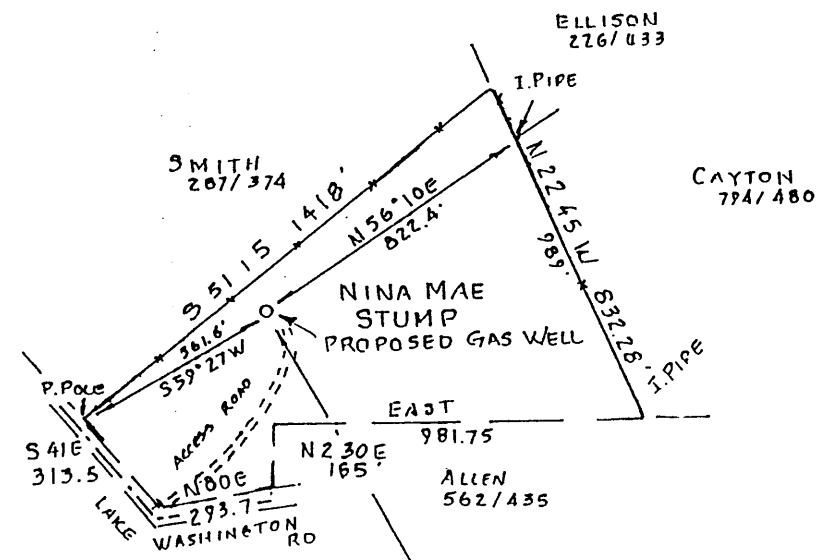
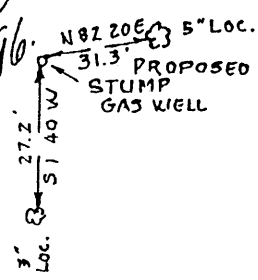


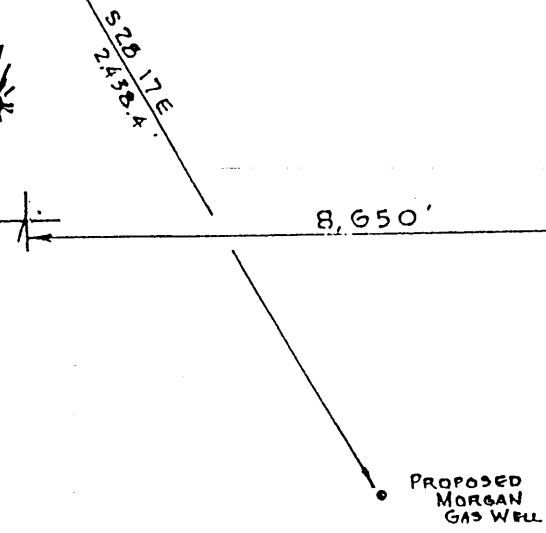
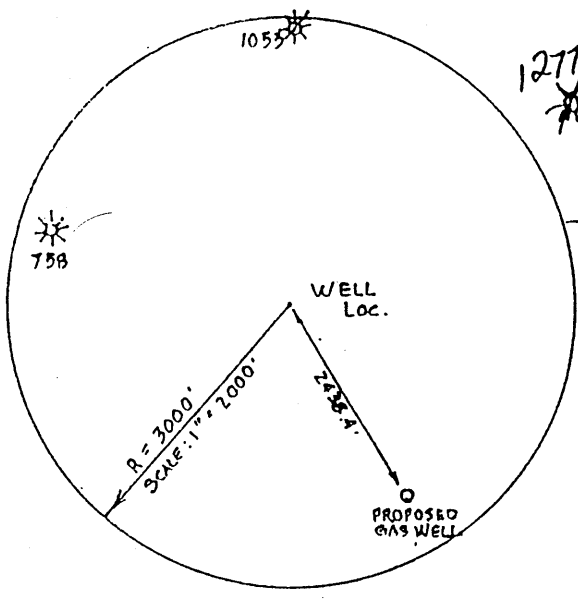
LATITUDE 39° 17' 30"

LONGITUDE 81° 37' 30"

Jamie
11/25/96



NORTH



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

FILE NO. 96056
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION USGS BENCH MARK

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) [Signature]
 R.P.E. _____ L.L.S. 007

PLACE SEAL HERE

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



DATE August 26, 19 96
 OPERATOR'S WELL NO. Stump #1-629
 API WELL NO. 47-107-01582
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 833.4 WATERSHED BRANCH OF OHIO RIVER
 DISTRICT LUBECK COUNTY WOOD
 QUADRANGLE LITTLE HOCKING 7.5'

SURFACE OWNER NINA MAE STUMP ACREAGE 17.2 ±
 OIL & GAS ROYALTY OWNER NINA MAE STUMP 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) _____

