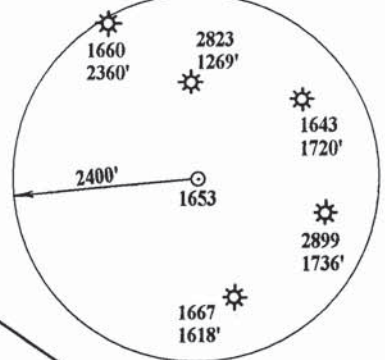


NAD 27 WV NORTH SPC:
 1653 = 140,419.00'
 1,788,785.93'

LATITUDE 38-55-00
 SCALED COOR.:
 12,135' SOUTH
 9,660' WEST

LONGITUDE 80-12-30

WVGO 1369
 097-1653



NORTH

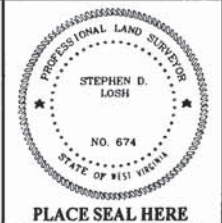
NOTES: LATITUDE, LONGITUDE, WELL AND CORNER TIES FROM DGPS SUBMETER SURVEY OF VARIOUS DATES. SURFACE ADJOINER AND BOUNDARY INFORMATION TAKEN FROM COURT HOUSE.

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

FILE NUMBER: _____
 DRAWING NUMBER: ENYSTALL.PCS
 SCALE: 1" = 200'
 MINIMUM DEGREE OF ACCURACY: 1 IN 200
 PROVEN SOURCE OF ELEVATION: DGPS SURVEY
SUBMETER SYSTEM

I THE UNDERSIGNED, HEREBY STATE 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 ENERGY.

(SIGNED) [Signature]
 STEPHEN D. LOSH, P.S. #674



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WV 25143-2506

LAND SURVEYING SERVICES
 21 CEDAR LANE, BRIDGEPORT, WV 26330
 PHONE: 304-842-2018 OR 842-5762

DATE: APRIL 17, 2003
 OPERATORS WELL NO.: WVGO 1369
 API WELL NO. R. HALL #1
47 - 097 - 01653
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1529.40' WATERSHED GRAND CAMP RUN
 DISTRICT MEADE COUNTY UPSHUR
 QUADRANGLE BUCKHANNON LEASE NUMBER _____

SURFACE OWNER ROY R. CHAPMAN ACREAGE 101.84
 OIL & GAS ROYALTY OWNER RUTH Y. HALL LEASE ACREAGE 125.00

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

TARGET FORMATION _____ PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
 ESTIMATED DEPTH _____

WELL OPERATOR ENERVEST OPERATING, LLC DESIGNATED AGENT KENNETH MARIANE
 ADDRESS P. O. DRAWER 1878 CLARKSBURG, WV 26302 ADDRESS P. O. DRAWER 1878 CLARKSBURG, WV 26302

COUNTY NAME PERMIT

Handwritten initials

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Ruth Y. Hall Operator Well No.: (1) 369-UC

LOCATION: Elevation: 1520' Quadrangle: Buckhannon

District: Meade County: Upshur
Latitude: 11,900 Feet South of 38 Deg. 55 Min. 00 Sec.
Longitude 21,700 Feet West of 80 Deg. 10 Min. 00 Sec.

Company: EnerVest Operating, LLC

| | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|--|---------------------|------------------|--------------|------------------------|
| Address: 300 Capitol Street, Suite 700 Charleston, WV 25301 | Size 20-16 Cond. | | | |
| | 11 3/4 | 15' | 15' | |
| Agent: | 9 5/8 | | | |
| Inspector: <u>Craig Duckworth</u> | 8 5/8 | 694.60 | 694.60 | 270 sks. |
| Date Permit Issued: <u>May 5, 1976</u> | 7 | | | |
| Date Well Work Commenced: <u>07/24/03</u> | 5 1/2 | | | |
| Date Well Work Completed: <u>07/30/03</u> | 4 1/2 | 3774.20 | 3774.20 | 575 sks. |
| Verbal Plugging: | 3 | | | |
| Date Permission granted on: | 2 | | | |
| Rotary X Cable Rig | | | | |
| Total Depth (feet): <u>3990'</u> | | | | |
| Fresh Water Depth (ft.): <u>40' - 4", 155' - 1"</u> | | | | |
| Salt Water Depth (ft.): <u>None</u> | | | | |
| Is coal being mined in area (N/Y)? | | | | |
| Coal Depths (ft.): <u>53/56, 306/309</u> | | | | |

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Office of Oil & Gas
Office of Chief
MAR 01 2004
WV Department of
Environmental Protection

OPEN FLOW DATA

Producing formation see back 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

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

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DEC 30 2003
WV Department of
Environmental Protection

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.

Signed: *Kenneth Mariani*
Enervest Operating, LLC
By: Kenneth Mariani - Vice President
Date: 12/16/2003

Perforated: 1322'-1328' with 18 shots
Treated with 50sks 80/100 & 300 sxs 20/40 in a x-link gel

Open Flow = None Taken
R.P. = None Taken (Well Kicked Off)



Office of Oil and Gas
1356 Hansford Street
Charleston, WV 25301
Phone: (304) 558-6075
Fax: (304) 558-6047

West Virginia Department of Environmental Protection

Bob Wise,
Governor

June 09, 2003

Stephanie R. Timmermeyer,
Cabinet Secretary

WELL WORK PERMIT Fracture

This permit, API Well Number: 47-9701653, issued to ENERVEST OPERATING L. L. C., is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-654-3312 and to the Oil and Gas inspector.

Please be advised that form WR-35, well operators report of well work, is to be submitted to this office within 90 days of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

This permit will expire in two (2) years from the issue date.

If there are any questions, please feel free to contact me or Mr. Al Blankenship at 304-558-6342.

JAMES MARTIN
Chief,
Office of Oil and Gas

Operator's Well No: HALL 1

Farm Name: CHAPMAN, ROY

API Well Number: 47-9701653

Permit Type: Fracture

Date Issued: 06/09/2003

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Enervest Operating, L.L.C. 3 248
Operator ID 097 County Meade District Buckhannon Quadrangle

2) Operators Well Number: R. Hall #1 WVG01369 3) Elevation: 1637.89'

4) Well Type: (a) Oil _____ or Gas X
(b) If Gas: Production X / Underground Storage _____
Deep _____ / Shallow X

5) Proposed Target Formation(s): Squaw

6) Proposed Total Depth: _____ Feet
7) Approximate fresh water strata depths: 40' 155'
8) Approximate salt water depths: N/A

9) Approximate coal seam depths: 53-56, 306-309

10) Does land contain coal seams tributary to active mine? No

11) Describe proposed well work Recomplete ; Perf and Frac Squaw



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 | 11 3/4 | | | 15 | 15 | |
| Fresh Water | | | | | | |
| Coal | | | | | | |
| Intermediate | 8 5/8 | | | 694 | 694 | 319 |
| Production | 4 1/2 | | | 3774 | 3774 | 679 |
| Tubing | | | | | | |
| Liners | | | | | | |

Packers: Kind _____
Sizes _____
Depths Set _____

350.
04/25/2

JB