

LATITUDE 37°42'30"

872730"

LONGITUDE

2000'

GEORGIA PACIFIC CORPORATION
DEED BOOK 213 PAGE 41
P/O 30582 ACRES

PROPOSED WELL

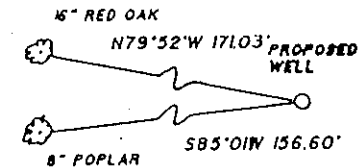
N57°55'E 753.66'

S54°30'W 677.77'

S85°33'W 87.03'

TOPO LOCATION
7.5'

275
1-48W



REFERENCES NO SCALE

NO KNOWN WATER WELLS WITHIN 1000'

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1/5000
 PROVEN SOURCE OF ELEVATION EXISTING WELL 1093
ELEVATION 1877

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.

(SIGNED) [Signature]

R.P.E. _____ L.L.S. 736



PLACE SEAL HERE

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

FORM IV-6
(8-78)



Department of Mines
Oil & Gas Division

DATE APRIL 10, 19 98
 OPERATOR'S WELL NO. 30C-107
 API WELL NO.

47 - 109 - 017314
 STATE COUNTY PERMIT

P

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION X STORAGE _____ DEEP _____ SHALLOW _____)
 LOCATION: ELEVATION 1879 WATER SHED WATT OLIVER BRANCH
 DISTRICT SLAB FORK COUNTY WYOMING
 QUADRANGLE MCGRAW'S, WV 7.5'

SURFACE OWNER GEORGIA PACIFIC CORPORATION ACREAGE 30582
 OIL & GAS ROYALTY OWNER JAGUAR OIL & GAS CORPORATION LEASE ACREAGE 30582
 LEASE NO. _____

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

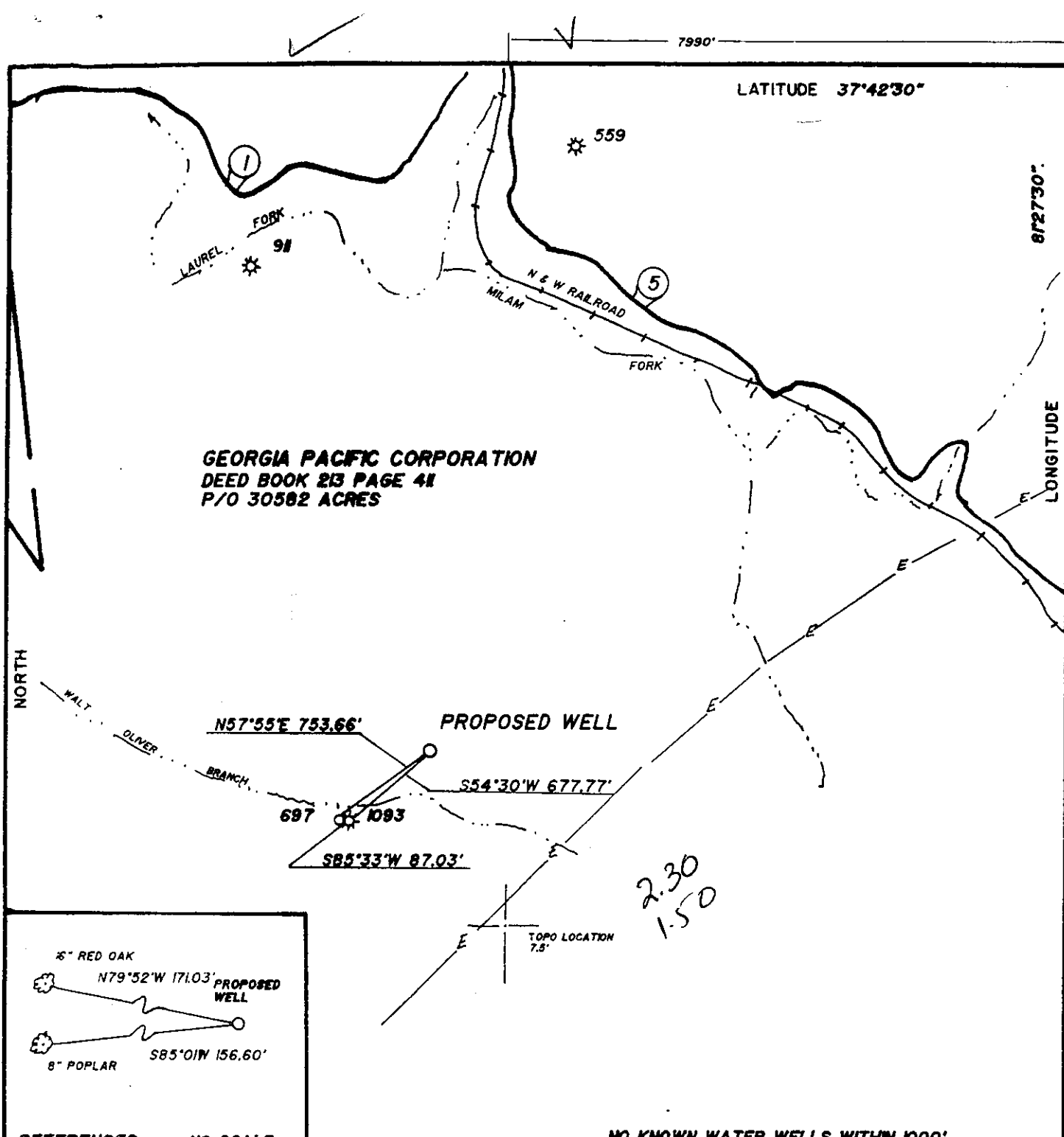
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION BECKLEY OPEN MINE ESTIMATED DEPTH 650'

