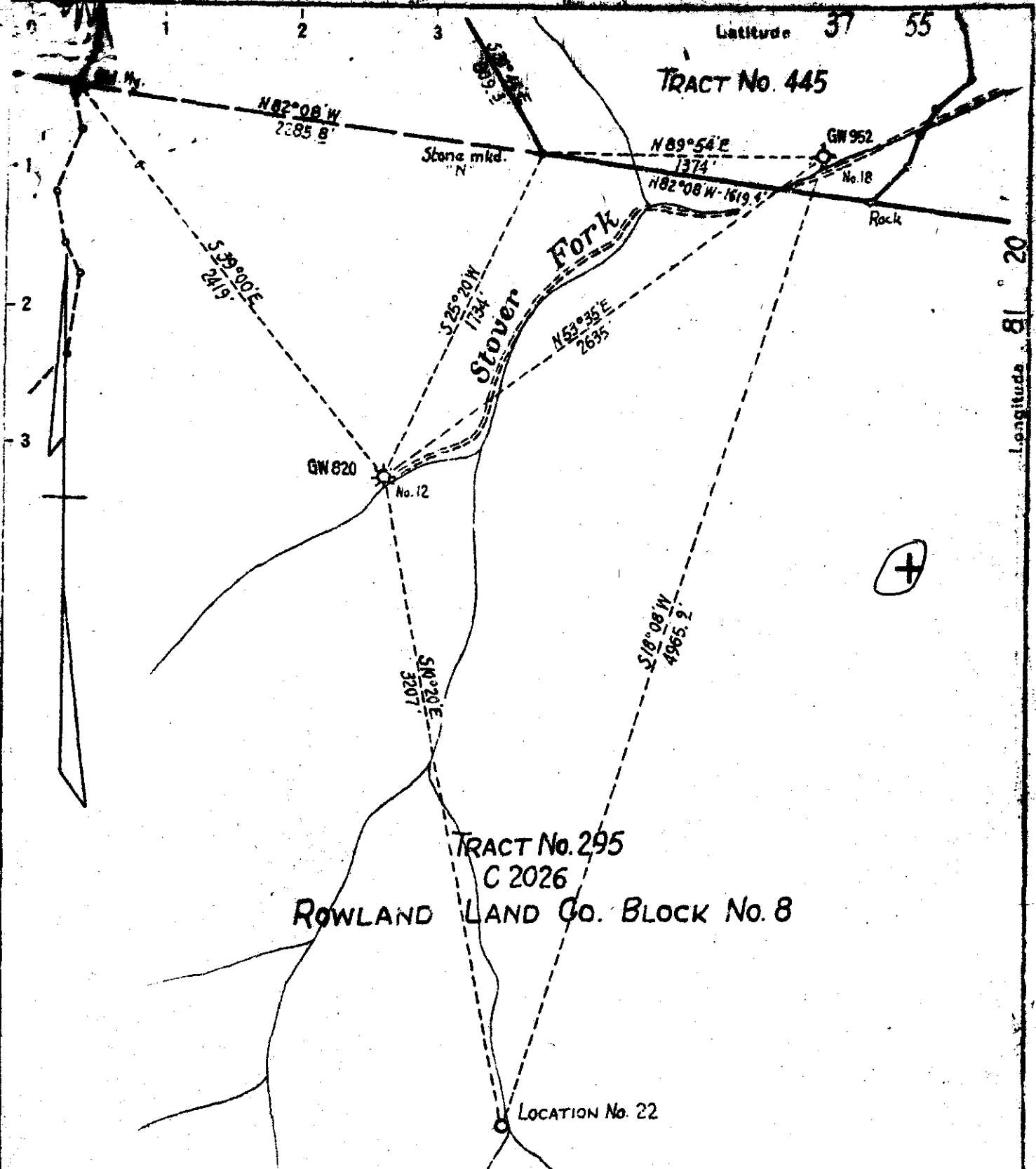
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION _____ ESTIMATED DEPTH _____
WELL OPERATOR EQUITABLE PRODUCTION COMPANY DESIGNATED AGENT RICHARD SMELTZER
ADDRESS P.O. BOX 2347, CHARLESTON, WV 25328 ADDRESS SAME

MAR 2 1 2003

FORM WV-6

COUNTY NAME PERMIT



TRACT No. 295
C 2026
ROWLAND LAND CO. BLOCK No. 8

CO: 081 FMT: 128
Loc Digitized from OGIS 7.5' Mylar
QUAD: 331 DATE: 25-MAY-90
LAT: 37 52.5 Miles South: 1.26
LONG: 81 20.0 Miles West : 0.88

4185
188W

- New Location
- Drill Deeper
- Abandonment

Company	COLUMBIAN CARBON Co.
Address	Box 873 CHARLESTON, W.VA.
Farm	ROWLAND LAND Co.
Tract	295 Acres 1314.745 Lease No. C 2026
Well (Farm) No.	22 Serial No.
Elevation (Spirit Level)	2443.4'
Quadrangle	ECCLES 5 S410 W085
County	RALEIGH District CLEAR FORK
Engineer	C.A. Brankham
Engineer's Registration No.	683
File No.	Drawing No. W 27/48
Date	JUNE 17, 1948. Scale 1" = 660'

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

WELL LOCATION MAP
FILE NO. RAL-128

+ 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.

