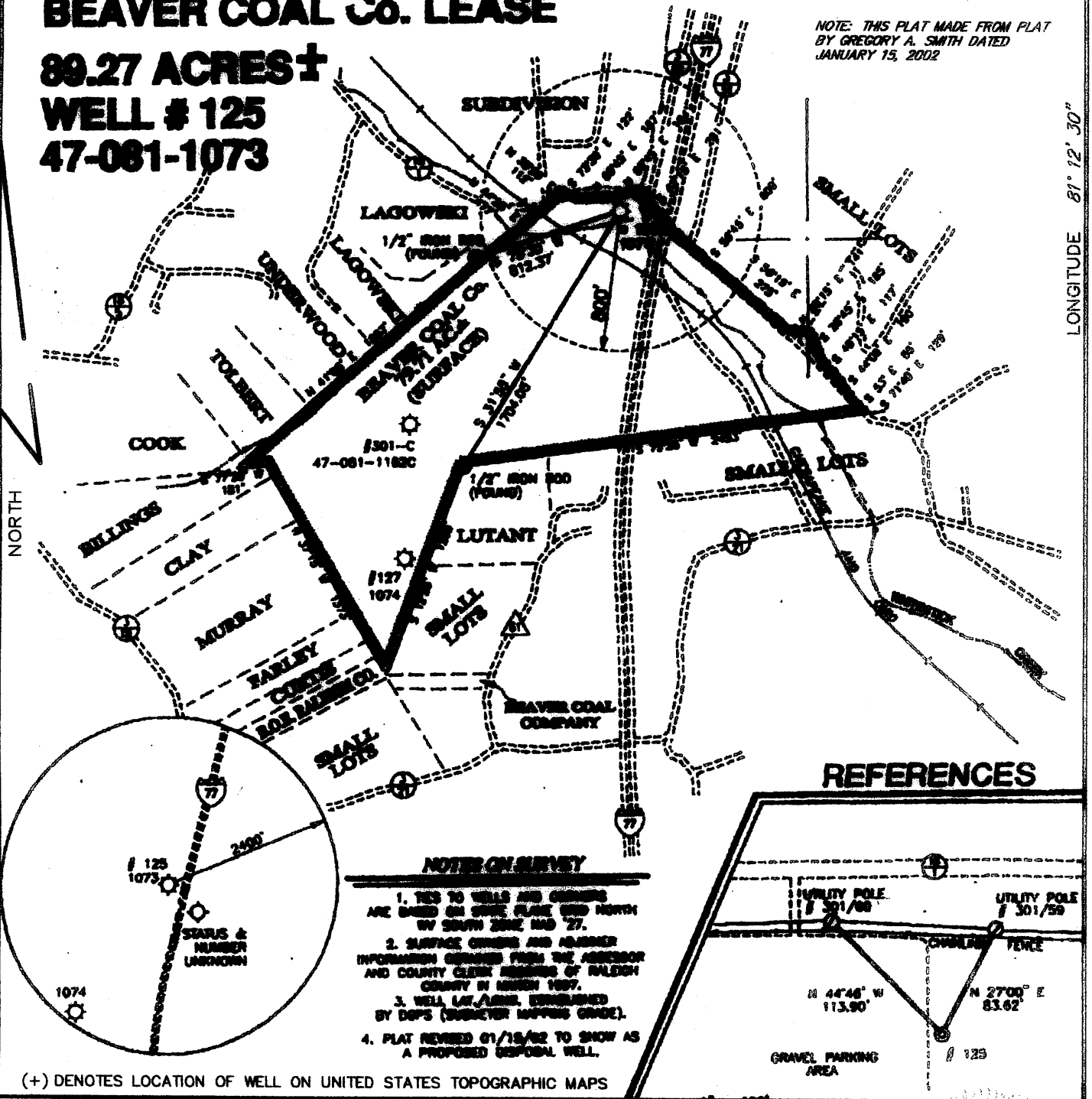


BEAVER COAL Co. LEASE

89.27 ACRES ±
WELL # 125
47-081-1073

4020' W
 LATITUDE 37° 47' 30"