WELL OPERATOR PENN VIRGINIA OIL & GAS CORP DESIGNATED AGENT MR. HARRY JEWEL
 ADDRESS 999 EXECUTIVE PARK BLVD., SUITE 300 ADDRESS PO BOX 460
KNOXPORT, TN 37660 RAVENCLIFF, WV 26913

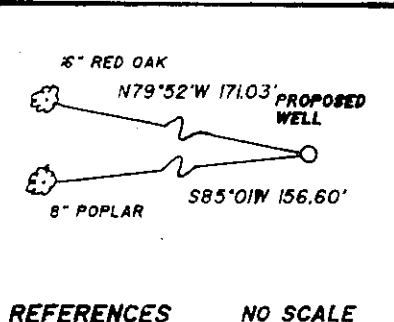
MAR 29 1999

McGraws 4 Charleston, WV

WYO 1731 P



GEORGIA PACIFIC CORPORATION
DEED BOOK 213 PAGE 41
P/O 30582 ACRES

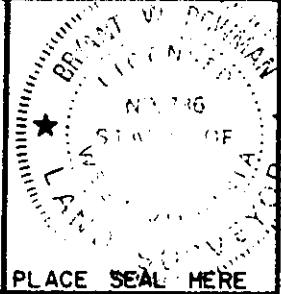


REFERENCES NO SCALE

NO KNOWN WATER WELLS WITHIN 1000'

FILE NO. _____
DRAWING NO. _____
SCALE 1"=1000'
MINIMUM DEGREE OF ACCURACY 1/5000
PROVEN SOURCE OF ELEVATION EXISTING WELL 1093 ELEVATION 1877

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.
(SIGNED) Edward D. Brown
R.P.E. _____ L.L.S. 736



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



DATE APRIL 10, 19 98
OPERATOR'S WELL NO. 30C-107
API WELL NO. 47-109-01731C
STATE COUNTY PERMIT

Department of Mines
Oil & Gas Division

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION X STORAGE _____ DEEP _____ SHALLOW _____
LOCATION: ELEVATION 1879 WATER SHED WALT OLIVER BRANCH
DISTRICT SLAB FORK COUNTY WYOMING
QUADRANGLE MCGRAWS, WV 7.5'
SURFACE OWNER GEORGIA PACIFIC CORPORATION ACREAGE 30582
OIL & GAS ROYALTY OWNER JAGUAR OIL & GAS CORPORATION LEASE ACREAGE 30582
LEASE NO. _____

PROPOSED WORK: DRILL X 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 BECKLEY OPEN MINE ESTIMATED DEPTH 650'
WELL OPERATOR PENN VIRGINIA OIL & GAS CORP DESIGNATED AGENT MR. HARRY JEWEL
ADDRESS 999 EXECUTIVE PARK BLVD., SUITE 300 ADDRESS PO BOX 460
KINGSFORD, TN 37660 RAVENCLIFF, WV 25913

WYO 1731C

WR-35

29-Jun-98

API # 47-109-01731 C

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

Reviewed MB

Well Operator's Report of Well Work

Farm name: GEORGIA PACIFIC CORP. Operator Well No.: 30C-107

LOCATION: Elevation: 1,979.00 Quadrangle: MCGRAWS

District: SLAB FORK County: WYOMING
Latitude: 12000 Feet South of 37 Deg. 42Min. 30 Sec.
Longitude 7990 Feet West of 81 Deg. 27 Min. 30 Sec.

Company: PENN VIRGINIA OIL AND GAS
999 EXEC. PARK BLVD., STE. 300
KINGSPORT, TN 37660-0000

Agent: HARRY JEWELL, III

Inspector: OFIE HELMICK
Permit Issued: 06/29/98
Well work Commenced: 12/04/98
Well work Completed: 02/20/99
Verbal Plugging
Permission granted on: _____
Rotary Cable _____ Rig
Total Depth (feet) 586'
Fresh water depths (ft) _____

Salt water depths (ft) _____

Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
20"	15'	15'	0
13 3/8"	100'	100'	118
9 5/8"	359'	359'	136
4 1/2"	553'	553'	155

MAR 01 1999

OPEN FLOW DATA

Producing formation Beckley Coal Open Mine Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 0 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 0 psig (surface pressure) after _____ 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

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.

For: PENN VIRGINIA OIL AND GAS CORPORATION

By: [Signature]
Date: 2/25/99

MAR 16 1999

WVO 1731C

FORM WR-35R
(REVERSE)

PERMIT #: 47-109-01731C
WELL#: 30C-107

DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Shale	0	44	Damp @ 35'
Sand	44	60	
Shale	60	127	
Sand	127	222	Water @ 140' - 5 GPM
Shale	222	225	
Sand	225	251	
Shale	251	419	No open mine encountered @ 290'
Coal	419	422	Water @ 419' - 3 GPM
Shale	422	572	Water @ 430' - 5 GPM
Sand	572	580	Water @ 476' - 15 GPM
Open Mine	580	586	No show of gas reported
TD	586		

Note: After testing, it was determined that the open mine was full of water. To be P&A