

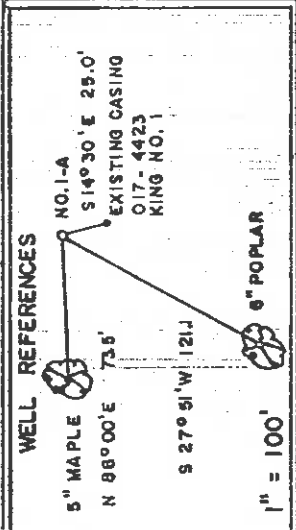
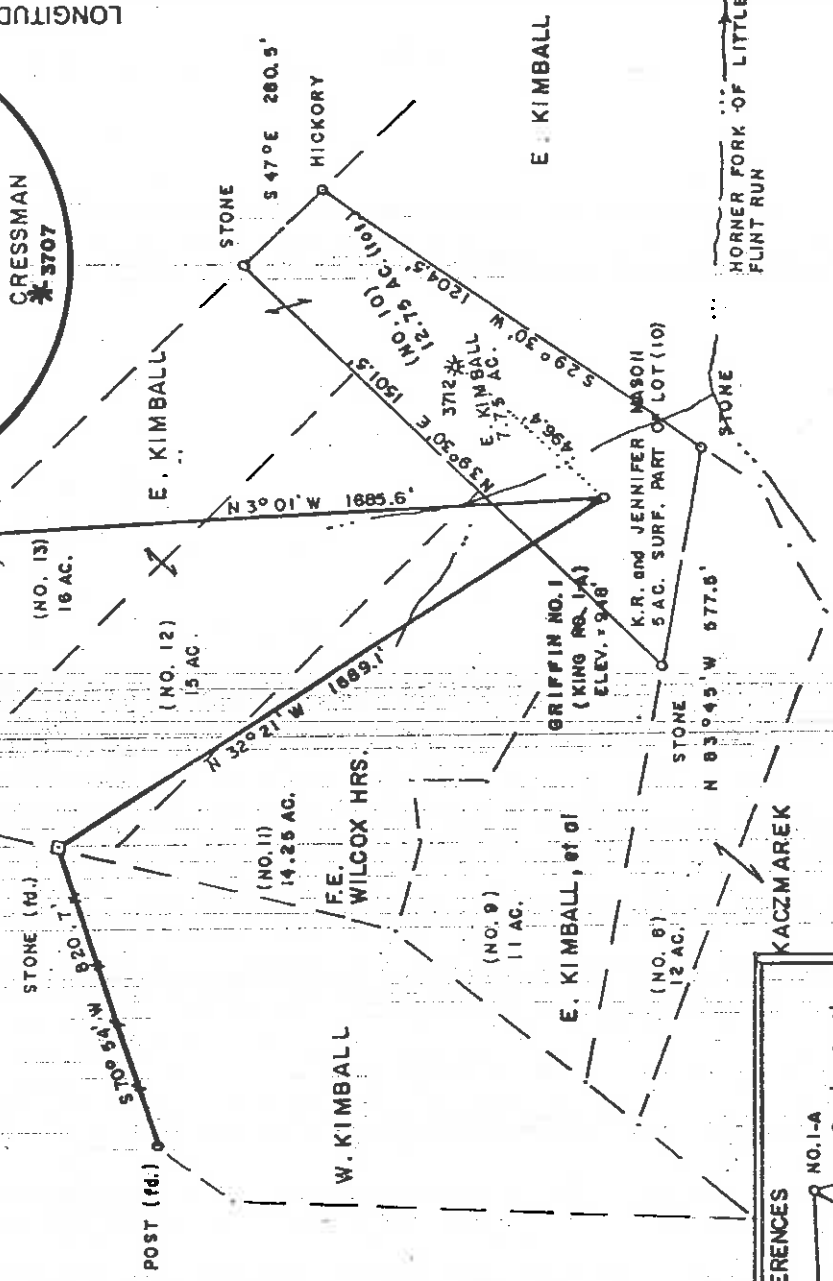
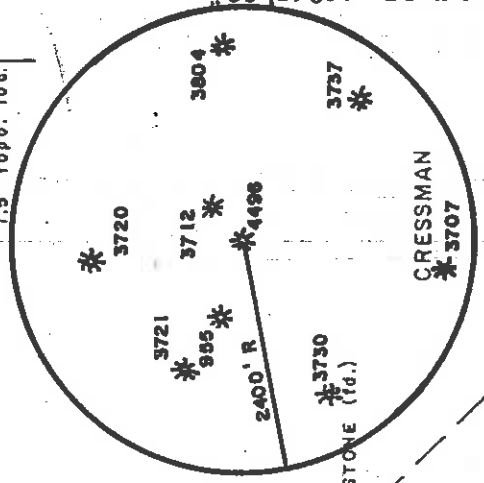
GRIFFINKING LEASE 5 AC.

