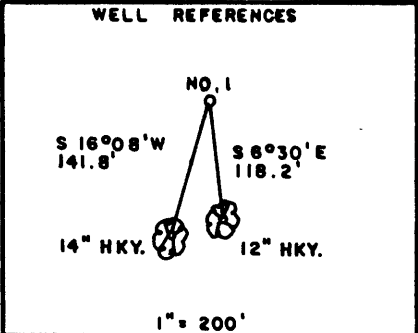
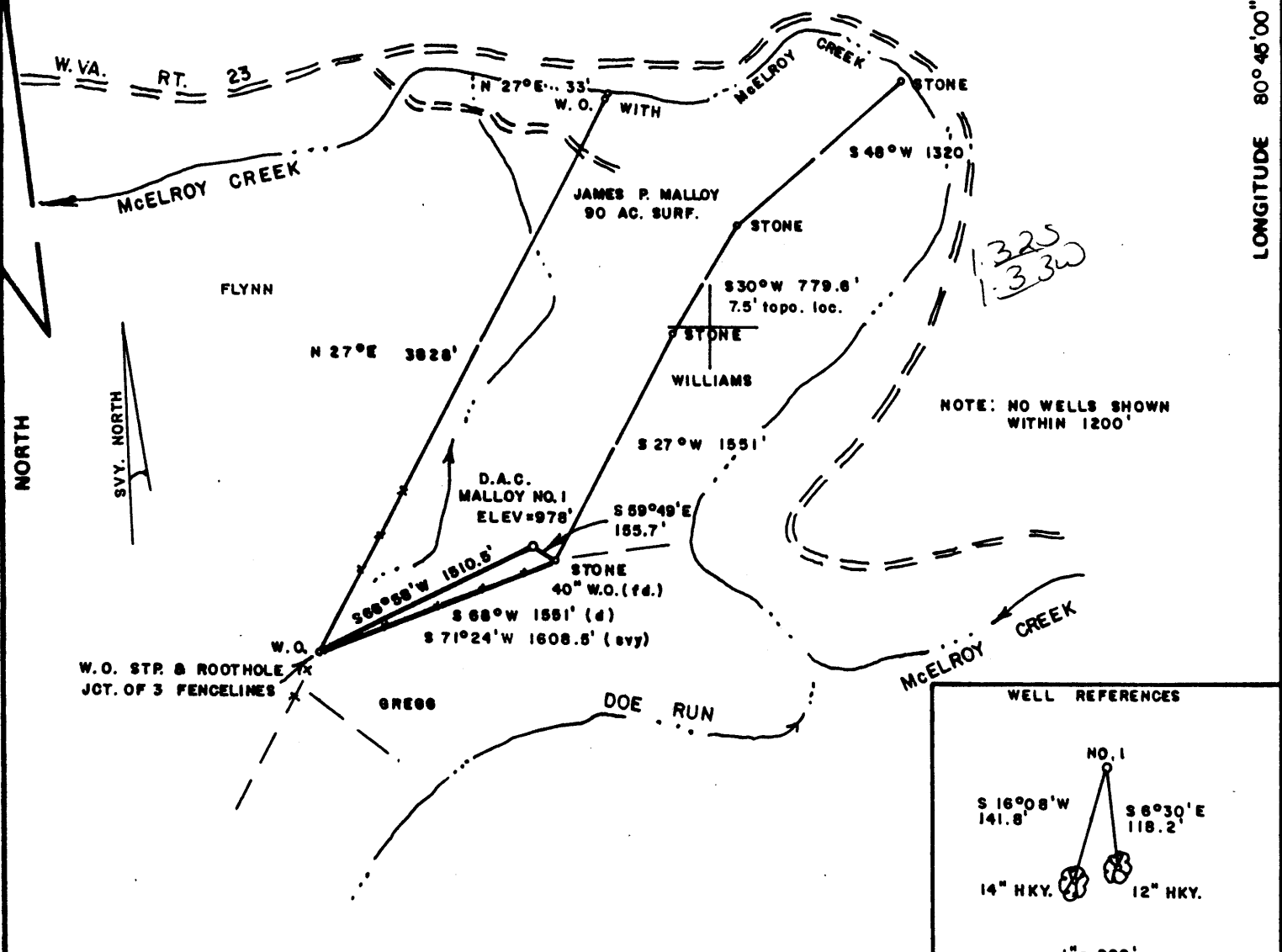