NOTE: THIS PLAT MADE FROM PLAT BY GREGORY A. SMITH DATED JANUARY 15, 2002



NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GROUND PLATS USED NORTH WV SOUTH ZONE MAG 27.
2. SURFACE CORNERS AND NUMBER INFORMATION OBTAINED FROM THE ADJACENT AND COUNTY CLERK RECORDS OF RALEIGH COUNTY IN APRIL 1997.
3. WELL LOC./AZIM. ESTABLISHED BY DOPS (SUBJECT MATTER MAPS GRADE).
4. PLAT REVISED 01/15/02 TO SHOW AS A PROPOSED DISPOSAL WELL.

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

FILE NO. 09007
 DRAWING NO. _____
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION PLAT BY GREGORY SMITH
DATED JANUARY 15, 2002

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 ENVIRONMENTAL PROTECTION.
 (SIGNED) _____
 R.P.E. _____ L.L.S. 1956

PLACE SEAL HERE

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



DATE MARCH 9, 20 09
 OPERATOR'S WELL NO. BEAVER # 125
 API WELL NO.

47 081 01073-P
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 2322 WATERSHED TRIBUTARY OF WHITESTICK CREEK
 DISTRICT TOWN COUNTY RALEIGH
 QUADRANGLE BECKLEY 7.5'

SURFACE OWNER BEAVER COAL COMPANY LIMITED ACREAGE 79.71
 OIL & GAS ROYALTY OWNER BEAVER COAL COMPANY LIMITED LEASE ACREAGE 89.27
 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) _____

JUN 26 2009

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION _____ ESTIMATED DEPTH _____
 WELL OPERATOR EXCO - NORTH COAST ENERGY EASTERN DESIGNATED AGENT SHARON BARTH
 ADDRESS P.O. BOX 8 ADDRESS 707 VIRGINIA STREET EAST
RAVENSWOOD, WV 26164 CHARLESTON, WV 25314

