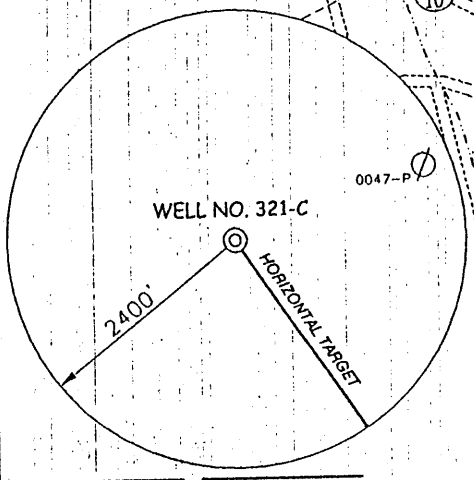
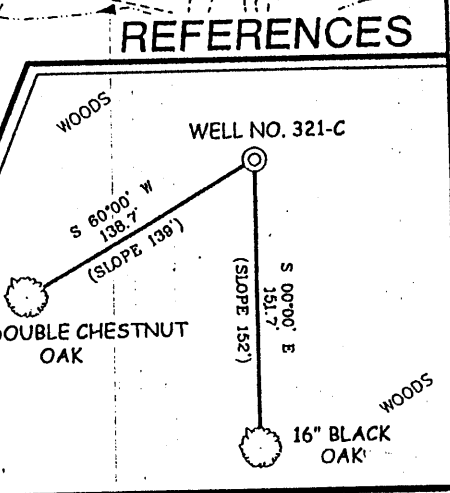
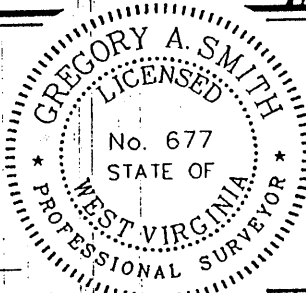


- NOTES ON SURVEY**
1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.
 2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 9/18/02.
 3. TRACT BOUNDARY SHOWN HEREON WAS TAKEN FROM A TRACT DESCRIPTION FOR BCC TRACT 93h, OBTAINED FROM LON JONES OF BEAVER COAL COMPANY.
 4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RALEIGH COUNTY IN AUGUST, 2002.
 5. WELL LAT./LONG. ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).



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.

P.S. 677 Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE SEPTEMBER 19, 20 02
 OPERATORS WELL NO. 321-C
 API WELL NO. 47-81-01293C
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 3639P321CR (133-2, 9 & 16)
 PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 2,387' SCALE 1" = 1000'

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

| | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------------------------------|---------------|-------------------------------------|------------------------------|--------------------------|----------------|--------------------------|-----------------------|-------------------------------------|------------------------|--------------------------|-------------------------|--------------------------|------------------|-------------------------------------|----------------------|--------------------------|-------|--------------------------|
| WELL TYPE | OIL | GAS | <input checked="" type="checkbox"/> | LIQUID INJECTION | <input type="checkbox"/> | WASTE DISPOSAL | <input type="checkbox"/> | IF "GAS" PRODUCTION | <input checked="" type="checkbox"/> | STORAGE | <input type="checkbox"/> | DEEP | <input type="checkbox"/> | SHALLOW | <input checked="" type="checkbox"/> | | | | |
| LOCATION | ELEVATION | <u>2,368'</u> | WATERSHED | TRIBUTARY OF SHOCKLEY BRANCH | | | | | | | | | | | | | | | |
| DISTRICT | <u>TRAP HILL</u> | COUNTY | <u>RALEIGH</u> | QUADRANGLE | <u>LESTER 7.5'</u> | | | | | | | | | | | | | | |
| SURFACE OWNER | <u>BEAVER COAL COMPANY</u> | | | | | | | | | | | ACREAGE | <u>303.58</u> | | | | | | |
| ROYALTY OWNER | <u>BEAVER COAL COMPANY</u> | | | | | | | | | | | LEASE ACREAGE | <u>4,022.29</u> | | | | | | |
| PROPOSED WORK | LEASE NO. _____ | | | | | | | | | | | | | | | | | | |
| DRILL | <input checked="" type="checkbox"/> | CONVERT | <input type="checkbox"/> | DRILL DEEPER | <input type="checkbox"/> | REDRILL | <input type="checkbox"/> | FRACTURE OR STIMULATE | <input checked="" type="checkbox"/> | PLUG OFF OLD FORMATION | <input type="checkbox"/> | PERFORATE NEW FORMATION | <input type="checkbox"/> | PLUG AND ABANDON | <input type="checkbox"/> | CLEAN OUT AND REPLUG | <input type="checkbox"/> | OTHER | <input type="checkbox"/> |
| PHYSICAL CHANGE IN WELL (SPECIFY) | _____ | | | | | | | | | | | TARGET FORMATION | <u>POCAHONTAS NO. 3</u> | | | | | | |
| _____ | | | | | | | | | | | ESTIMATED DEPTH | <u>1,300'</u> | | | | | | | |

