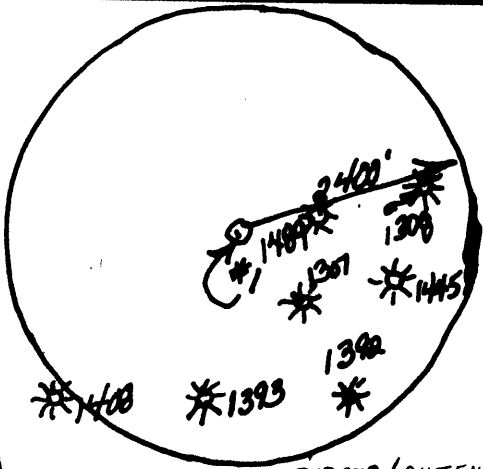


BURGER, LEASE 44.72 of 82.72 AC. ±

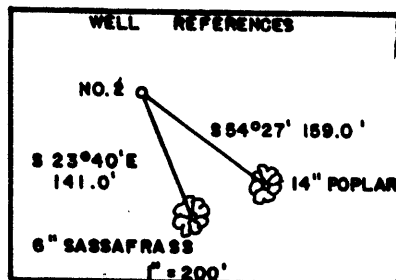
LATITUDE 39°25'00"

ET AL

*James
10/6/93*

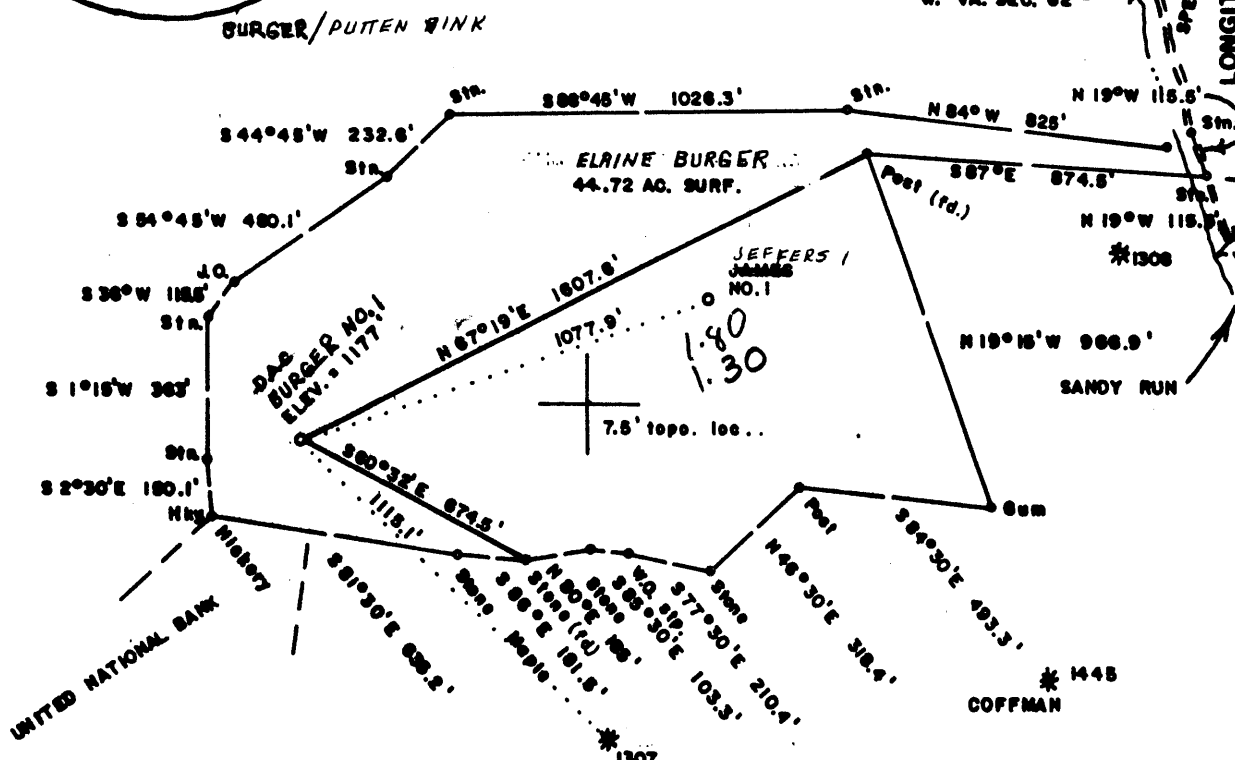
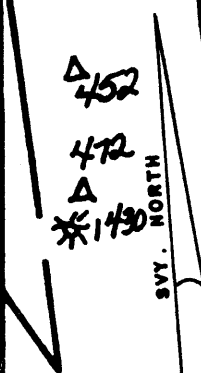