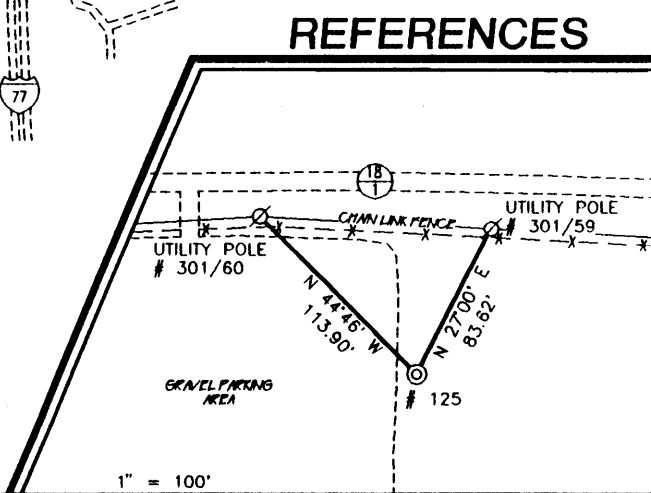
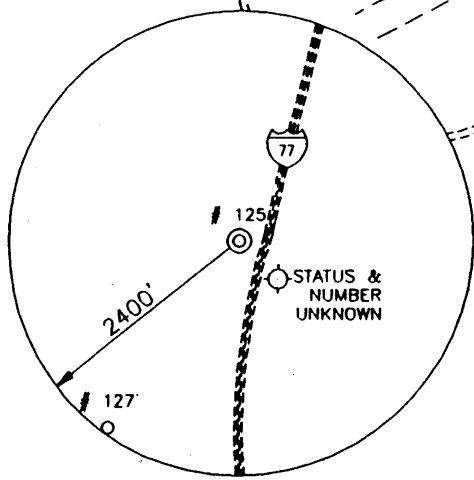
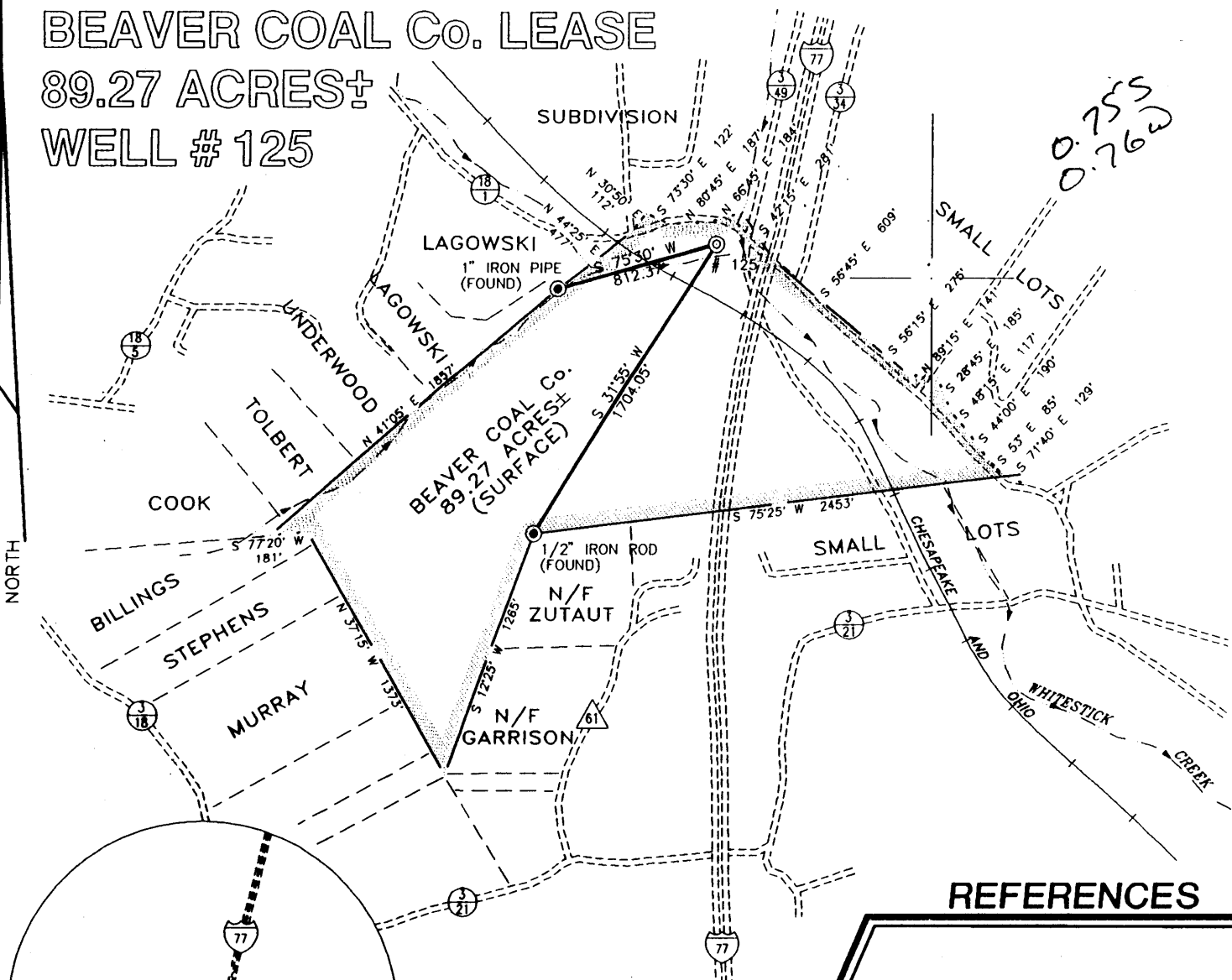
FORM WW-8

COUNTY NAME
 RAL
 PERMIT
 1073

BEAVER COAL Co. LEASE

89.27 ACRES±

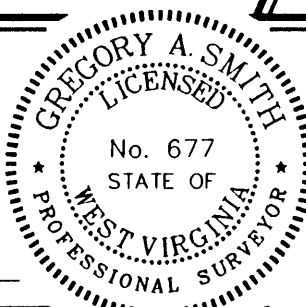
WELL # 125



SLS COORD. FILE: 3639A.CRD

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.

