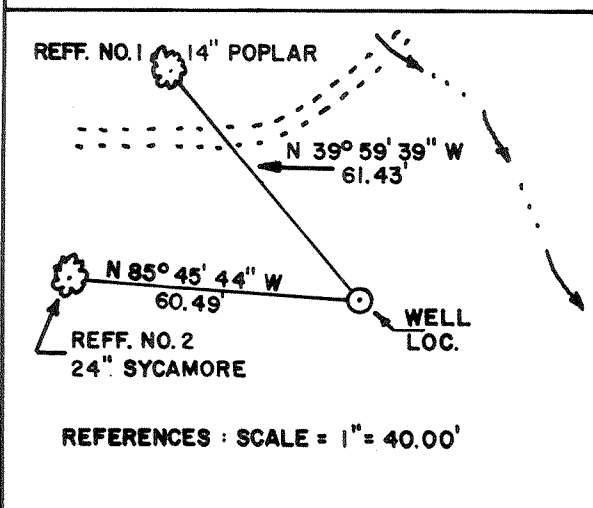
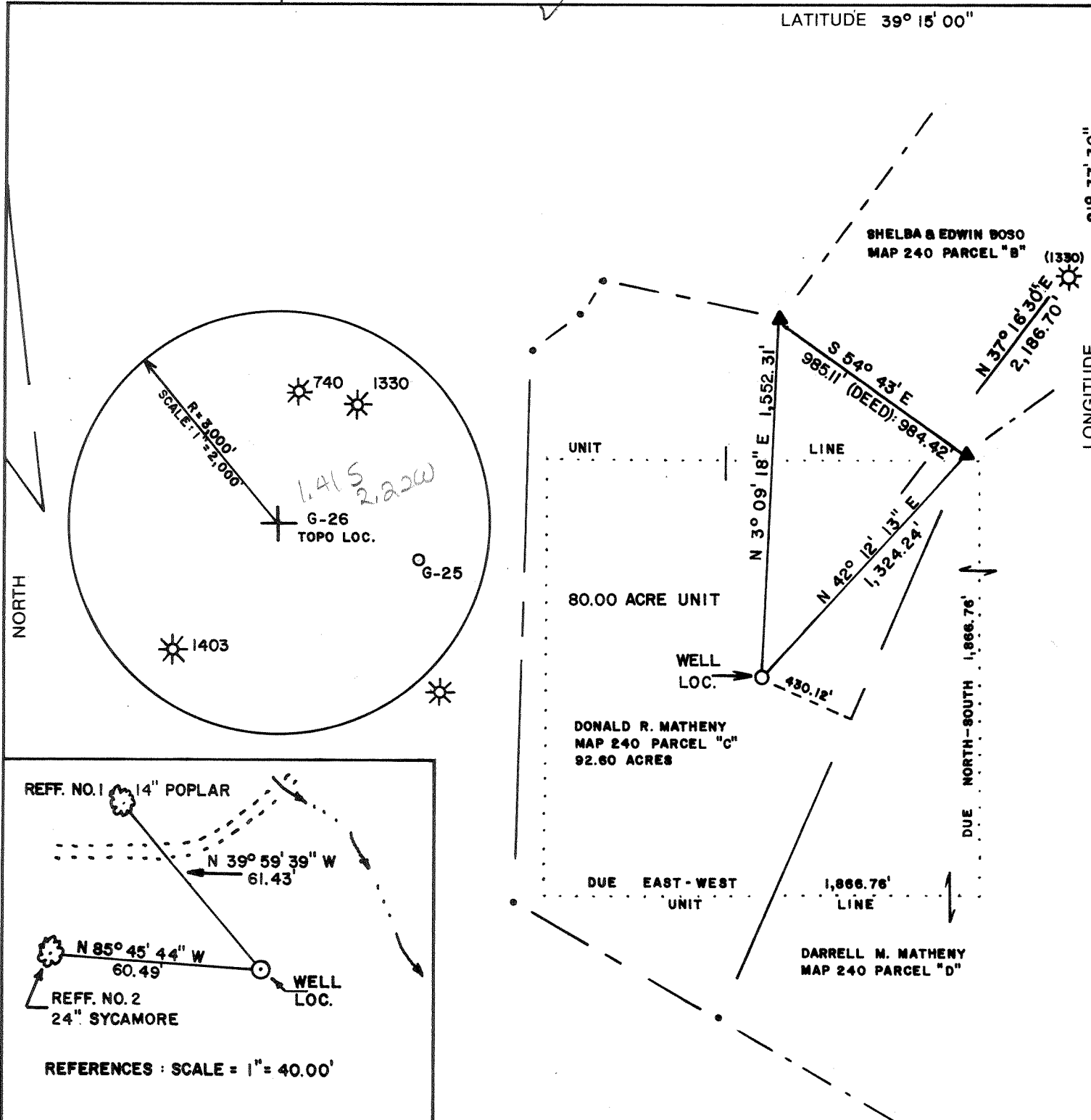


