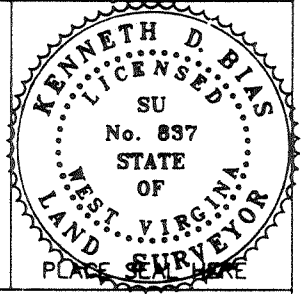


FILE NO. _____
 DRAWING NO. BMS A-15
 SCALE 1' = 2000'
 MINIMUM DEGREE OF ACCURACY 1:2500'
 PROVEN SOURCE OF ELEVATION N.G.V.D. BM
D-86 ELEV. 939.952'

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) Kenneth D. Bias
 R.P.E. _____ L.L.S. 837-SU



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



DATE DEC. 7th, 19 94
 OPERATOR'S WELL NO. SIBLEY A-15
 API WELL NO. S.N. 148221

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 1484.15' WATER SHED TUG FORK RIVER
 DISTRICT SANDY RIVER COUNTY MCDOWELL
 QUADRANGLE IAEGER W.V. 7.5'
 SURFACE OWNER GEORGIA PACIFIC CORP. ACREAGE 2279.085
 OIL & GAS ROYALTY OWNER SIBLEY COAL & COKE LEASE ACREAGE 2840
 LEASE NO. 80511

47 - 047 - 01301
 STATE COUNTY PERMIT
Formerly 047-01259
Cancelled

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

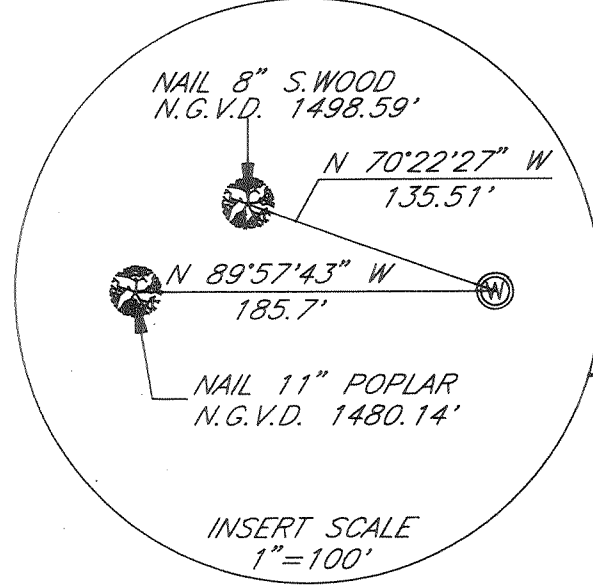
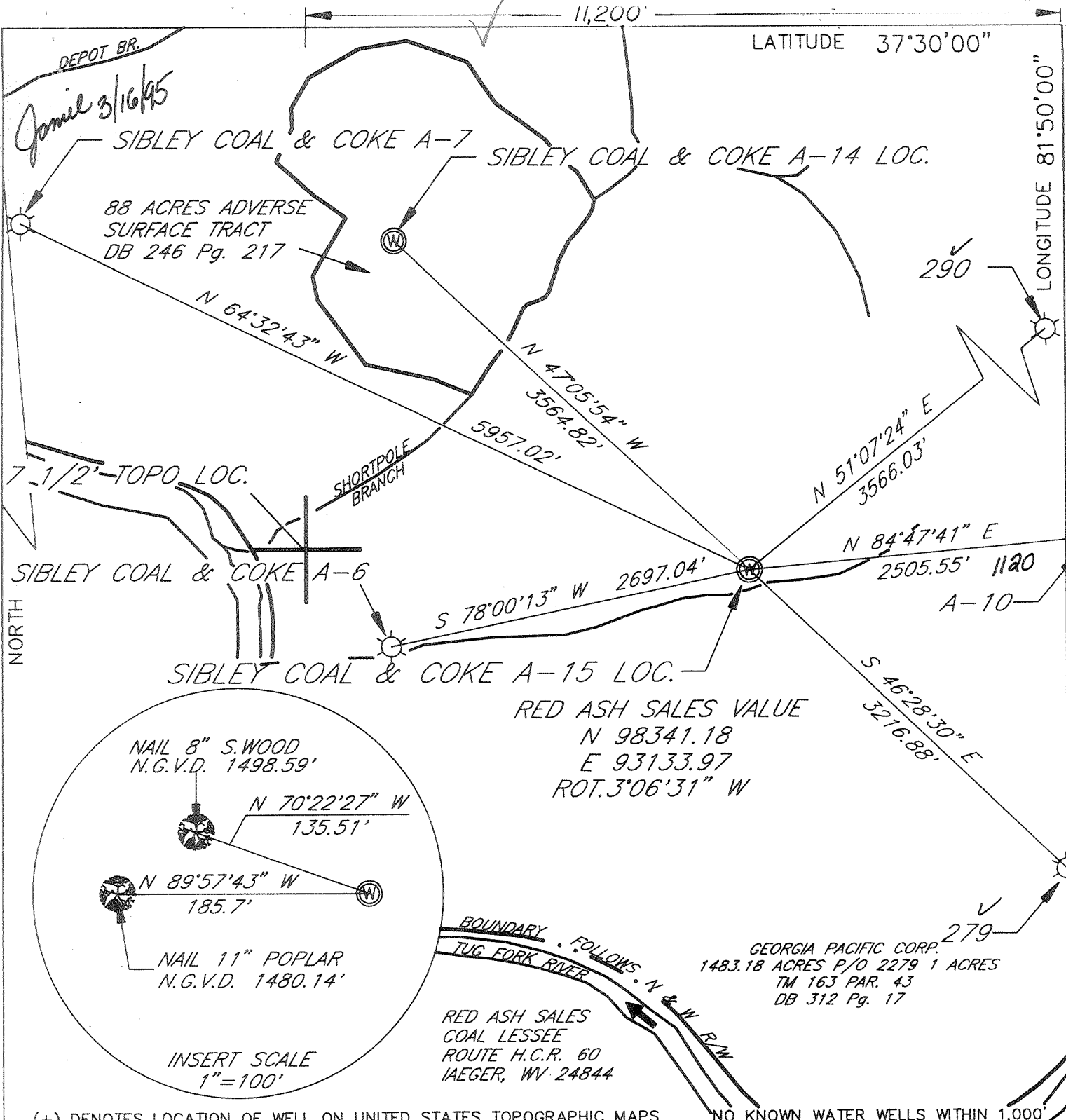
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FOR: FORMATION Tuscarora ESTIMATED DEPTH 7000' KB
 WELL OPERATOR ASHLAND EXPLORATION INC. DESIGNATED AGENT Jim Stephens
 ADDRESS P.O. BOX 391 ASHLAND, KY 41114 ADDRESS Rt. 6 Box 178
Charleston, WV 25311