LATITUDE 39°22'30"

860' W

7.5' topo. loc.

LONGITUDE 80°45'00"

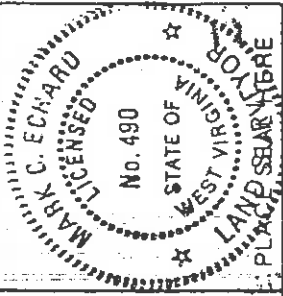


NOTE: PLAT FOR NEW WELL AFTER PLUGGING OF KING NO. 1 (017-4423)

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
 WEST OF LEASE ELEV. = 1306'

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. Echard
 R.P.E. _____ L.L.S. NO. 490



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



DATE SEPTEMBER 27, 2002

OPERATOR'S WELL NO. (KING NO. 1-A) _____

API WELL NO. _____

47-017-4496D

PERMIT

STATE COUNTY

WASTE DISPOSAL _____

DEEP SHALLOW _____

WELL TYPE: OIL GAS LIQUID INJECTION _____

LOCATION: ELEVATION 948' WATERSHED HORNER FORK OF LITTLE FLINT RUN

DISTRICT GRANT _____ COUNTY DOODRIDGE

QUADRANGLE WEST UNION 7.5' _____

SURFACE OWNER K.R. and JENNIFER MASON _____

OIL & GAS ROYALTY OWNER K.R. and JENNIFER MASON _____

LEASE NO. _____ LEASE ACREAGE 5

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 BENSON ESTIMATED DEPTH 5490'

WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON

ADDRESS _____ P.O. BOX 99 _____

ALMA, WV 26320 _____

COUNTY NAME

PERMIT

Dodd

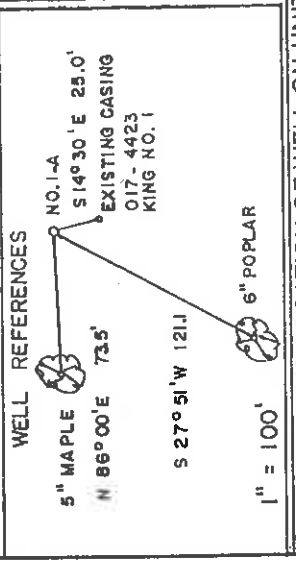
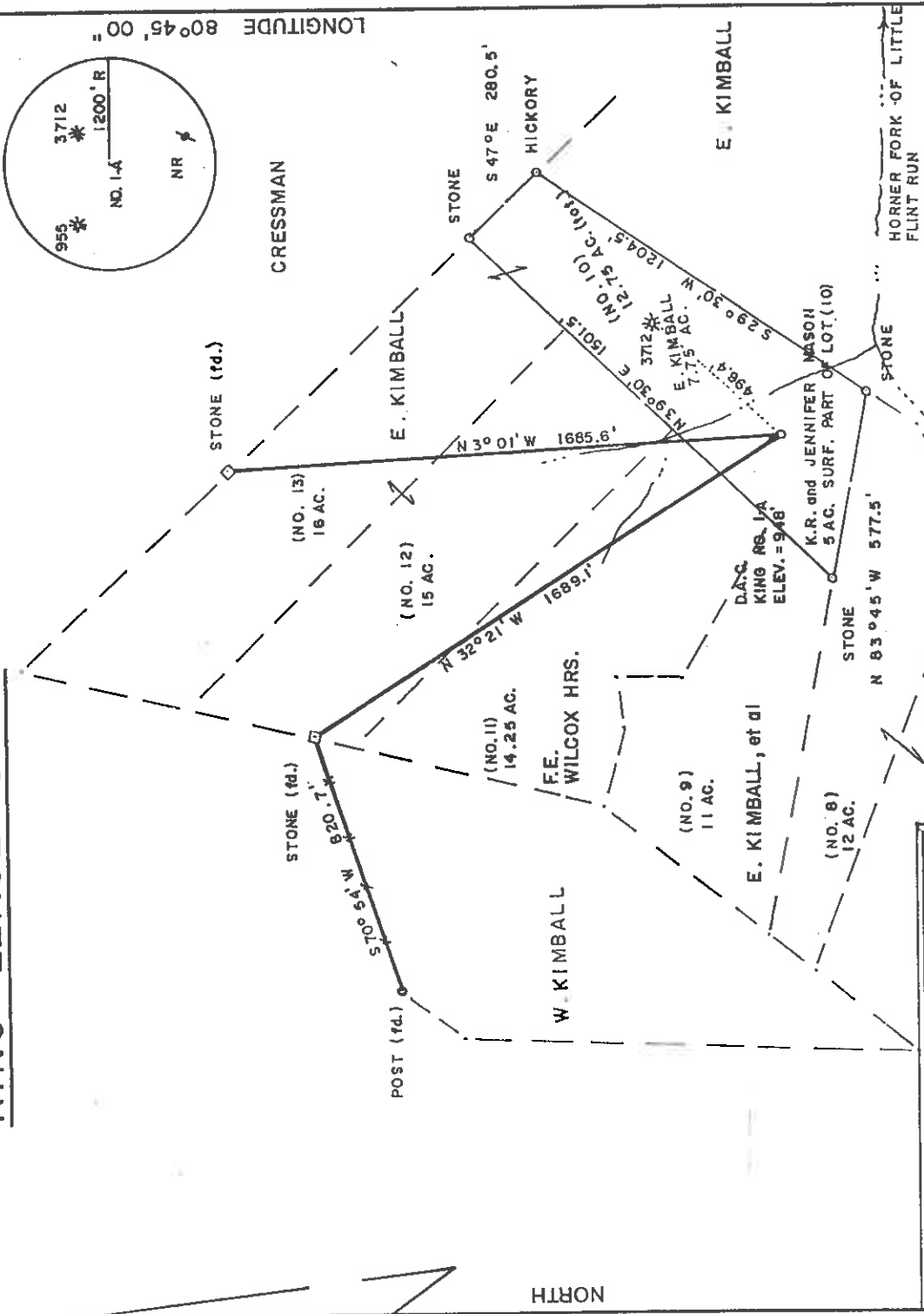
4496 D