P.S. 677 *Gregory A. Smith*



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

DATE APRIL 14, 19 97
 OPERATORS WELL NO. BEAVER # 125
 API WELL NO. 47-081-01073
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3639P125 (60-28)
 PROVEN SOURCE OF ELEVATION BENCH MARK ELEVATION 2344'
 SCALE 1" = 800'

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

WELL TYPE : OIL GAS INJECTION WASTE DISPOSAL "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION :
 ELEVATION 2322' WATERSHED TRIBUTARY OF WHITESTICK CREEK
 DISTRICT TOWN COUNTY RALEIGH QUADRANGLE BECKLEY 7.5'

SURFACE OWNER BEAVER LAND Co. ACREAGE 89.27
 ROYALTY OWNER BEAVER LAND Co. LEASE ACREAGE 89.27

PROPOSED WORK :
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BIG LIME & WEIR
 ESTIMATED DEPTH 3800'

WELL OPERATOR ENERGY SEARCH, Inc. DESIGNATED AGENT CARRY S. PERSON **APR 28 1997**
 ADDRESS 280 SANDERS W. Blvd. SUITE 200 ADDRESS 900 CORE ROAD
KNOXVILLE, TENNESSEE 37922 PARKERSBURG, WV 26101

COUNTY NAME PERMIT

WR-35

18-Apr-97
API # 47- 81-G1073

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

Well Operator's Report of Well Work

Farm name: BEAVER COAL COMPANY, LTD Operator Well No.: BEAVER #125

LOCATION: Elevation: 2,322.00 Quadrangle: BECKLEY

District: TOWN County: RALEIGH
Latitude: 3890 Feet South of 37 Deg. 47Min. 30 Sec.
Longitude 4020 Feet West of 81 Deg. 12 Min. 30 Sec.

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

Agent: CARRY S. RANSON

Inspector: RODNEY DILLON
Permit Issued: 04/18/97
Well work Commenced: 04/21/97
Well work Completed: 03/20/98
Verbal Plugging
Permission granted on: n/a
Rotary XX Cable Rig
Total Depth (feet) 3560'
Fresh water depths (ft) 156'
Salt water depths (ft) 2950'

Is coal being mined in area (Y/N)? N
Coal Depths (ft): no record

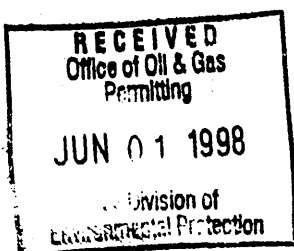
Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
12 3/4"	12'	12'	
9 5/8"	178'	178'	112
7"	930'	930'	224
4 1/2"	3526'	3526'	236

OPEN FLOW DATA

Producing formation Maxton "C", Ravencliff Pay zone depth (ft) see back
Gas: Initial open flow show MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 50 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 160 psig (surface pressure) after 72 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: Mike Murney
ENERGY SEARCH, INC.
By: Chief Operating Officer
Date: _____

JUN 08 1998

RA 2 1073

Lower Weir: Perfs: 3486' - 90' (8), Breakdown with 500 gal. 15% HCl @ 3600 psi. 75Q Foam Frac. - 21,450# 20/40 sand; 89 bbl total fluid: 20 BPM; 17,000 SCF N₂:ATP 1517 psi; ISIP 1201 psi, 10 min., SIP 958 psi. Formation Wet.

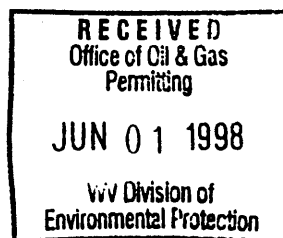
Upper Weir: Perfs: 3376' - 79' (6), 3383' - 85' (4), Breakdown with 500 gal. 15% HCl @ 1670 psi. 75Q Foam frac: 21,300 # 20/40 sand; 89 bbl total fluid 144,000 SCF N₂; 20 BPM; ATP 1434 psi; ISIP 1057 psi; 10 min. SIP 804 psi. Formation wet.