WELL OPERATOR ENERGY SEARCH, INC. DESIGNATED AGENT DAVE PERKINSON
 ADDRESS ROUTE 11, BOX 41 ADDRESS 377 EASTVIEW DRIVE
MARIETTA, OH 45750 PARKERSBURG, WV 26104

6-6 (10)

COUNTY NAME RALEIGH
 PERMIT 1293C

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

Art

Well Operator's Report of Well Work
Farm name BEAVER COAL Operator Well No. #321-C

LOCATION: Elevation: GL 2368' Quadrangle: LESTER

District: TRAP HILL County: RALEIGH
Surface Latitude: 1100 Feet South of 37 Deg. 45 Min. 00 Sec.
Surface Longitude: 7750 Feet West of 81 Deg. 15 Min. 00 Sec.

Company: ENERGY SEARCH, INC.

| | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|--|-----------------|------------------|-----------------------------------|------------------------|
| Address: <u>88 Products Lane, Marietta, Ohio 45750</u> | 16" | 24' | 24' | |
| Agent: <u>Dave Perkinson</u> | 11 3/4" | 339' | 339' | 157sks |
| Inspector: <u>Rick Campbell</u> | | | | |
| Date Permit Issued: <u>10/28/2002</u> | 7 5/8" | 2053'MD | 2053'MD | 248sks |
| Date Well Work Commenced: <u>04/02/2003</u> | | | | |
| Date Well Work Completed: <u>04/28/2003</u> | 5 1/2" | 1320'MD | Pulled Out | |
| Verbal Plugging: | | | | |
| Date Permission granted on: | 2 3/8" tubing | | 1890'MD to 1941'MD w/sub & anchor | |
| Rotary XX Cable Rig | | | | |
| Total Depth (feet) TD Branch 1 @ 3371'MD, 921'TVD, VS 2578, South 2007', East 1629' TD Branch 2 @ 2782'MD, 932'TVD, VS 1964, South 693', East 1838' TD Branch 3 @ 4300'MD, 915'TVD, VS 3382, South 3164', East 1377' | | | | |
| Fresh Water Depth (ft.): <u>N/A</u> | | | | |
| Salt Water Depth (ft) <u>N/A</u> | | | | |
| Is coal being mined in area (N/Y)? <u>No</u> | | | | |
| Coal Depths (ft.): | | | | |

RECEIVED
Office of Oil & Gas
Office of Chief
MAY 12 2004
WV Department of Environmental Protection

OPEN FLOW DATA

Producing formation: Poca #3 Pay zone depth (ft) 915 -932 TVD
Gas: Initial open flow: MCF/d Initial open flow Bbl/d
Final open flow: 32 MCF/d Final open flow 350 Bbl/d Water
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 WELL BORE.

Signed: [Signature]
By: Geologist
Date: 05/11/2004

RAL 1293
MAY 10 2004