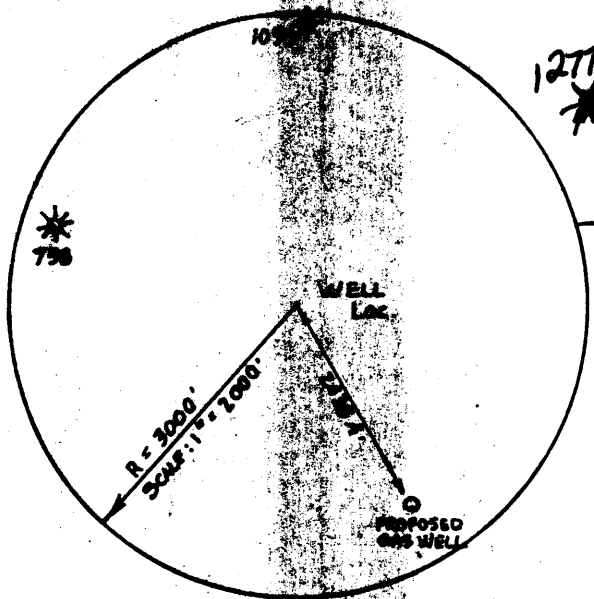
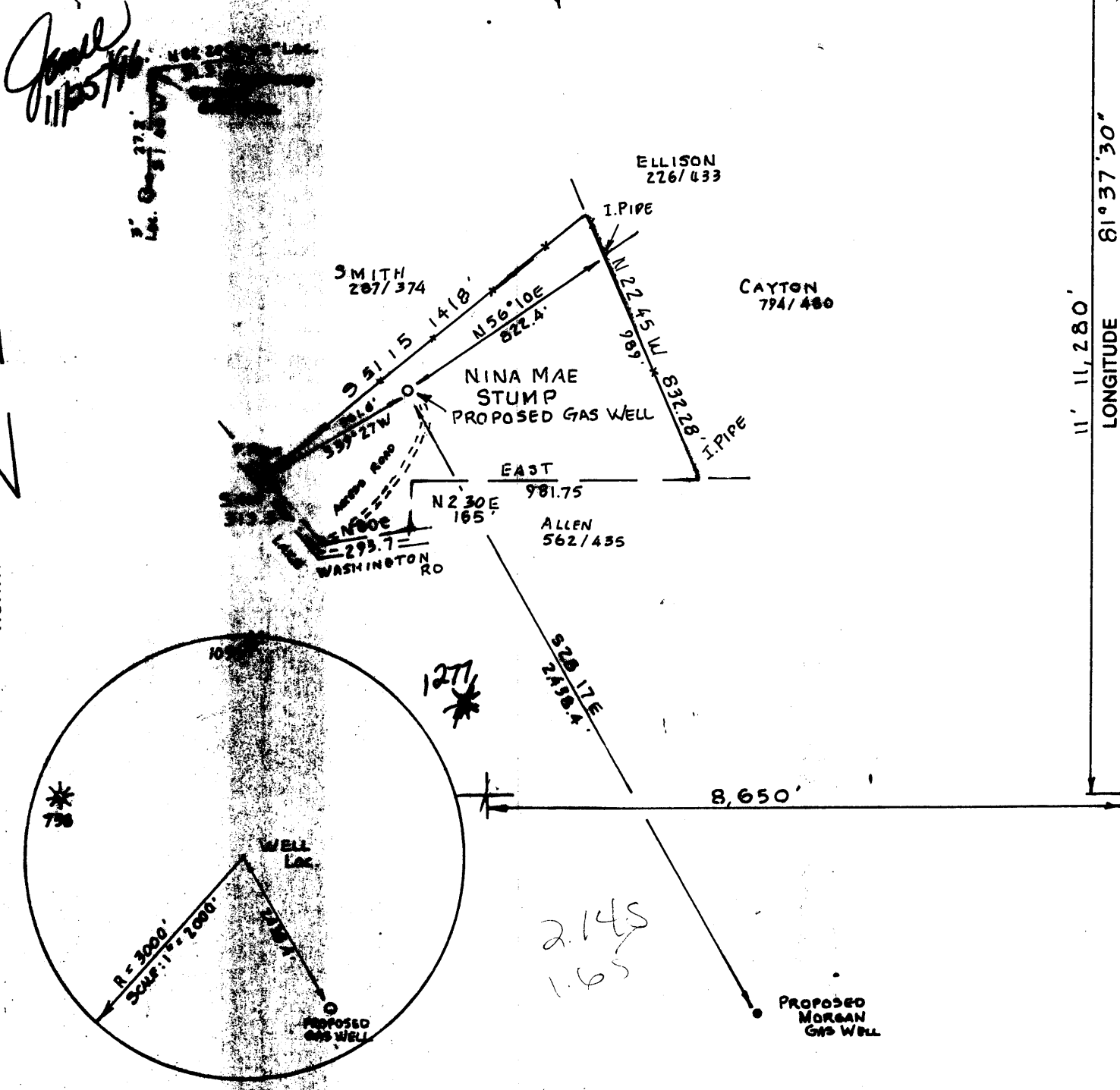
TARGET FORMATION Berea Shale Driskany ESTIMATED DEPTH _____
 WELL OPERATOR Energy Search, Inc. DESIGNATED AGENT [Signature] **MAR 29 1999**
 ADDRESS 400 Carol Road ADDRESS _____
Hubersburg, W. Va. 26107