*1448



LONGITUDE 80°45'00"

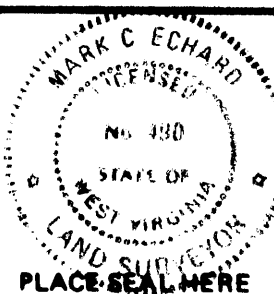
9380' S



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION B.M. NORTH OF LEASE ELEV. = 733'

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 MINES.

(SIGNED) Mark C. Echard
MARK C. ECHARD
 R.P.E. _____ L.L.S. 490



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-8 (8-78)



DATE NOVEMBER 21, 19 91
 OPERATOR'S WELL NO. BURGER'S NO.
 API WELL NO. 47-095-1544
 STATE 47 COUNTY 095 PERMIT 1544

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "LIQUID INJECTION" STORAGE DEEP CHALLENGE)

LOCATION: ELEVATION 1177' WATER SHED SANDY RUN
 DISTRICT McELROY 5 COUNTY TYLER
 QUADRANGLE SHIZLEY 7.5' W.U. CC

SURFACE OWNER ELAINE BURGER & PUTTEN BANK ACREAGE 44.72 of 82.72
 OIL & GAS ROYALTY OWNER ELAINE BURGER, M. PUTTEN BANK LEASE ACREAGE 44.72 of 82.72
 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) _____

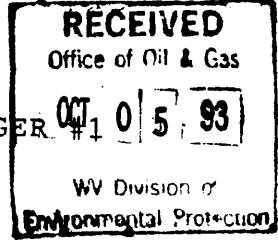
JUN 11 1993

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION GORDON ESTIMATED DEPTH 2990'
 WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON
 ADDRESS P.O. BOX 99 ALMA, W. VA. 26302 ADDRESS P.O. BOX 99 ALMA, W. VA. 26302

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

Permitting
Office of Oil & Gas

Well Operator's Report of Well Work



Farm name: BURGER, ELAINE Operator Well No.: BURGER #1

LOCATION: Elevation: 1,177.00 Quadrangle: SHIRLEY

District: MCELROY County: TYLER
Latitude: 9380 Feet South of 39 Deg. 25Min. Sec.
Longitude 6880 Feet West of 80 Deg. 45 Min. Sec.

Company: DRILLING APPALACHIAN CORP
P. O. BOX 99
ALMA, WV 26320-0099

Agent: KENNETH R. MASON

Inspector: MIKE UNDERWOOD
Permit Issued: 06/07/93
Well work Commenced: 06/11/93
Well work Completed: 06/14/93

Verbal Plugging
Permission granted on:
Rotary XX Cable Rig
Total Depth (feet) 2404'
Fresh water depths (ft) 60'
Salt water depths (ft) 1669'

Is coal being mined in area (Y/N)? N
Coal Depths (ft):

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft. to surface
9 5/8"	130'	130'	to surface
7"	2030'	2030'	to surface

OPEN FLOW DATA

Producing formation Big Injun Sandstone Pay zone depth (ft) 2170-2314
Gas: Initial open flow show MCF/d Oil: Initial open flow 0 Bbl/
Final open flow 459 MCF/d Final open flow 0 Bbl/
Time of open flow between initial and final tests 36 Hour
Static rock Pressure 125 psig (surface pressure) after 24 Hour

Second producing formation Pay zone depth (ft)
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/
Final open flow MCF/d Final open flow Bbl/
Time of open flow between initial and final tests Hour
Static rock Pressure psig (surface pressure) after Hour

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATE INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WEL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: DRILLING APPALACHIAN CORP.
By: [Signature] 06/14/93
Date: 7/1/93

