

11,700' W

LATITUDE 39 37' 30"

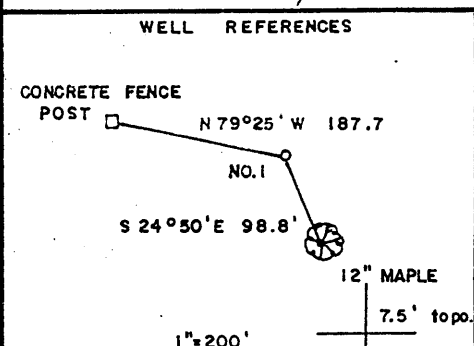
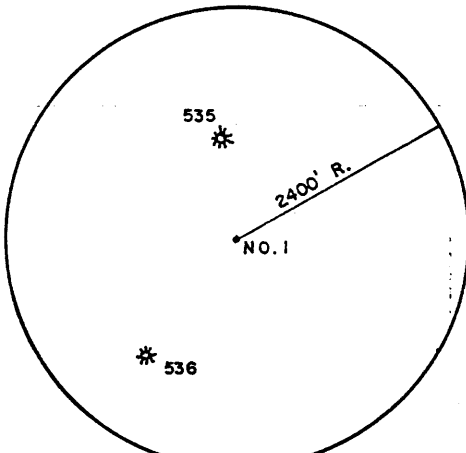
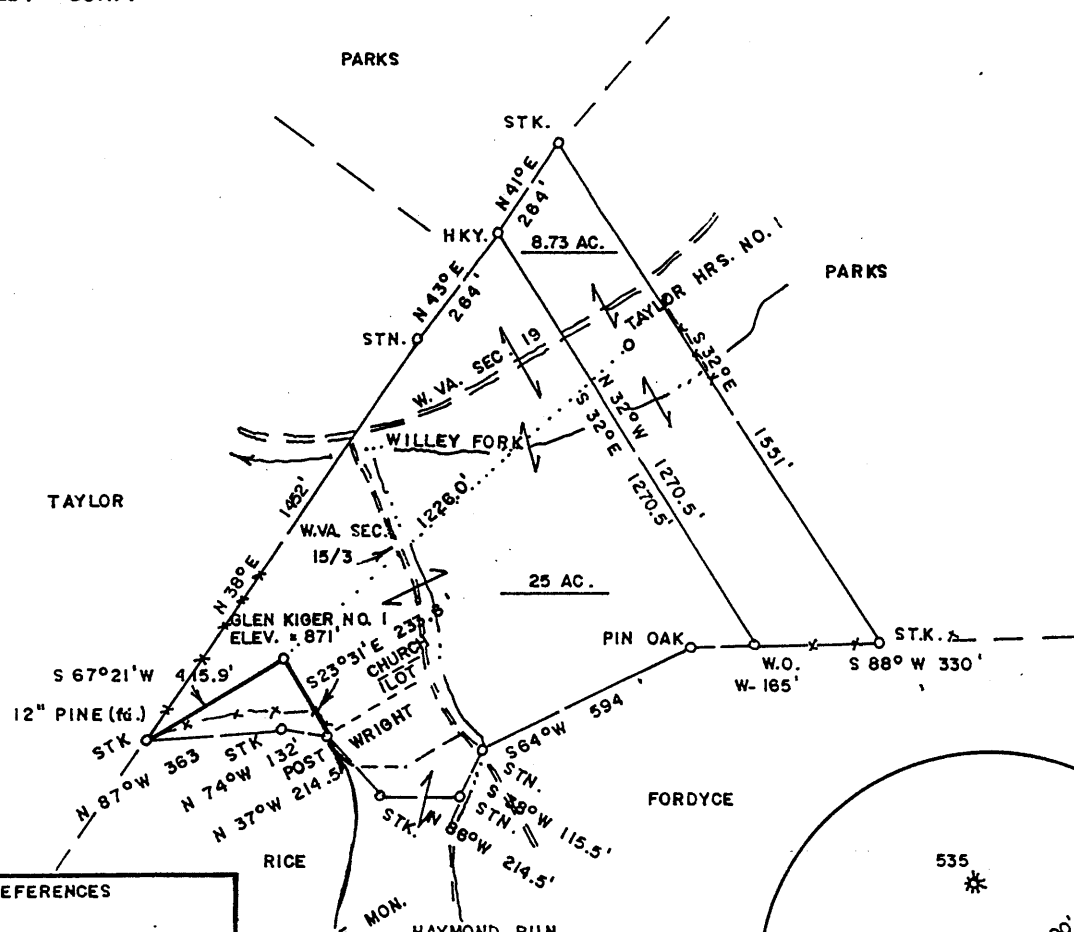
GLEN KIGER LEASE 25 AC.