MALLOY LEASE 90 AC. ±

LATITUDE 39°25'00"

LONGITUDE 80°45'00"



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION B.M. NORTH OF _____
 LOC. ELEV. = 737'

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

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE OCTOBER 22, 19 93
 OPERATOR'S WELL NO. MALLOY NO. 1
 API WELL NO. 47-095-1562
 STATE TYLER COUNTY TYLER PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS.") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 978' WATER SHED McELROY CREEK
 DISTRICT McELROY COUNTY TYLER
 QUADRANGLE SHIRLEY 7.5' WV EC
 SURFACE OWNER JAMES P. MALLOY ACREAGE 90
 OIL & GAS ROYALTY OWNER JAMES P. MALLOY, ET AL LEASE ACREAGE 90
 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) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION GORDON ESTIMATED DEPTH 2900'
 WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON
 ADDRESS P.O. BOX 99 ADDRESS P.O. BOX 99
ALMA, W.VA. 26320 280 ALMA, W.VA. 26320

NOV 20 1993

RP

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

Well Operator's Report of Well Work

Farm name: Malloy #1

Operator Well No.: Malloy #1

LOCATION: Elevation: 978'

Quadrangle: Shirley 7.5'

District: McElroy

Latitude: 6,900

Longitude 7.500

Feet South of

Feet West of

County: Tyler

39 Deg. 25 Min. 00 Sec.

80 Deg. 45 Min. 00 Sec.

Company: Drilling Appalachian Company

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address:				
P.O. Box 99 Alma WV 26320	11 3/4	120	120	70sks
Agent: Kenneth Mason				
Inspector: Mike Underwood	8 5/8	1847	1847	450sks
Date Permit Issued: 04/28/05				
Date Well Work Commenced: 06/05/05	4 1/2	2137	2100	100 sks
Date Well Work Completed: 06/06/05				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 2137'				
Fresh Water Depth (ft.): 100'				
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 **Big Injun** Pay zone depth (ft) 1916-2022
 Gas: Initial open smell MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow 350 MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure 125 psig (surface pressure) after 48 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

* = 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: *Kenneth Mason*
 By: President
 Date: 6-9-05

RECEIVED
 Office of Oil & Gas
 Office of Chief
 JUN 10 2005
 WV Department of
 Environmental Protection

TYL 1562

JUN 24 2005

6-6(92)

Malloy #1
47-095-01562
06-06-05

Stage #1	perfs	sand	avg rate	isip
Big Injun	1916-2022	250 sks	28 bpm	1945#

Drillers Log

Electric Log Tops

See Original WR 35 for drillers log for formations

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

Permit # 23 30
Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: MALLOY, JAMES P. Operator Well No.: MALLOY #1

LOCATION: Elevation: 978.00 Quadrangle: SHIRLEY

District: MCELROY County: TYLER
Latitude: 6900 Feet South of 39 Deg. 25Min. Sec.
Longitude 7000 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: 11/23/93
Well work Commenced: 12/10/93
Well work Completed: 12/14/93

Verbal Plugging
Permission granted on: 11/23/93
Rotary x Cable _____ Rig
Total Depth (feet) 2137'
Fresh water depths (ft) 100'

Salt water depths (ft) N/A

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.
11 3/4"	120'	120'	To surface 70 sacks
8 5/8"	1847'	1847'	To surface 450 sacks

OPEN FLOW DATA

Producing formation Big Injun Sandstone Pay zone depth (ft) 1928-2001
Gas: Initial open flow 1245 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 1245 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 6 Hours
Static rock Pressure 220 psig (surface pressure) after 24 Hours

Second producing formation N/A 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.

Kenneth Mason
For: DRILLING APPALACHIAN CORP.

By: _____
Date: 12/22/93

1041-104

Well was not stimulated. Completed as a natural producing well.

FORMATION TOPS

Dirt	0 - 15					
shale	15 - 100					
sand	100 - 110	water	100'	damp		
shale	110 - 225					
sand	225 - 235					
shale	235 - 1650					
sand	1650 - 1675					
shale	1655 - 1720					
sand	1720 - 1730					
shale	1730 - 1820					
lime	1820 - 1835					
shale	1835 - 1858					
Big lime	1865 - 1928					
Big Injun	1928 - 2003	gas check	1955	10/10	7"	water
shale	2003 - 2137	gas check	1987	10/10	7"	water

18422