1 OCT 18 2002

LATITUDE 39°22'30"
 LONGITUDE 80°45'00"
 860' W
 7.5' topo. loc.
 625' S

0.12
 0.16

KING LEASE 5 AC.



NOTE: PLAT FOR NEW WELL AFTER PLUGGING OF KING NO. 1 (017-4423)

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF _____
 ACCURACY 1/200
 PROVEN SOURCE OF _____
 ELEVATION TOP OF KNOB _____
 WEST OF LEASE ELEV. = 1306'

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. Echard
 R.P.E. _____ L.I.S. NO. 490



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



DATE SEPTEMBER 14, 1998
 OPERATOR'S WELL NO. KING NO. 1-A
 API WELL NO. 47-017-04496

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 948' WATERSHED HORNER FORK OF LITTLE FLINT RUN
 DISTRICT GRANT COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7.5' ACREAGE 5
 SURFACE OWNER K.R. and JENNIFER MASON
 OIL & GAS ROYALTY OWNER K.R. and JENNIFER MASON LEASE ACREAGE 5

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 BIG INJUN ESTIMATED DEPTH 2300'
 WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON
 ADDRESS P.O. BOX 99 ALMA, WV 26320

COUNTY NAME DODD PERMIT 4496

pu

Well Operator's Report of Well Work

Farm name: Mason

Operator Well No.: Griffin #1

LOCATION: Elevation: 948'

Quadrangle: West Union 7.5'

District: Grant
Latitude: 625 Feet South of
Longitude 675 Feet West of

County: Doddridge
39 Deg. 22 Min. 30 Sec.
80 Deg. 45 Min. 00 Sec.

