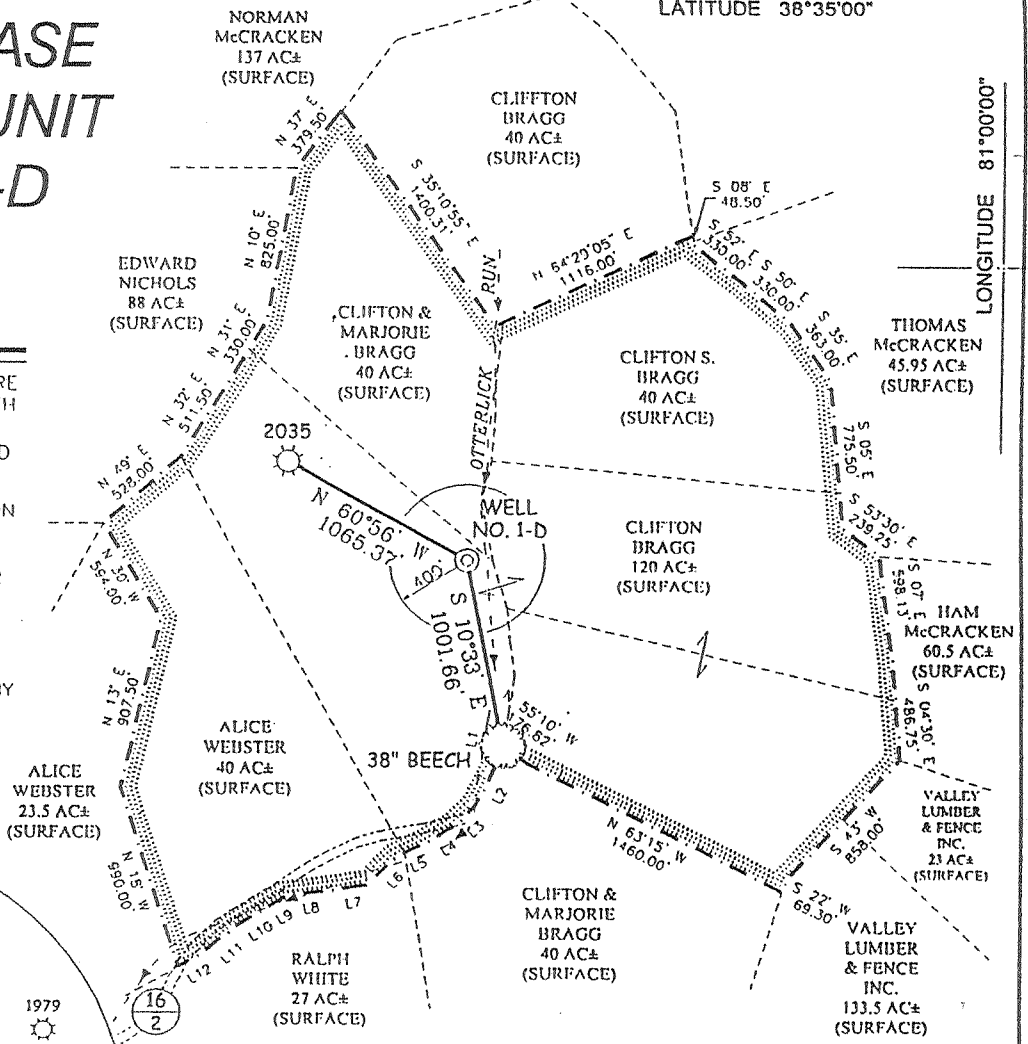


C. BRAGG LEASE 240 ACRES± UNIT WELL NO. 1-D

NOTES ON SURVEY

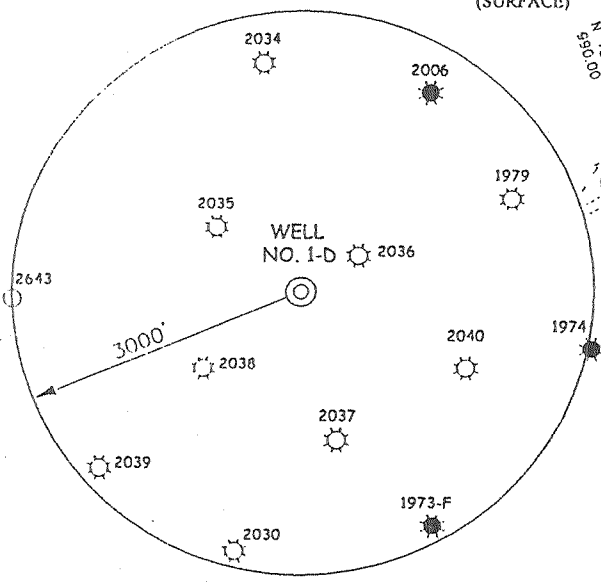
1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 06/02/03.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 80 PAGE 103.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF CLAY COUNTY IN JUNE, 2003.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER GRADE).