6-6 248 ✓

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Ral 128

Gas Well
CASING & TUBING

Eccles Quad.			
Company	Columbian Carbon Company		
Address	Box 873, Charleston, 23, W.Va.	13 3/8 48#	32 32
Farm	Rowland Land Co. A 49,427.2	10 3/4 40#	1007'1 Same
Location	Stover Fork	1 1/2 24#	2219'10 "
Well No.	22 GW 1078 Elev. 2443.4 G	7 2 3/4#	3125'5 "
District	Clear Fork Raleigh County	2 3/8 4 7/8#	3259'10 "
Surface	Rowland Land Co., St. Albans, W.Va.	5 1/2 15#	138'4 "
Mineral	Same		
Commenced	1-31-49		Gas Anchor Packer
Completed	5-23-49		Size 3 x 5 1/2 x 3
Not shot			Depth 3113'
Acidized	6-8-49 with 1000 gal. acid		
Volume	850,000 C.F.		Coal at 1242' 24"
Rock Pressure	650 lbs. 8 days		1483' 48"
Fresh Water	82' 1-13" blr. per hr.		

Top soil & Gravel	0	12	Slate	2578	2590
Slate	12	63	Lime	2590	2691
Lime	68	76	Slate & Shells	2691	2783
Sand	76	154	Black Lime & Sand	2783	2790
Slate	164	203	Maxon Sand	2790	2928
Sand	203	250	Slate	2928	2950
Slate & Lime	250	285	Lime	2950	2987
Sand	285	298	Slate	2987	2997
Slate	298	304	Lima ^{6 br.?}	2997	3410
Sand	304	328	Big Injun Sand	3410	3490
Slate	328	347	Slate & Shells	3490	3510
Lime	347	352	Lime	3510	3546
Sand	352	400	Slate & Lime	3546	3562
Slate & Lime	400	471	Sand Weir	3562	3694
Sand	471	525	Slate & Lime	3694	3701
Slate	525	708	Total depth		3701
Sand	708	713			
Slate & Shells	713	767	Gas 1242-44' show		
Sandy Lime	767	777	Gas 1483' show		
Sand	777	955	GAS PAYS:		
Slate & Shells	955	979	1242-44 show		
Sand	979	1005	1483' show		
Slate & Shells	1005	1035	1712-48 60/10 W 1" 81,630 C.F.		
Lime	1035	1060	1976-80 9/10 W 2" 127 M		
Slate & Shells	1060	1197	2224-46' 19/10 W 3" 413 M		
Sand	1197	1218	2800-06 16/10 W 3" 379 M		
Slate & Shells	1218	1242	3166' 14/10 W 1" 39,430 C.F.		
Coal	1242	1244			
Sand	1244	1483	CEMENT RECORD:		
Coal	1483	1487	2-22-49 10 3/4" casing- not aquagelled.		
Slate & Shells	1487	1560	4-9-49 8 5/8" casing- not aquagelled.		
Lime	1560	1572	5-5-49 7" casing- not aquagelled		
Sand	1572	1704	C.C.Co. Crew		
Slate & Shells	1704	1712			
Sand	1712	1748			
Slate	1748	1755			
Lime	1755	1793			
Red Rock and Lime	1793	1829			
Lime	1829	1858			
Sand	1858	1903			
Lime	1903	1928			
Slate & Shells	1928	1946			
Lime	1946	2020			
Sand	2020	2031			
Slate & Lime	2031	2202			
Sand	2202	2250			
Lime 2207 DIM-2204 SLM	2250	2270			
Red Rock & Lime	2270	2420			
Slate & Shells	2420	2448			
Red Rock and Lime	2448	2520			
Sand	2520	2535			
Slate & Red Rock	2535	2558			
Sand	2558	2578			

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Rowland Land Company Operator Well No: Rowland Land # A-22

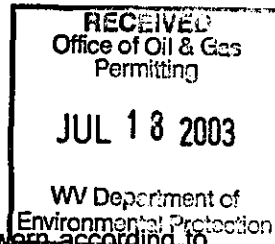
LOCATION: Elevation: 2443 ft. Quadrangle: Eccles 7.5
District: Clear Fork County: Raleigh
Latitude: 6,610' Feet South of 37 Deg. 52 Min. 30 Sec.
Longitude: 4,560' Feet West of 81 Deg. 20 Min. 00 Sec.

Well Type: OIL _____ GAS XXXX

Company: Equitable Production Company Coal Operator % Rowland Management Co
P. O. Box 2347 or Owner . 405 Capital St., Suite # 609
Charleston, WV 25302 Charleston, WV 25301

Agent: Steve Perdue Coal Operator Massey Coal Services
or Owner 315 70th St., SE
Charleston, WV 25504

Permit Issued Date: 3/17/03



AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Raleigh ss:

Randy Riddle and John Cleuser being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Rick Campbell Oil and Gas Inspector representing the Director, say that said work was commenced on the 13 day of June, 192003, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
6" col	between all plugs		3083 2" tubing cut	176" 2" tubing
3588 ft cement	3083	2933 27 sks	2337 7" casing cut	788" 7" casing
cement	2350	2150 55 sks	1492 8" casing cut	727" 8" casing
cement	1545	1445 32 sks	400" 10 3/4 casing cut	607" 10 3/4 casing
cement	1310	1210 36 sks		42 ft of 14" casing
cement	1041	941 45 sks		Perf. 7" 2800 + 2600'
cement	420	320 45 sks		Perf. 8" 2100, 1980, 1800
cement	150	0 167 sks		Perf. 10" 900, 700, 600, 560, 450

Description of monument: Partial Plugging / Well still in production and that the work of partial plugging and filling said well was completed on the 25 day of June, 192003.
7 in. 36" above ground with API No. 7/21/03

And further deponents saith not. Randy Riddle
John Cleuser

Sworn and subscribe before me this 25th day of June, 192003
My commission expires: 5/3/05

Denise L. Evans
Notary Public
Oil and Gas Inspector: Richard Campbell