Reviewed TME
Recorded

GEOLOGICAL WELL RECORD DATA

WELL NAME: Burger #1
 PERMIT NUMBER: 47- 95-01544

FORMATION	TOP	BOTTOM	COMMENTS & NOTES
Yellow Clay	0	5	
Sandy Shale	5	10	
Red Shale	10	20	
Sandstone	20	25	
Red Shale	25	155	
Sand	155	275	
Shale	275	450	
Sand	450	477	
Shale	477	534	
Sand	534	601	
Shale	601	663	
Limestone	663	689	
Shale	689	714	
Sand	714	742	
Shale	742	823	
Sand	823	838	
Shale	838	922	
Sand	922	989	
Shale	989	1031	
Sand	1031	1088	
Shale	1088	1097	
Sand	1097	1151	
Shale	1151	1207	
Sand	1207	1274	
Shale	1274	1312	
Sand	1312	1368	
Shale	1368	1444	
Sand	1444	1489	
Shale	1489	1650	
Sand	1650	1690	water 1669
Shale	1690	1725	
Sand	1725	1797	
Shale	1797	1852	
Sand	1852	1905	
Shale	1905	1995	
Red Shale	1995	2020	
Sand	2020	2052	
Little Lime	2052	2065	
Shale	2065	2100	
Big Lime	2100	2171	
Big Injun	2171	2254	show gas
Pocono Sand	2254	2314	
Pocono Shale	2314	2404	

DF- 372

DFT- 371

17322

095-1544
 issued 06/07/93
 Page of
 Expires 06/07/95

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

- 1) Well Operator: DRILLING APPALACHIAN CORPORATION 14425 (S) 606
- 2) Operator's Well Number: BURGER #1 3) Elevation: 1177'
- 4) Well type: (a) Oil / or Gas /
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow /
- 5) Proposed Target Formation(s): 49 Gordon
- 6) Proposed Total Depth: 3200' feet
- 7) Approximate fresh water strata depths: _____
- 8) Approximate salt water depths: _____
- 9) Approximate coal seam depths: _____
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: Drill, Perforate, Stimulate new formation
- 12) _____

CASING AND TUBING PROGRAM

New Well

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	9-5/8"		26#	120'	120'	CTS
Fresh Water						
Coal						
Intermediate	7"	J-55	17#	2090'	2090'	38CSR18-11.2.2
Production	3 1/2"	J-55	9.2#	3100'	3100'	38CSR18-11.1
Tubing						
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

8711/10
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond LC Blanket Agent

1) Date: JUNE 1, 1993
2) Operator's well number
BURGER #1
3) API Well No: 47 - 095 - 1544
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

<p>4) Surface Owner(s)-to be served:</p> <p>(a) Name <u>ELAINE BURGER</u> Address <u>PO BOX 122</u> <u>SHIRLEY WV 26434</u></p> <p>(b) Name <u>MARILYN PUTTEN WINK</u> Address <u>18 LONGSTREAK RD.</u> <u>NEWFOUNDLAND, NJ 07435</u></p> <p>(c) Name _____ Address _____</p>	<p>5) (a) Coal Operator:</p> <p>Name _____ Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name _____ Address _____</p> <p>Name _____ Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name _____ Address _____</p>
<p>6) Inspector <u>MIKE UNDERWOOD</u> Address <u>RTE 2, BOX 135</u> <u>SALEM WV 26426</u> Telephone (304)- <u>782-1043</u></p>	

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
x 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:

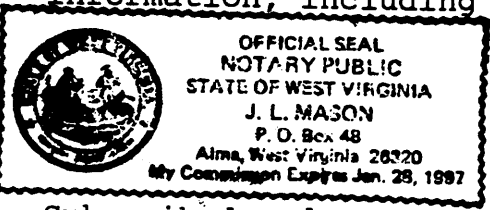
- _____ Personal Service (Affidavit attached)
- _____ Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

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 DRILLING APPALACHIAN CORP.
By: Kenneth R. Mason
Its: PRESIDENT
Address PO BOX 99, ALMA, WV 26320
Telephone 304/758-4638



Subscribed and sworn before me this 1st day of June, 1993

My commission expires 1/28/97

Notary Public