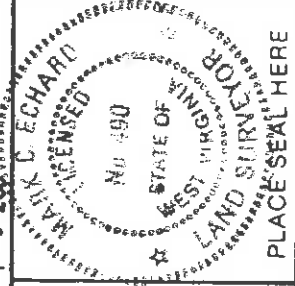
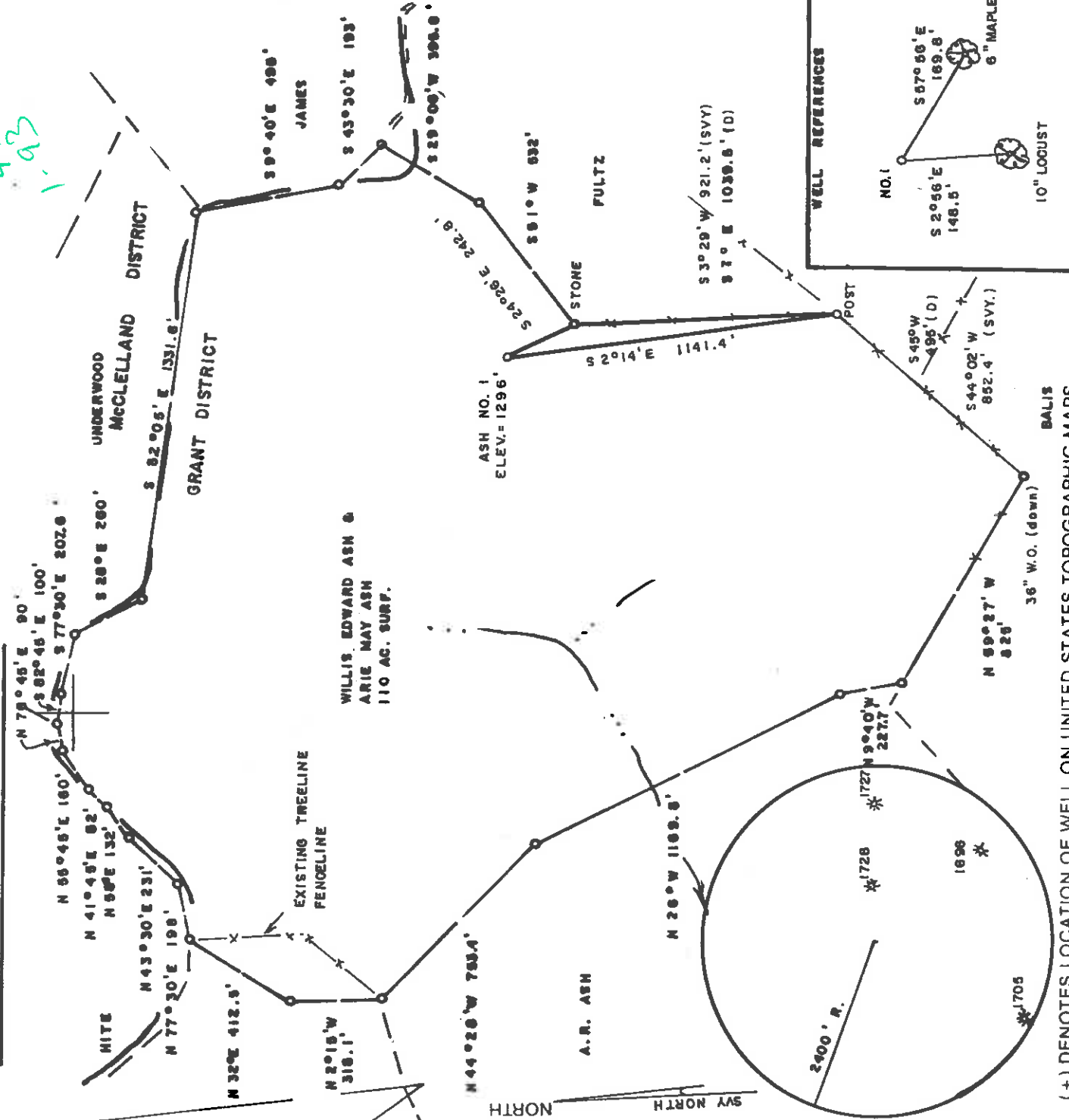


ASH LEASE 110 AC.

