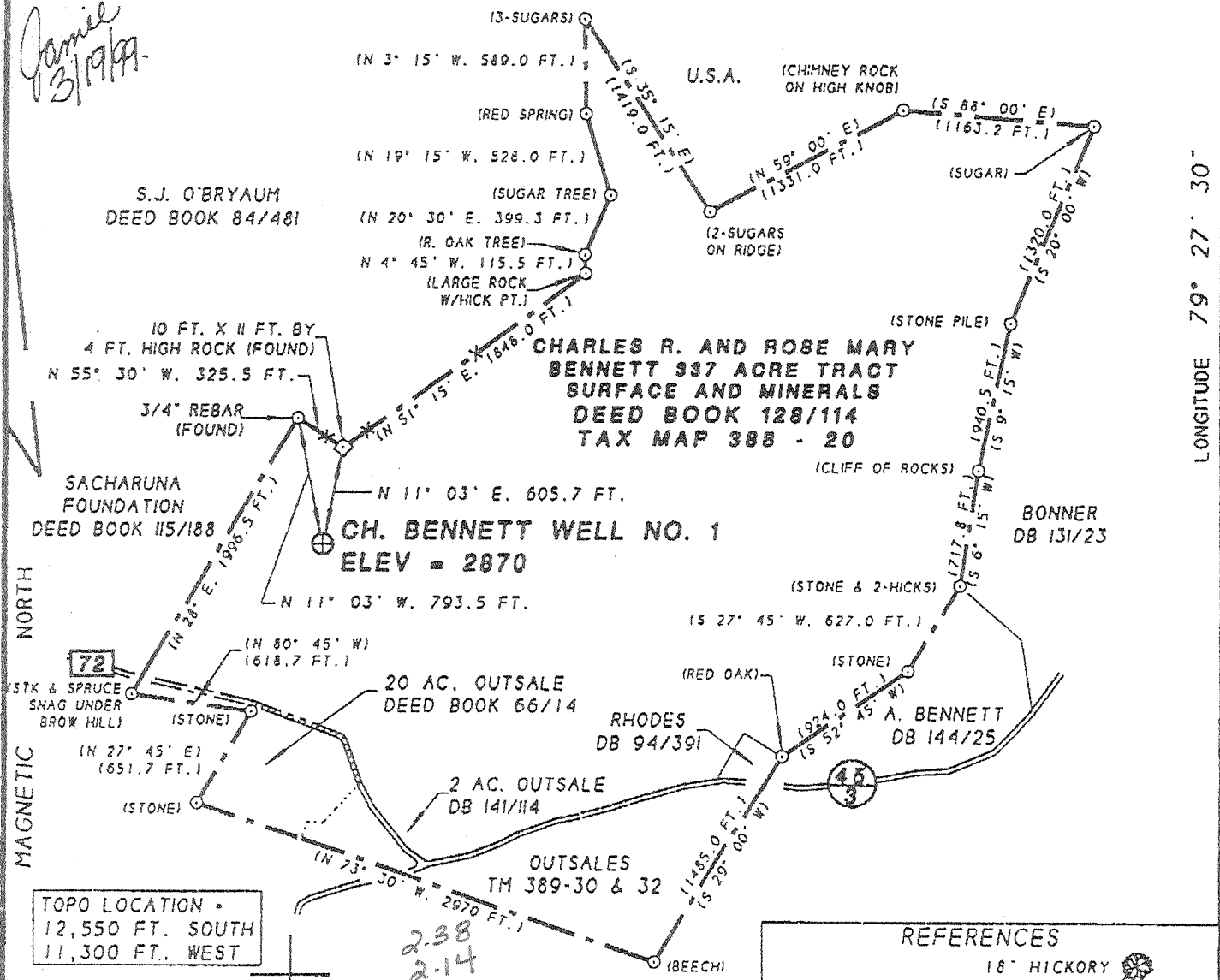


LATITUDE 39° 02' 30"

LONGITUDE 79° 27' 30"

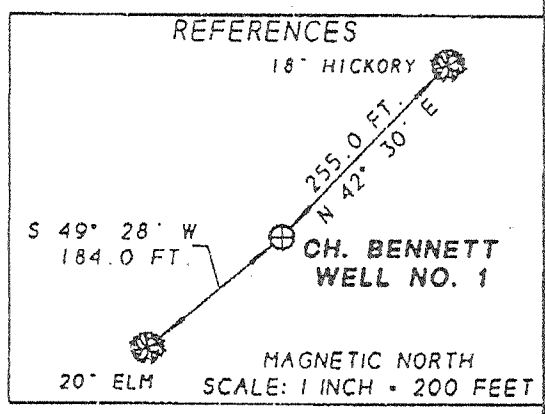
Janice 3/19/99



TOPO LOCATION -
12,550 FT. SOUTH
11,300 FT. WEST

- NOTES:
- 1) DEED CALLS ARE SHOWN IN (PARENTHESIS).
 - 2) THERE ARE NO OTHER KNOWN WELLS WITHIN 3000 FT. OF CH. BENNETT NO. 1
 - 3) DEED REF'S INDICATE SURFACE TRACTS.
 - 4) DARK LINES SHOWN ARE THE OUTSIDE CALLS OF THE TOTAL TRACT, BEFORE OUTSALES. AS DESCRIBED IN DEED BOOK 128/114.

