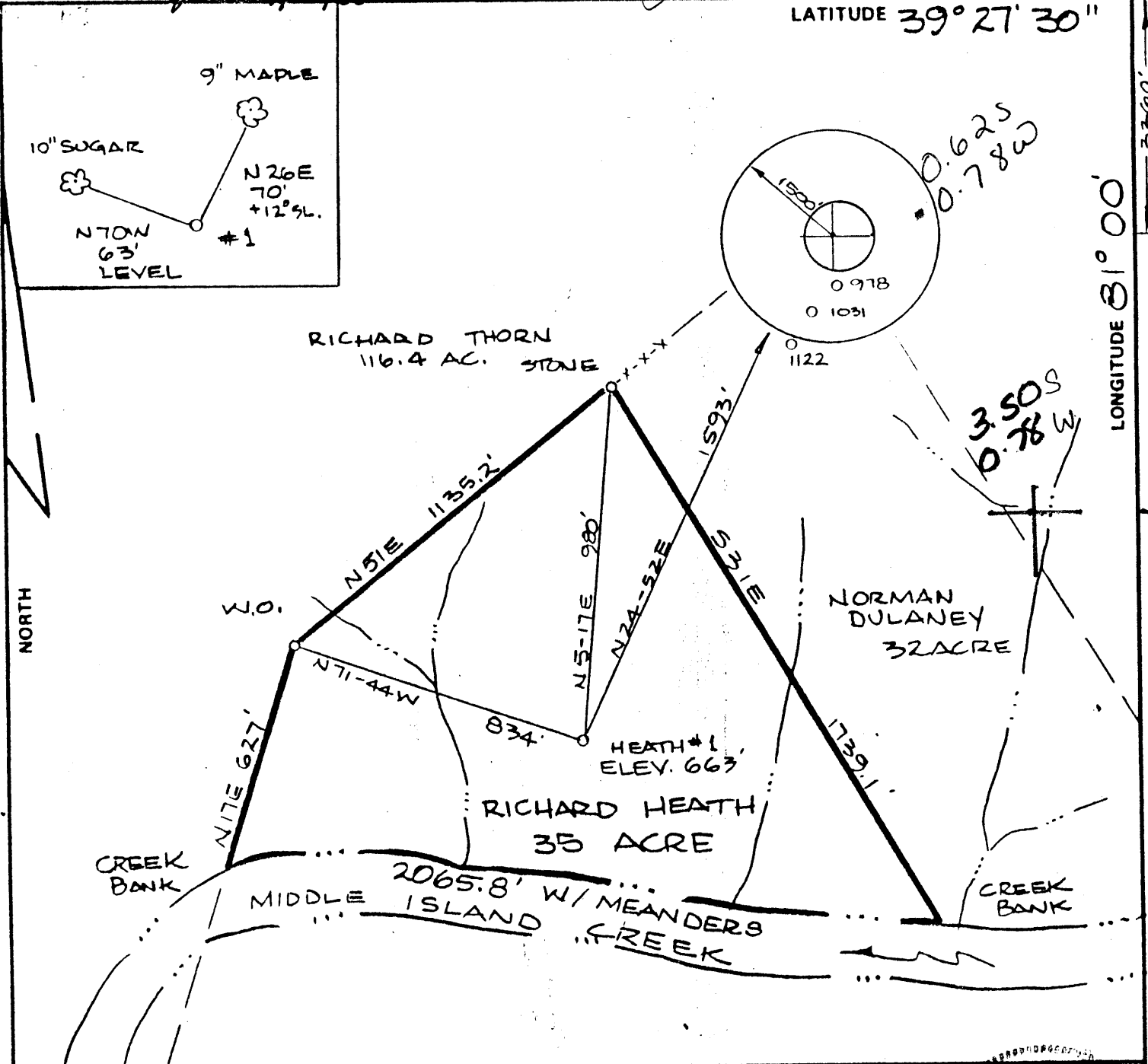


Jan 9/23/88

P. 5 of 8

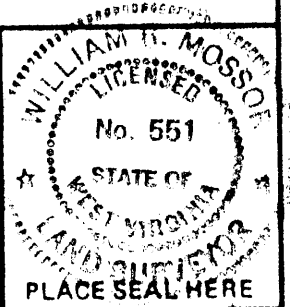
LATITUDE 39° 27' 30"

LONGITUDE 81° 00'



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD INTER. ELEV 639'

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) William H. Mosso
 R.P.E. _____ L.L.S. 551



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



DATE 5 AUGUST 1988
 OPERATOR'S WELL NO. HEATH #1
 API WELL NO. 47-095-1262
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 663' WATER SHED MIDDLE ISLAND CREEK
 DISTRICT UNION COUNTY TYLER
 QUADRANGLE BENS RUN 241 1163 St. Marys NE
 SURFACE OWNER RICHARD-PATRICIA HEATH ACREAGE 35
 OIL & GAS ROYALTY OWNER RICHARD-PATRICIA HEATH LEASE ACREAGE 35
 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) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 5990'
 WELL OPERATOR TRANS-CAPITAL INVEST. DESIGNATED AGENT BARRY D. HAUGHT
 ADDRESS 501E KENNEDY BLVD, SUITE 601 ADDRESS RT 3, BOX 14
 TAMPA, FLO 33602 SMITHVILLE, WV 26178

STEPHENS BLUEPRINT

1041
 6-6 Shiloh-Wick (086)

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Reviewed TMG
Recorded _____

JUN 15 92
Permitting
Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: HEATH, RICHARD & PATRICIA Operator Well No.: HEATH 1

LOCATION: Elevation: 663.00 Quadrangle: BENS RUN

District: UNION County: TYLER
Latitude: 3360 Feet South of 39 Deg. 27Min. 30 Sec.
Longitude 4130 Feet West of 81 Deg. 0 Min. 0 Sec.