LATITUDE 39° 15' 00"

LONGITUDE 81° 37' 30"



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS ▲ DENOTES IRON PIPE FOUND

FILE NO. C:DUPONT2A
 DRAWING NO. _____
 SCALE 1" = 600.00'
 MINIMUM DEGREE OF ACCURACY 1' IN 200'
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION
 NE OF LOCATION ELEV. 748'

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 ENERGY
 (SIGNED) _____
 R.P.E. 7245 L.L.S. 1923

PLACE SEAL HERE

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

DATE MARCH 24, 1996
 OPERATOR'S WELL NO. G-26
 API WELL NO. _____

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

LOCATION: ELEVATION 586.05' WATERSHED VAUGHTS CREEK
 DISTRICT LUBECK COUNTY WOOD
 QUADRANGLE LUBECK 7.5' / Belleville DC

SURFACE OWNER DONALD R. MATHENY ACREAGE 92.60
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____
 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 _____ ESTIMATED DEPTH 606 357

WELL OPERATOR ENERGY SEARCH, INC. DESIGNATED AGENT HAROLD W. WILSON
 ADDRESS 280 FORT SANDERS BLVD. KNOXVILLE, TN. 37922 ADDRESS P.O. BOX 1525, PARKERSBURG, WV. 26102

FORM WW-6

COUNTY NAME

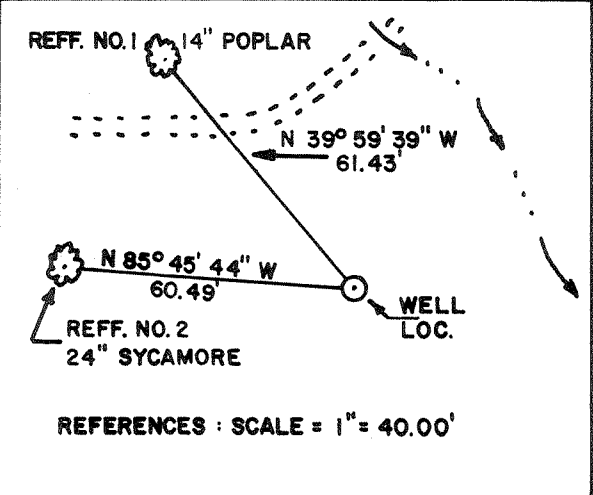
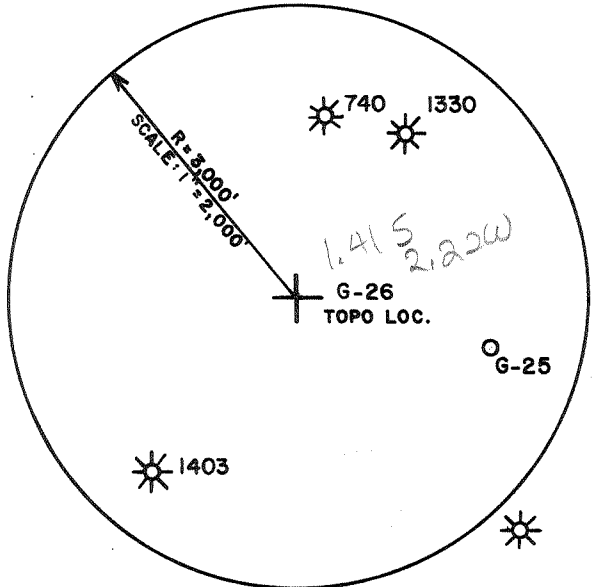
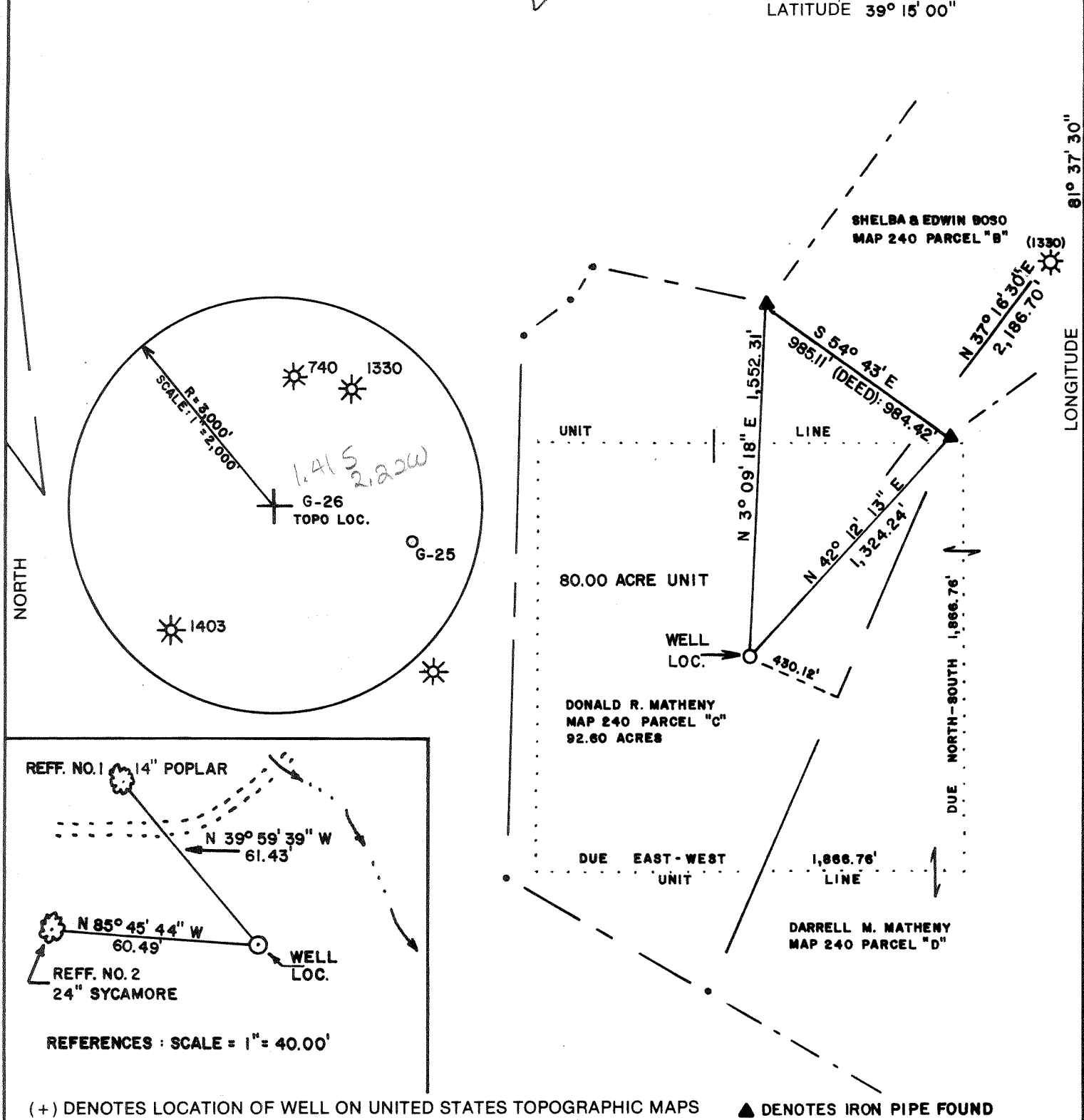
PERMIT

