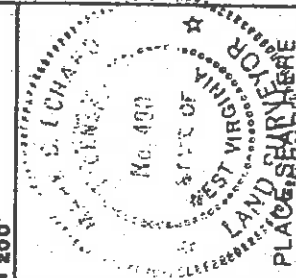
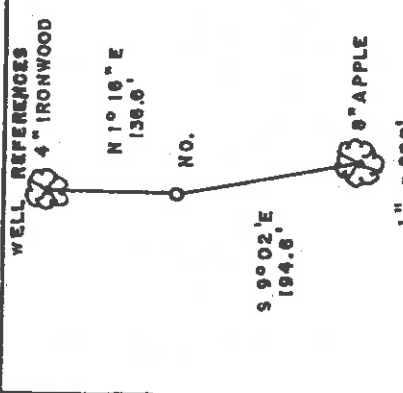
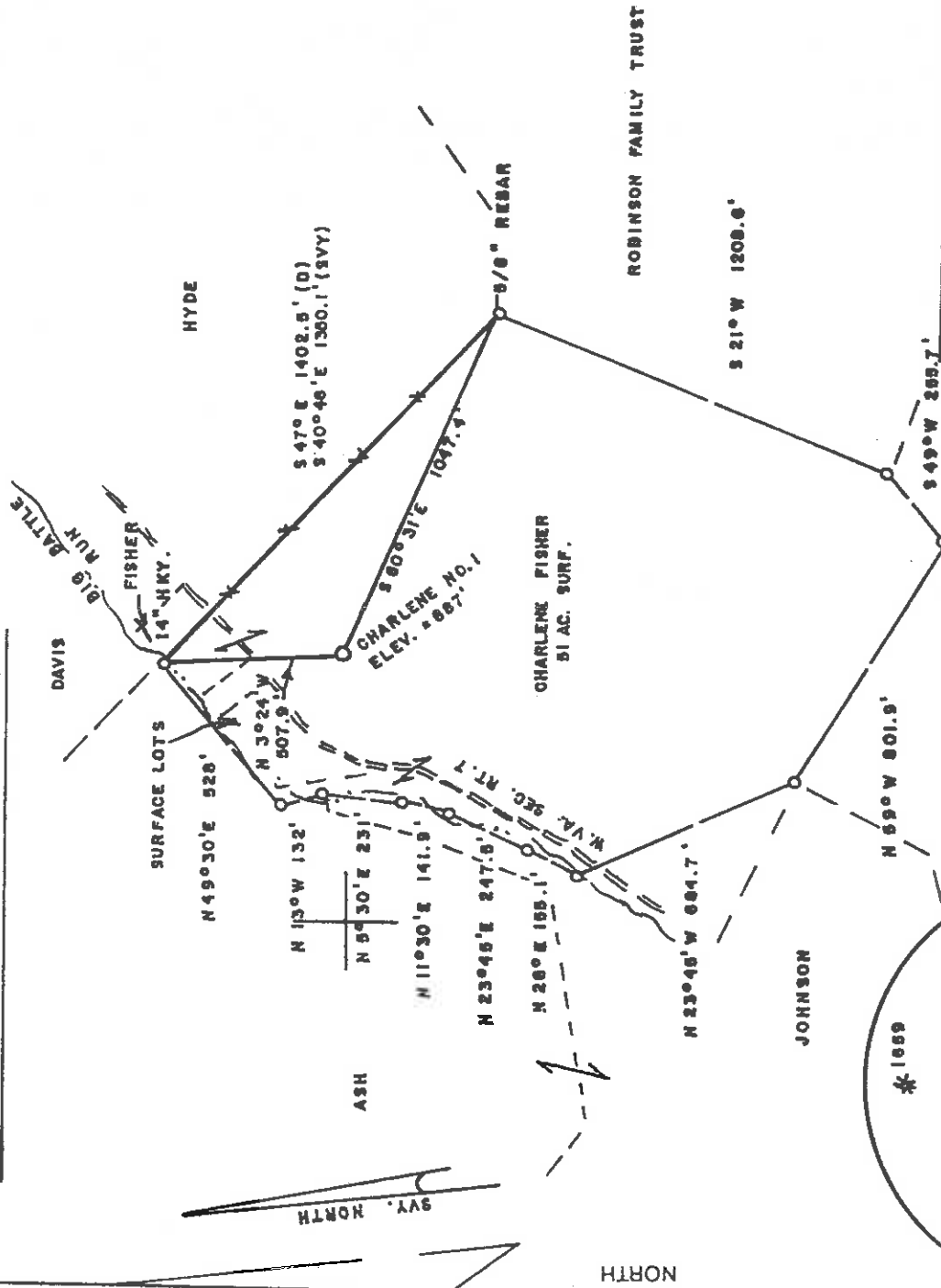


WELCH LEASE 52.8 AC.