Big Lime: Perfs: 2768' - 71', (6), 2776' - 78' (4), 2780' - 84' (8), 2804; - 08' (4), Acidize with 5000 gal 15% HCl with N₂ Assist - 93,000 SCF. Breakdown @ 234 psi; ATP 1318 psi, ISIP/019 psi, 10 min . SIP 548 psi. Formation Wet.

Set CIBP @ 2820' - Squeeze off Big Lime Perfs. with 35 sks. Class "A" Cement.

Maxton "C": Set CIBP @ 2205' - Perfs: 2133' - 37' (9). Breakdown with 500 gal. 15% HCl. - 75Q Foam Frac. - BD 2500 psi. ATP 2092 psi; ISIP 2003 psi. Pumped 1# sand stage & got 2 bbl into 2# sand stage when backside circulated. Got away 7600# 20/40 sand, total fluid 48 bbl; 112,000 SCF N₂.

Ravencliff: Perfs: 1561' - 68' (15) Breakdown with 250 gal. 15% HCl @ 3540 psi. Ball out with 250 gal 15% HCl to 4100 psi. 75Q foam frac; 16 BPM; 155 bbl total fluid; 16,800# 20/40 sand; 196,000 SCF N₂; Max TP 3770 psi; ATP 2700 psi; ISIP 3350psi; 15 min. SIP 2850psi.



RECEIVED
WV Division of
Environmental Protection
1997

1) Date: _____
2) Operator's well number
Beaver Coal #125
3) API Well No: 47 - 081 - 1073
State County Permit

Permitting
Office of Oil and Gas
**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 Beaver Coal Co. Ltd. Name _____
Address P.O. Box 1537 Address _____
Beckley, WV 25802
(b) Name _____ (b) Coal Owner(s) with Declaration
Address _____ Name Beaver Coal Co. Ltd.
Address P.O. Box 1537
Beckley, WV 25802
(c) Name _____ Name _____
Address _____ Address _____
6) Inspector Rod Dillion (c) Coal Lessee with Declaration
Address Box 131 Name Pine Valley Coal Co.
Bradley, WV 25818 Address P.O. Box 1447
Telephone (304)-465-1911 Crab Orchard, WV 25827

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 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 22-6 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: [Signature] Carry S. Ranson
Its: Designated Agent
Address 900 Core Road, Parkersburg, WV 26101
Telephone 304-428-1165

Subscribed and sworn before me this 14th day of April, 1997

My commission expires May 17, 2000 [Signature] Notary Public

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

081 1073

- 1) Well Operator: Energy Search Inc. 507 75923 (6) 234
- Operator's Well Number: Beaver #125 3) Elevation: 2322'
- Well type: (a) Oil ___ / or Gas xx
(b) If Gas: Production xx Underground Storage ___ /
Deep ___ / Shallow ___ /
- Proposed Target Formation(s): Weir, Big Lime, Maxton, Ravencliff.
- Proposed Total Depth: 3800 feet
- 7) Approximate fresh water strata depths: 100 ft.
- 8) Approximate salt water depths: _____
- 9) Approximate coal seam depths: 660, 795
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No ___
- 11) Proposed Well Work: Drill & Stimulate New Well
- 12)

Issued 04/18/97
Expires 04/18/99

RECEIVED
West Virginia Division of Environmental Protection
Office of Oil & Gas Permitting
APR 19 1997

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor					380 CSR	H. 3.
Fresh Water	9-5/8	32#		130 125	130 125	4 cement to surface
COAL Intermediate	7"	17#		900	900	125 sks to surf. 30 CSR 18-11.2
Production	4 1/2"	10.5#		3800	3800	200 sks or as req. 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 _____ Agent
(Type)