Company: TRANS-CAPITAL INVESTMENT
501 E. KENNEDY BLVD. SUITE601
TAMPA, FL 33602-0000

Agent: BARRY D. HAUGHT

Inspector: MIKE UNDERWOOD
Permit Issued: 09/23/88
Well work Commenced:
Well work Completed: 10/03/88
Verbal Plugging
Permission granted on:
Rotary x Cable _____ Rig
Total Depth (feet) 1586
Fresh water depths (ft) 35-95'

~~Salt water depths~~ (ft) 140 - 380'

Is coal being mined in area (Y/N) _____
Coal Depths (ft): None

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8"	375'	Yes	Cemented to surface
4 1/2"	1480	Yes	No

OPEN FLOW DATA

Producing formation Kenner Pay zone depth (ft) 1743'
Gas: Initial open flow 200' MCF/d Oil: Initial open flow -0- Bbl/c
Final open flow 200' MCF/d Final open flow 35.0 Bbl/c
~~Time of open flow between initial and final tests~~ 24 Hours
Static rock Pressure 500 psig (surface pressure) after 24 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/c
Final open flow _____ MCF/d Final open flow _____ Bbl/c
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: TRANS-CAPITAL INVESTMENT GROUP, INC.
By: [Signature]
Date: 7/21/92

JUL 21 1992

Details of Completion

Open Hole 1480' - 1586' 4½" casing @ 1480' G.L. not cemented shot w/25 qts Nitro.

<u>Depth</u>	<u>Formation</u>
1470'	Big Lime
1544'	Keener

7755

FORM WW-2B

095-1262
 Issued 9/23/88 Expired 9/23/92
 Page 4 of 8

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

- 1) Well Operator: TRANS CAPITAL INVESTMENT GROUP #9505, 6, 241
- 2) Operator's Well Number: HEATH #1 3) Elevation: 663
- 4) Well type: (a) Oil or Gas
 (b) If Gas: Production Deep Underground Storage Shallow
- 5) Proposed Target Formation(s): MARCELLUS #1
- 6) Proposed Total Depth: 5990 feet
- 7) Approximate fresh water strata depths: 75, 296, 290, 333'
- 8) Approximate salt water depths: 350?
- 9) Approximate coal seam depths: NONE
- 10) Does land contain coal seams tributary to active mine? Yes No
- 11) Proposed Well Work: DRILL AND STIMULATE OR FRACTURE NEW WELL
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor				360'	360'	38"SR18-11.1
Fresh Water	10 3/4		32#	300	300	CEMENT TO SURFACE
Coal						
Intermediate						38"SR-18-11.2.2
Production	7		20#	1550	1550'	20 SACKS
Tubing						
Liners						

RECEIVED
 SEP 23 1988

PACKERS : Kind _____
 Sizes _____
 Depths set _____

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY
 For Division of Oil and Gas Use Only

1053
 31 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond 50 Blanket Agent
 (Type)

Page 1 of 8
Form WW2-A
(09/87)
File Copy

RECEIVED
SEP 23 1988

1) Date: 14 SEPTEMBER 1988
2) Operator's well number
HEATH #1
3) API Well No: 47 - 095 - 1262
State - County - Permit

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
 (a) Name- RICHARD + PATRICIA HEATH
 Address Rt #1
MIDDLEBOURNE WV 26149
 (b) Name _____
 Address _____
 (c) Name _____
 Address _____
- 5) (a) Coal Operator:
 Name _____
 Address NONE
 (b) Coal Owner(s) with Declaration
 Name _____
 Address NONE
 Name _____
 Address _____
- 6) Inspector GLEN ROBINSON
 Address Rt #1, #6 Mt Pleasant Est.
MINERAL WELLS, WV 26150
 Telephone (304)- 489 9162
- (c) Coal Lessee with Declaration
 Name _____
 Address NONE

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
 Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 8 on the above named parties, by:

- Personal Service (Affidavit attached)
 Certified Mail (Postmarked postal receipt attached)
 Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine, and imprisonment.

Well Operator TRANS-CAPITAL INVESTMENT GROUP
By: BARRY D. HAUGHT
Its: PRESIDENT
Address 501 E. KENNEDY BLVD. SUITE 601
TAMPA, FL 33602
Telephone 813/ 221- 8222

Subscribed and sworn before me this 14th day of September 1988

John P. Cook
My commission expires May 21, 1996