WOOD COUNTY NAME
 1582 CANC. PERMIT

LATITUDE 39° 17' 30"

LONGITUDE 81° 43' 19"

NORTH



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

FILE NO. 96056
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION USGS BENCH MARK

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) [Signature]
 R.P.E. _____ L.L.S. 607


 Seal
 PLACE SEAL HERE

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



DATE August 26, 19 96
 OPERATOR'S WELL NO. Stump #1-629
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 833.4 WATERSHED BRANCH OF OHIO RIVER
 DISTRICT LUBECK COUNTY WOOD
 QUADRANGLE LITTLE HOCKING 7.5'

SURFACE OWNER NINA MAE STUMP ACREAGE 17.2 ±
 OIL & GAS ROYALTY OWNER NINA MAE STUMP 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) _____

TARGET FORMATION Beane Shale Drisking ESTIMATED DEPTH _____
 WELL OPERATOR Energy Search, Inc. DESIGNATED AGENT Bo Ranson
 ADDRESS 90 Coal Road Finkersburg, W. Va. 26101 ADDRESS _____

DEC 2 1996

COUNTY NAME PERMIT

FORM WW-6 8108018 M.T. HALL 058018

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

- 1) Well Operator: ⁵⁰¹⁴ Energy Search Inc. 15925 (3) 437
- 2) Operator's Well Number: Nina Stump #1 G-29 3) Elevation: 833.4
- Well type: (a) Oil ___ / or Gas XXX **Issued 11/27/96**
(b) If Gas: Production XXX Underground Storage ___
Deep ___ / Shallow ___ **Expires 11/27/98**
- Proposed Target Formation(s): ⁴⁷⁵ Berea, Devonian Shale, Oriskany
- Proposed Total Depth: 4500' feet
- 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 ___ / No XXX
- 11) Proposed Well Work: Drill & Stimulate *New Well*
- 12) _____

RECEIVED
Nov 21 1996
Office of Oil & Gas
Permitting
Environmental Protection
WV Division of

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>38 CSR 18-11.2.2</i>
Intermediate	7"	-	17#	1700'	1700'	Circ to surface per CSR 18-11.3
Production	4-1/2		10.5#	4500'	4500'	60 sx or as required by 38 CSR 18
Tubing						<i>38 CSR 18-11.1</i>
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 Blanket Agent WPC
 (Type)

22949

RECEIVED
WV Division of
Environmental Protection
NOV 21 1996
Permitting
Office of Oil & Gas

1) Date: November 18, 1996
2) Operator's well number: Nina Stump #1 G-29
3) API Well No: 47 - 107 - 1582
State _____ County _____ Permit _____

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served: 5) (a) Coal Operator:
- (a) Name Nina Mae Stump Name _____
Address 1300 37th st Address _____
Parkersburg, WV 26101
- (b) Name _____ (b) Coal Owner(s) with Declaration
Address _____ Name _____
Address _____
- (c) Name _____ Name _____
Address _____ Address _____
- 6) Inspector Glen Robinson (c) Coal Lessee with Declaration
Address _____ Name _____
Address _____
Telephone (304)- 863-3646

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 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)
I certify that as required under Chapter 22-6 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)

INSTRUCTIONS TO SURFACE OWNERS NAMED ABOVE

(Continued on Reverse)

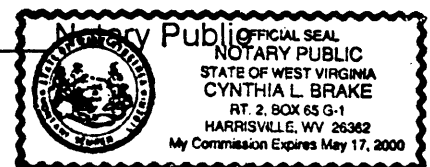
The well operator named below is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months.

Well Operator: Energy Search Inc.
By: [Signature] Carry S. Ranson
Its: Designated Agent
Address 900 Core Road
Parkersburg, WV 26101
Telephone 304-428-1165

Subscribed and sworn before me this 18 day of November, 1996

My commission expires May 17, 2000

Cynthia L. Brake





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

December 2, 1996

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

Re: Application for Permit #47-107-01582 drill deep well.

COMPANY: Energy Search, Inc.

FARM: Stump, Nina Mae #1-G-29

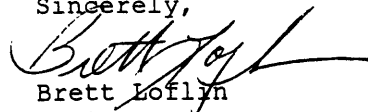
COUNTY: Wood DISTRICT: Lubeck QUAD: Little Hocking

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; *
- 3.) Provided a plat showing that the proposed location is a distance of **400+** 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 Loflyn
Engineer

*2,600' to 47-107-01582
2,800' to 47-107-01053
3,600' to 47-107-01277