LOCATION BY LEON G. MALLOW
PROFESSIONAL SURVEYOR NO. 567
ROUTE 1, BOX 117, MONTROSE, WV 26283

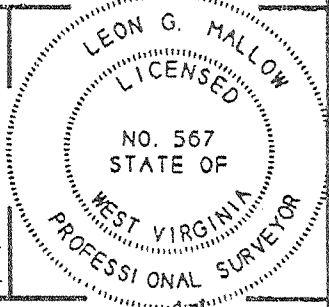


+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. ARD-CH-BENNETT-1
DRAWING NO. _____
SCALE 1 INCH - 1000 FEET
MINIMUM DEGREE OF ACCURACY 1 IN 200
PROVEN SOURCE OF ELEVATION RD. INTERSECTION
ELEV - 2714

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, OFFICE OF OIL AND GAS

(SIGNED) Leon G. Mallow
R.P.E. _____ P.S. 567



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

DATE MARCH 9 #1 1999
OPERATOR'S WELL NO. CH. BENNETT
API WELL NO. 47
STATE 093-00076 COUNTY PERMIT

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION X STORAGE _____ DEEP X SHALLOW _____)

LOCATION: ELEVATION 2870 WATER SHED BIG RUN OF THE DRY FORK
DISTRICT DRY FORK COUNTY TUCKER
QUADRANGLE BLACKWATER FALLS

SURFACE OWNER CHARLES R. AND ROSE MARY BENNETT ACREAGE 337
OIL & GAS ROYALTY OWNER CHARLES R. AND ROSE MARY BENNETT LEASE ACREAGE 341
LEASE NO. 4110

PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 6-6 374

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____

TARGET FORMATION ORISKANY S.S. ESTIMATED DEPTH 8700 MAR 29 1999
WELL OPERATOR ARDENT RESOURCES, INC. DESIGNATED AGENT R. EDWARD HART
ADDRESS 35 HIGHLAND RD., SUITE 3108 ADDRESS 1120 KANAWHA BLVD. EAST
BETHEL PARK, PA 15102 CHARLESTON, WV 25301
DEEP WELL

COUNTY NAME PERMIT

TUC 00710

WR-35

19-Mar-99
API # 47- 93-00076

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

RECEIVED

Farm name: BENNETT, CHARLES & MARY Operator Well No. CB BENNETT #1

LOCATION: Elevation: 2,840.00 Quadrangle: BLACKWATER FALLS
District: DRY FORK County: TUCKER
Latitude: 12550 Feet South of 39 Deg. 2 Min. 30 Sec.
Longitude 11300 Feet West of 79 Deg. 27 Min. 30 Sec.

Company: ARDENT RESOURCES, INC.
P. O. BOX 8
BETHEL PARK, PA 15102-0008

Agent: EDWARD HART

Inspector: PHILLIP TRACY
Permit Issued: 03/22/99
Well work Commenced: 07/26/99
Well work Completed: 08/12/99
Verbal Plugging
Permission granted on: _____
Rotary x Cable _____ Rig _____
Total Depth (feet) 8665'
Fresh water depths (ft) _____
81'
Salt water depths (ft) none

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
20"	17'	17'	10 sx
13 3/8"	315'	315'	191 sx
9 5/8"	1531'	1531'	568 sx
4 1/2"	-	8390'	360 sx
2 3/8"	-	8380'	-

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

OPEN FLOW DATA

Natural

Producing formation Oriskany Pay zone depth (ft) 8445'
Gas: Initial open flow 1180 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 1800 psig (surface pressure) after 41 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: ARDENT RESOURCES, INC.
By: Edward Hart
Date: 09.18.00

JUN 9 2000

Tuo 0076

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

8/11/99 Set 4 1/2" csg. above Oriskany payzone. No perforations. No stimulation.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Lime and Shale			Surface	450'	1/4" stream fresh water @ 81'
Shale			450'	890'	
Sand and Shale			890'	2160'	
Shale			2160'	2360'	
Sand			2360'	2400'	
Shale			2400'	2680'	
Sand			2680'	2770'	
Shale			2770'	3060'	
Sand (Speechley)			3060'	3310'	
Shale			3310'	4260'	
Sand			4260'	4310'	
Shale			4310'	4700'	
Siltstone			4700'	4930'	
Shale			4930'	6530'	
Siltstone			6530'	6570'	
Shale			6570'	7620'	
Lime (Tully)			7620'	7670'	
Shale			7670'	8040'	
Shale (Marcellus)			8040'	8070'	
Lime			8070'	8130'	
Shale (Marcellus)			8130'	8180'	
Lime (Onondaga)			8180'	8226'	
Chert (Huntersville)			8226'	8284'	
Shale (Needmore)			8284'	8304'	
Sand (Oriskany)			8304'	8540'	Gas @ 8445'
Lime (Helderberg)			8540'	Total Depth	8665

(Attach separate sheets as necessary)

Ardent Resources, Inc.
Well Operator

By:

Terry L. Ward

Date:

04.18.00

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 drilling of a well."