DEEP WELL

Chas 2-2-98

LATITUDE 39° 15' 00"

LONGITUDE 81° 37' 30"



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS ▲ DENOTES IRON PIPE FOUND

FILE NO. C:DUPONT2A
 DRAWING NO. _____
 SCALE 1" = 600.00'
 MINIMUM DEGREE OF ACCURACY 1' IN 200'
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION NE OF LOCATION ELEV. 748'

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 ENERGY
 (SIGNED) _____
 R.P.E. 7245 L.L.S. 1423

PLACE SEAL HERE

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



DATE MARCH 24, 1996
 OPERATOR'S WELL NO. G-26
 API WELL NO. _____

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

LOCATION: ELEVATION 586.05' WATER SHED VAUGHTS CREEK
 DISTRICT LUBECK COUNTY WOOD
 QUADRANGLE LUBECK 7.5' / Bellville AC

SURFACE OWNER DONALD R. MATHENY ACREAGE 92.60
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____

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 6-6 357

WELL OPERATOR ENERGY SEARCH, INC. DESIGNATED AGENT HAROLD W. WILSON
 ADDRESS 280 FORT SANDERS BLVD. KNOXVILLE, TN. 37922 ADDRESS P.O. BOX 1525, PARKERSBURG, WV. 26102

COUNTY NAME WOOD
 PERMIT 1569

H.T. HALL 058018 FORM WW-6

DEEP WELL

Chas 2-2-98

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

Well Operator's Report of Well Work

Farm name: MATHENY, DONALD R. Operator Well No.: MATHENY #5-G26

LOCATION: Elevation: 586.05 Quadrangle: LUBECK

District: LUBECK County: WOOD
Latitude: 7400 Feet South of 39 Deg. 15Min. 0 Sec.
Longitude 11750 Feet West of 81 Deg. 37 Min. 30 Sec.