SHELIA and WILLIAM ABEREGG,
CAROL SUE KENNEDY - SURF.

LONGITUDE 80° 30' 00"

NORTH

SVY. NORTH

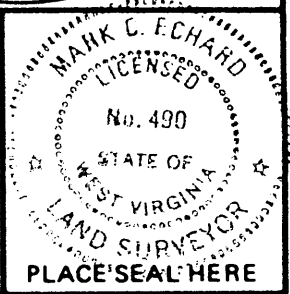


2.725
2.200

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION BM WEST SIDE LEASE
 ELEV. = 870'

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



WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WEST VIRGINIA 25143-2506



DATE SEPTEMBER 8, 19 98
 OPERATOR'S WELL NO. G. KIGER NO. 1
 API WELL NO. 47 - 103 - 01706
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 871' WATER SHED WILLEY FORK
 DISTRICT GRANT COUNTY WETZEL
 QUADRANGLE BIG RUN 7.5'
 SURFACE OWNER Shelia and William Aberegg, Carol Sue Kennedy ACREAGE 25 AC.
 OIL & GAS ROYALTY OWNER GLEN W. KIGER, SR. LEASE ACREAGE 25 AC.
 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 SPEECHLEY ESTIMATED DEPTH 3600'
 WELL OPERATOR D.A.C. 280 DESIGNATED AGENT KENNETH MASON
 ADDRESS P.O. BOX 99 ALMA, WV 26320 ADDRESS P.O. BOX 99 ALMA, WV 26320

NET 1766

BIAS BLUEPRINT Huntington, W.V. 578536

WR-35

API# -47-103-1766

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

Well Operator's Report of Well Work

RECEIVED
Office of Oil & Gas
Permitting
DEC 08 1998
W.V. Division of
Environmental Protection

Farm Name: Kiger
Location: Elevation: 871'
District: Grant
Latitude: 14,500 Feet South of
Longitude: 11,700 Feet West of

Operators Well No.: Kiger #1
Quadrangle: Big Run 7.5'
County: Wetzel
39 Deg. 37 min. 30sec.
80 Deg. 30 min. 00sec.

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

casing used in left cement
tubing drilling in well fill up sks

Agent: Kenneth Mason

9 5/8 220 190 70

Inspector: Randal Mick

6 5/8 1390 1360 140

Permit Issued: 09/30/98

Well Work Commenced: 11/01/98

Well Work Completed: 11/06/98

4 1/2 2303 2157 130

Rotary Cable Rig

Total Depth (feet) ~~N/A~~ 2302'

Fresh Water Depths (ft) 110'

Salt Water Depths (ft) 1570

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

Coal Depths (ft): N/A

OPEN FLOW DATA

Producing formation Big Injun

Pay zone depth (ft) 1906-1992

Gas: Initial open flow 582 MCF/D

Oil: Initial open flow 0 BBL/D

Final open flow _____ MCF/D

Final open Flow N/A BBL/D

Static Rock Pressure _____ psig (surface pressure) after N/A 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: Kenneth R. Mason

Date: 11-12-98

WET 1766

DEC 14 1998

Stage	Formation	Perfs	Sand	N2
11-09-98	Kiger #1			
1	Big Injun	1906-1992 18	50 sks	200,000 scf

ISIP = 2622#
5 min = 2273#

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Office of Oil & Gas
Permitting

DEC 08 1998

WV Division of
Environmental Protection

Drillers Log

Formation	Top	Bottom	
fill	0	15	
Sh	15	35	
Sd	35	60	
Sd/Sh	60	165	
Sd	165	190	1 1/2"strm @ 110'
Sh	190	316	
RR	316	339	
Sd/Sh	339	604	
Sd	604	624	
Sd/Sh	624	856	
RR	856	1020	wet 1570
Sd/Sh	1020	1780	
Lime	1780	1786	
Sh	1786	1792	
Lime	1792	1906	
Sd	1906	2060	gas ck @ 1990 = 582 mcfs
Sh	2060	2303	gas ck @ 2084 = 582 mcfs
TD	2302		gas ck @ TD = 582 mcfs

Electric Log Tops

Formation	Depth top
Big Lime	1883
Big Injun	1910