NORTH

LONGITUDE 81°00'00"

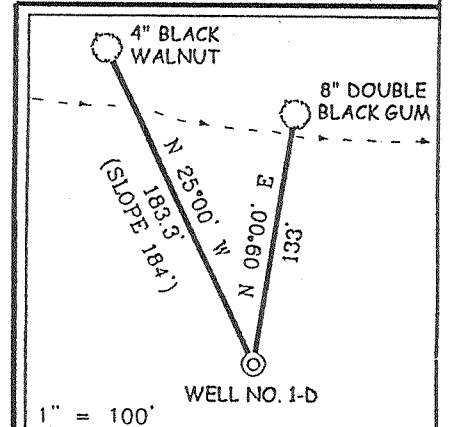
LAT. 38°34'30.3"



C. BRAGG WELL NO. 1-D
STATE PLANE COORDINATES
(N) 573,535
(E) 1,999,779

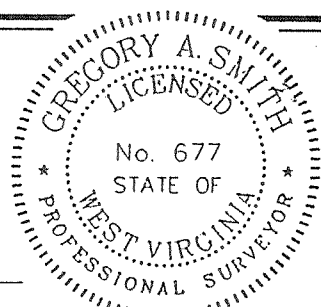
LINE	BEARING	DISTANCE
L1	S 12°47'20" W	95.98'
L2	S 26°51'33" W	246.12'
L3	S 45°30'00" W	153.10'
L4	S 58°27'00" W	157.60'
L5	S 63°07'30" W	198.84'
L6	S 43°33'00" W	127.10'
L7	S 81°10'00" W	192.00'
L8	S 82°43'00" W	229.10'
L9	S 59°25'00" W	133.40'
L10	S 57°55'00" W	178.70'
L11	S 50°10'00" W	213.90'
L12	S 58°45'00" W	150.80'

REFERENCES



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. Gregory A. Smith
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE JUNE 10, 20 03
OPERATORS WELL NO. C. BRAGG NO. 1-D
API WELL NO. 47-15-02702
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 5277P1-D(144-41)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 1,000'

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

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 996' WATERSHED OTTERLICK RUN
DISTRICT OTTER COUNTY CLAY QUADRANGLE IVYDALE 7.5'

SURFACE OWNER CLIFTON S. BRAGG ACREAGE 120±
ROYALTY OWNER CLIFTON S. BRAGG ET AL LEASE ACREAGE 120± OF 240±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION KNOX
ESTIMATED DEPTH 10,500'

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT K. RALPH RANSON, II
ADDRESS 501 56TH STREET, CHARLESTON, WV 25304 ADDRESS 501 56TH STREET, CHARLESTON, WV 25304

Deep well (Duck (Villa Nova) - 203) 6-0

COUNTY NAME CLAY
PERMIT 2702

WR-35

9 Sept. 2009

API # 47-01502702

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

✓
CR

Farm name: C. Bragg

Operator Well No.: Clifton C. Bragg 1-D

LOCATION: Elevation: 996' Quadrangle: Ivydale 7.5'
District: Otter County: Clay
Latitude: 38° 34' 30"
Longitude: 81° 00' 02"

Company: EASTERN AMERICAN ENERGY CORPORATION
501 56th Street
Charleston, WV 25304

Casing & Tubing	Used in Well	Left in Well	Cement Fill Up Cu. Ft.
20"	42'	42'	Sanded
13-1/2"	526'	526'	C.T.S
9-5/8"	2527'	2527'	C.T.S
7"	6410'	6410'	150

Agent: Rodney A. Winters

Inspector: Richard Campbell

Permit Issued: 10/16/2008

Well work commenced: 1/03/2004

Well work completed: 1/22/2004

Verbal plugging

Permission granted on:

Rotary Cable Rig

Total Depth (feet): 7584' TVD

Fresh water depths (ft):

Salt-water depths (ft):

Is coal being mined in area? (Y/N) No

Coal Depths (ft):

Open Flow Data

Gas: Initial open flow	<u>0</u>	MCF/d	Oil: Initial open flow	<u>0</u>	Bbl/d
Final open flow	<u>N/A</u>	MCF/d	Final open flow	<u>0</u>	Bbl/d
Time of open flow between initial and final tests			<u>N/A</u> Day		
Static rock pressure	<u>N/A</u>	psi	(surface pressure) after	<u>N/A</u>	Hours

1 st Producing Formation	_____	Pay zone depth (ft)	_____
2 nd Producing Formation	_____	Pay zone depth (ft)	_____
3 rd Producing Formation	_____	Pay zone depth (ft)	_____
4 th Producing Formation	_____	Pay zone depth (ft)	_____
5 th Producing Formation	_____	Pay zone depth (ft)	_____

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.

Rodney A. Winters  Agent
For: EASTERN AMERICAN ENERGY CORPORATION

By: Designated Agent
Date:

OCT 30 2009

RECEIVED
Office of Oil & Gas

OCT 15 2009

WV Department of
Environmental Protection

CLAY 2702

Dry Hole; No well stimulation performed

Note: Columbia Natural Resources was the operator of the subject well per contractual agreement. ECA never took over actual operations of this well. ECA will request that Chesapeake Energy (successor to Columbia Natural Resources) either plug and abandon the well or accept a transfer of the well onto its bond.

RECEIVED
Office of Oil & Gas

OCT 15 2009

WV Dept. of Environmental Protection

015 2702

Clifton C. Bragg 1-D WR35

FORMATION	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh & salt water, coal, oil & gas
Maxton	1495	1616	
Sand and Shale	1616	1755	
Little Lime	1755	1775	
Pencil Cave	1775	1780	
Big Lime	1780	1870	
Big Injun	1870	1965	
Berea	2262	2265	
Undifferentiated Devonian	2265	6180	
Marcellus	6180	6202	
Onondaga	6202	6225	
Huntersville Chert	6225	6358	
Oriskany	6358	6380	
Sand and Shale	6380	6405	
Salina	6405	7390	
Newberg	7390	7408	
McKenzie	7408		
TD		7584	

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Office of Oil & Gas

OCT 15 2009

WV Dept. of Environmental Protection

OCT 30 2009