Company:

| Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|--------------------------------------|------------------|--------------|------------------------|
| 11 3/4 | see | original | WR 35 |
| 8 5/8 | see | original | WR 35 |
| 4 1/2 | see | original | WR 35 |
| 2 7/8 | 5272 | 5209 | 125 sks |
| Rotary X Cable Rig | | | |
| Total Depth (feet): 5272' | | | |
| Fresh Water Depth (ft.): N/A | | | |
| Salt Water Depth (ft.): N/A | | | |
| Is coal being mined in area (N/Y)? N | | | |
| Coal Depths (ft.): | | | |

OPEN FLOW DATA

Producing formation Benson
 Gas: Initial open show MCF/d Oil: Initial open flow Bbl/d
 Final open flow 200 MCF/d Final open flow Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure 650# psig (surface pressure) after 48 Hours

Second producing formation
 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: Drilling Appalachian Corporation
 By: Demitt Mason

FEB 27 2003

D000 44961

Griffin #1

| Stage #1 | perfs | sand | avg rate | isip |
|----------|-----------|---------|----------|-------|
| Benson | 4998-5004 | 250 sks | 14 bpm | 1529# |

Drillers Log

See original WR 35 from Surface to 2,195'

| | | |
|-------|------|------|
| Sd/Sh | 2195 | 2450 |
| Sd | 2450 | 2470 |
| Sd/Sh | 2470 | 2670 |
| Sd | 2670 | 2710 |
| Sd/Sh | 2710 | 4980 |
| Sd | 4980 | 5000 |
| Sd/Sh | 5000 | 5272 |
| Td | 5272 | |

Electric Log Tops

| | |
|--------|------|
| Gordon | 2666 |
| Benson | 4985 |

Gas ck @ Td = show

5272
 2243

 3029 - new log

WR-35

API# -47-017- 4496

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

Well Operator's Report of Well Work

Farm Name: Mason, K.R. Operators Well No.: King # 1A
Location: Elevation: 948' Quadrangle: West Union 7.5'
District: Grant County: Doddridge
Latitude: 860 Feet South of 39 Deg. 22 min. 30sec.
Longitude: 625 Feet West of 80 Deg. 45 min. 00sec.

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

Agent: Kenneth Mason

Inspector: Mike Underwood

Permit Issued: 01/05/98

Well Work Commenced: 08/18/98

Well Work Completed: 08/21/98

Rotary X Cable _____ Rig

Total Depth (feet) 2243'

Fresh Water Depths (ft) 230'

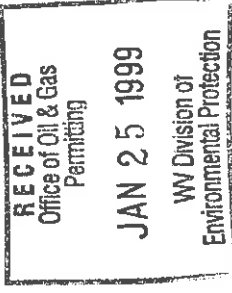
Salt Water Depths (ft) 1250'

Is coal being mined in area (Y/N) N

Coal Depths (ft): N/A'

used in left cement
drilling in well fill up sks

9 5/8 350 303 100
6 5/8 2060 2010 225
4 1/2 2243 2191 50



OPEN FLOW DATA

Producing formation Big Injun Pay zone depth (ft) 2050-2066

Gas: Initial open flow 49 MCF/D Oil: Initial open flow 0 BBL/D

Final open flow _____ MCF/D Final open flow show BBL/D

Static Rock Pressure _____ psig (surface pressure) after 48 Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow * MCF/D Oil: Initial open flow 0 BBL/D

Final open flow _____ MCF/D Final open flow 0 BBL/D

static rock pressure _____ psig (surface pressure) after * Hours

For: Drilling Appalachian Corp.

By: Permitt Mason

Date: 08-28-98

DODD 4496

FEB 01 1999

| Stage | Formation | Perfs | Sand | N2 |
|----------|------------|-----------------|---------|-------------|
| 08-27-98 | King # 1 A | | | |
| 1 | Big Injun | 2050-2066 14 | 300 sks | 249,000 scf |

ISIP = 2060#
5 min = 1874#

Drillers Log

| Formation | Top | Bottom | Formation | Depth top |
|-----------|------|--------|---------------------------------|-----------|
| fill | 0 | 15 | | |
| Sh | 15 | 60 | Big Lime | 1910 |
| Sd/Sh | 60 | 94 | Big Injun | 2092 |
| R/R | 94 | 98 | | |
| Sd/Sh | 98 | 194 | damp @ 230' | |
| R/R | 194 | 213 | | |
| Sd/Sh | 213 | 631 | damp @ 1250 | |
| Sd | 631 | 1705 | | |
| Sd/Sh | 1705 | 1864 | | |
| Lime | 1864 | 1875 | | |
| Sd/Sh | 1875 | 1900 | | |
| Lime | 1909 | 2048 | | |
| Sd | 2048 | 2115 | gas ck @ 2104 = 60/10 in 1" w/w | |
| Sh | 2115 | 2243 | gas ck @ 2167 = 48/10 in 1" w/w | |
| TD | 2243 | | gas ck @ TD = 28/10 in 1" w/w | |

Electric Log Tops