LATITUDE 39° 20' 00"
LONGITUDE 80° 35' 00"

44
43
1.



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) Mark C. Edward
R.P.E. L.L.S. 490

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION TOP OF KNOB EAST
SIDE OF LEASE ELEV. = 1386'

STATE OF WEST VIRGINIA
Division of Environmental Protection
OFFICE OF OIL AND GAS

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1296' WATER-SITED RETURN

DISTRICT GRANT COUNTY DODDRIDGE
QUADRANGLE SALEM 7.5'
SURFACE OWNER WILLIS EDWARD ASH
OIL & GAS ROYALTY OWNER MIKE UNDERWOOD, et ux, et al 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) _____

LEASE NO. _____
PLUG AND ABANDON CLEAN OUT AND REPLUG _____
TARGET FORMATION BENSON ESTIMATED DEPTH 5200'
WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON
ADDRESS P.O. BOX 99 ALMA, WV 26320

DATE JUNE 8, 2001
OPERATOR'S WELL NO. ONE
API WELL NO. 47-017-04611 STATE COUNTY PERMIT

COUNTY NAME DODD PERMIT 4611

JUN 15 2001
6-6-99

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

Reviewed As P

Well Operators Report of Well Work

Farm name: _____ Ash _____ Operator Well # _____ Ash #1 _____

Location: _____ Elevation: 1296' _____ Quadrangle: Salem

District: Grant County: Doddridge
Latitude: 2,340 feet south of 39 Deg. 20 Min. 00 Sec.
Longitude: 10,220 feet west of 80 Deg. 35 Min. 00 Sec.

Company: Drilling Appalachian Corporation
P.O. Box 99
Alma WV 26320

Agent: Kenneth Mason Casing _____ Used in _____ Left in _____ Cement _____
Drilling _____ Well _____ Fill up _____

Inspector: Mike Underwood
Permit Issued: 06-1308-01 113/4 235 220 100sk
Well Work Commenced: 06-25-01 8 5/8 1625 1591 330 sks
Well Work Completed: 07-14-01 4 1/2 5535 5438 671 sks

Verbal Plugging.
Permission granted on:
Rotary _____ Cable _____ Rig _____
Total Depth (ft) 5535'
Fresh water depth (ft) 205'
Salt water depth (ft) N/A
Is coal being mined in are (Y/N): N
Coal depths (ft) 906'-912'

OPEN FLOW DATA

Producing formation Benson
Gas: Initial open flow show mcf/d
Final open flow 189 show mcf/d
Time of open flow between initial and final tests
Static rock pressure 1450# psig (surface pressure) after

Other producing formation.
Gas: Initial open flow mcf/day Oil
Final open flow mcf/day
Time of open flow between initial and final tests
Static rock pressure psig (surface pressure) after

Pay zone depths (ft) 5250-5256
Initial open flow bbls/day
Final open flow bbls/day
48 Hours
48 Hours

Pay zone depths (ft)
Initial open flow bbls/day
Final open flow bbls/day
48 Hours
48 Hours

RECEIVED
Office of Oil & Gas
Permitting
JUL 30 2001
WV Department of
Environmental Protection

For: Drilling Appalachian Corporation

By: David H. Murray
Date: 07-18-01

AUG 03 2001

Ash #1
07-17-01

Stage #1	perfs	seal	avg rate	isp
Benson	5251-5256	300 sks	24 bpm	2730#

Dillers Log

Sh	0	87	
Sd	82	105	
Sd/Sh	105	230	
RR	230	450	
Sd/Sh	450	906 damp @ 205'	
Coat	906	912	
Sd/Sb	912	1860	
Sd	1832	1860	
Sd/Slr	1860	2189	
Lime	2189	2225	
Sh	2225	2740	
Lime	2240	2326	
Sd	2326	2460 gas ck @ 2439 r/s	
Sd/Sb	2460	3070 gas ck @ 3060 r/s	
Sd	3070	3105	
Sh	3105	3650 gas ck @ 3152 odor	
Sd	3650	3694	
Sh	3690	5320	
Sd	5320	5328	
Sd/Sh	5328	5535 gas ck @ td odor	
Td	5535		

Electric Log Tops

Big Lime	2186
Berea	2696
Gordon	2901
Benson	5248