LATITUDE 39°22'30"

LONGITUDE 80°35'00"



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. Eckhard
 R.P.E. _____ L.L.S. 490

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION JCT. OF ROAD
 SOUTH OF LEASE ELEV. = 900'

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

DATE JANUARY 27, 2004
 OPERATOR'S WELL NO. CHARLENE NO. 1
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW PERMIT

LOCATION: ELEVATION 887' WATERSHED BIG BATTLE RUN COUNTY DODDRIDGE
 DISTRICT MC CLELLAND

SURFACE OWNER CHARLENE FISHER ACREAGE 51
 OIL & GAS ROYALTY OWNER MARY MAXINE WELCH LEASE ACREAGE 52.8
 QUADRANGLE SALEM

PROPOSED WORK: DRILL CONVERT DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG _____
 TARGET FORMATION GORDON ESTIMATED DEPTH 3800'
 WELL OPERATOR D.A.C. DESIGNATED AGENT MR. KENNETH MASON
 ADDRESS P.O. BOX 99 ALMA, WV 26320

DATE JANUARY 27, 2004 STATE WV COUNTY DODDRIDGE PERMIT NO. 04790

COUNTY NAME Dodd PERMIT 4790

6-6 SMITHTON-FLINT-SELALIA (9A)

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

DSY

Well Operator's Report of Well Work

Farm name: Fisher

Operator Well No.: Charlene #1

LOCATION: Elevation: 887'

Quadrangle: Salem 7.5'

District: McClelland

County: Doddridge

Latitude: 11,650 Feet South of

39 Deg. 40 Min. 00 Sec.

Longitude 6,650 Feet West of

80 Deg. 27 Min. 30 Sec.

Company:

Drilling Appalachian Corporation

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 99 Alma WV 26320	9 5/8	235	215	75 sks
Agent: Kenneth Mason				
Inspector: Mike Underwood	6 5/8	1225	1185	195 sks
Date Permit Issued: 02/09/2004				
Date Well Work Commenced: 02/23/04	4 1/2	3081	2876	190 sks
Date Well Work Completed: 02/29/04				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable				
Rig				
Total Depth (feet): 3081'				
Fresh Water Depth (ft.): 25'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				

OPEN FLOW DATA

Producing formation Gordon

Pay zone depth (ft) 2494-2600

Gas: Initial open show

MCF/d Oil: Initial open flow Bbl/d

Final open flow 180

MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 225# psig (surface pressure) after 48 Hours

Second producing formation Big Injun

Pay zone depth (ft) 1860 - 1980

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

* = commingled zones

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.

Signed:

By: Keith A. P. Johnson

0000 4790

RECEIVED
Office of Oil & Gas
Office of Chief

MAR 26 2004

WV Department of
Environmental Protection

Charlene #1
03-08-04

Stage #1	perts	sand	avg tate	isip
Gordon 5 th	2552-2770 15 holes	175 sks	20 bpm	1919#
Stage #2				
Big Injun	1874-1944	275 sks	28 bpm	2045#

Drillers Log

Sh	0	10
Sd/Sh	10	225
Sd	225	250
Sd/Sh	255	910
Sd	910	1100
Sd/Sh	1100	1400
Sd	1400	1565
Sd/Sh	1565	1600
Sh	1600	1765
Lime	1765	1850
Sd	1850	1970
Sd/Sh	1970	2450
Sd	2450	2460
Sd/Sh	2460	2540
Sd	2540	2550
Sd/Sh	2550	2750
Sd	2750	2760
Sd/Sh	2760	3081
Td	3081	

Electric Log Tops

Big Lime	1768
Berea	2100
Gordon	2524