Company: ENERGY SEARCH, INC.
280 FT. SANDERS, W. BLVD., STE. 200
KNOXVILLE, TN 37922-0000

Agent: HAROLD W. WILSON

Inspector: GLEN ROBINSON
Permit Issued: 05/03/96
Well work Commenced: 07/25/96
Well work Completed: 08/10/96
Verbal Plugging
Permission granted on:
Rotary x Cable _____ Rig
Total Depth (feet) 4329'
Fresh water depths (ft) 150'

Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
9-5/8	261'	261'	Surface Circ 38 sk
7"	1577'	1577'	Surface Circ 39 sk
4-1/2	4324'	4324'	55 sx Class A w/-2% CaCl

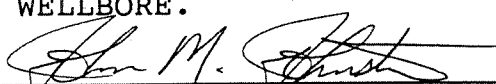
Salt water depths (ft) _____
1429' - Big Injun
Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

OPEN FLOW DATA

Producing formation Oriskany Pay zone depth (ft) 4173
Gas: Initial open flow 200 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 175 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 1430 psig (surface pressure) after 24 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: ENERGY SEARCH, INC.

By: John M. Johnston - Vice President
Date: 8/27/96 Exploration & Development

Perforations: 4171 - 4179 (16 Shots)

Frac: 500 gals. acid
38,500# sand
750 bbls. gelled water

APR 25 1996 STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

Permitting WELL WORK PERMIT APPLICATION

1) Well Operator: Office of Oil & Gas 5014 Energy Search Inc. 15925 (3) 449

Operator's Well Number: Matheny #5 - G26 3) Elevation: 586.05'

Well type: (a) Oil___/ or GasXX/
(b) If Gas: ProductionXX/ Underground Storage___/
Deep___/ Shallow___/

Issued 05/03/96
Expires 05/03/98

Proposed Target Formation(s): 475 Berea, Devonian Shales, Oriskany

Proposed Total Depth: 4500' feet

7) Approximate fresh water strata depths: 150'

8) Approximate salt water depths: 1500'

9) Approximate coal seam depths: _____

10) Does land contain coal seams tributary to active mine? Yes___/ NoXX/

11) Proposed Well Work: Drill & Stimulate

12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor						
Fresh Water	9-5/8		36#	250'	250'	Circ. to surface per 38 CSR 18-11.3
Coal		<i>OK SHIT.</i>				
Intermediate	7"		17#	1700'	1700'	Circ. to surface per 38 CSR 18.11.2.2
Production	4-1/2"		10.5#	4500'	4500'	120 cu.ft. or as required by 38 CSR 18-11.1
Tubing						
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Office of Oil and Gas Use Only

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

6009
12

RECEIVED

WV Division of Environmental Protection

APR 23 1996

Page 1 of _____
Form WW2-A
(09/87)

- 1) Date: 4/23/96
- 2) Operator's well number Matheny #5 - G26
- 3) API Well No: 47 - 107 - 1369
State - County - Permit

Permitting Office of Oil & Gas

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 Donald R. Matheny
Address Rt. 2 Box 193
Washington, WV. 26181
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 6) Inspector _____
Address _____
Telephone (304)- _____

- 5) (a) Coal Operator:
 - Name N/A
Address _____
 - (b) Coal Owner(s) with Declaration
Name _____
Address _____
 - (c) Coal Lessee with Declaration
Name _____
Address _____

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 ____ 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 Energy Search Inc.
By: Harold Wilson Harold Wilson
Its: Designated Agent
Address 1531 Garfield Ave. - P O Box 1525
Parkersburg, Wv 26102-1525
Telephone 304-422-6591

Subscribed and sworn before me this 24th day of April, 1996

CARRY S. RANSON - Commissioner For WV Notary Public
My commission expires September 10, 2000



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506

May 3, 1996

Division of Environmental Protection
Office of Oil and Gas
Nitro, West Virginia

Re: Application for Permit #47-107-01569 to drill deep well.

COMPANY: Energy Search, Inc.

FARM: Donald R. Matheny #G-26

COUNTY: Wood DISTRICT: Lubeck QUAD: Lubeck

The application of the above company is Approved for Oriskany.
(Approved or Disapproved)

Applicant has complied with the provisions of Chapter twenty-two, eight (22-8), of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

1.) Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owner; **yes**

2.) Provided a tabulation of all deep wells within one mile of the proposed location, including the Api number of the deep well, well name, and the name and address of operator and; **yes***

3.) Provided a plat showing that the proposed location is a distance of **430** feet from the nearest unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,
Brett Loflin (CR)
Brett Loflin
Engineer

- *2,300 feet to 47-107-01403(exc.) 3,300 feet to 47-107-00727DD
- 2,000 feet to 47-107-00740DD(exc.) 2,250 feet to 47-107-01330(exc)
- 4,000 feet to 47-107-01052 3,300 feet to 47-107-01266