MCDOWELL COUNTY NAME PERMIT

FORM WW-6

DEEP (1911)

MAY 23 1997
 3-3 303



RED ASH SALES VALUE
 N 98341.18
 E 93133.97
 ROT. 3°06'31" W

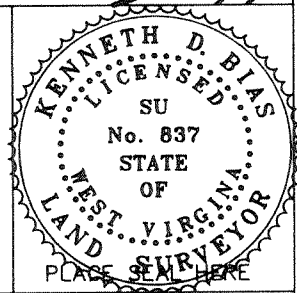
GEORGIA PACIFIC CORP.
 1483.18 ACRES P/O 2279 1 ACRES
 TM 163 PAR. 43
 DB 312 Pg. 17

RED ASH SALES
 COAL LESSEE
 ROUTE H.C.R. 60
 IAEGER, WV 24844

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS NO KNOWN WATER WELLS WITHIN 1,000'

FILE NO. _____
 DRAWING NO. BMS A-15
 SCALE 1" = 2000'
 MINIMUM DEGREE OF
 ACCURACY 1:2500'
 PROVEN SOURCE OF
 ELEVATION N.G.V.D. BM
D-86 ELEV. 939.952'

I THE UNDERSIGNED, HEREBY CERTIFY THAT
 THIS PLAT IS CORRECT TO THE BEST OF MY
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 REGULATIONS ISSUED AND PRESCRIBED BY
 THE DEPARTMENT OF ENERGY.
 (SIGNED) Kenneth D. Bias
 R.P.E. _____ L.L.S. 837-SU



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE DEC. 7th, 19 94
 OPERATOR'S WELL NO. SIBLEY A-15
 API WELL NO. S.N. 148221

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1484.15' WATER SHED TUG FORK RIVER
 DISTRICT SANDY RIVER COUNTY McDOWELL (NW: 649 (30))
 QUADRANGLE IAEGER, W.V. 7.5'

SURFACE OWNER GEORGIA PACIFIC CORP. ACREAGE 2279.085
 OIL & GAS ROYALTY OWNER SIBLEY COAL & COKE LEASE ACREAGE 2840
 LEASE NO. 80511

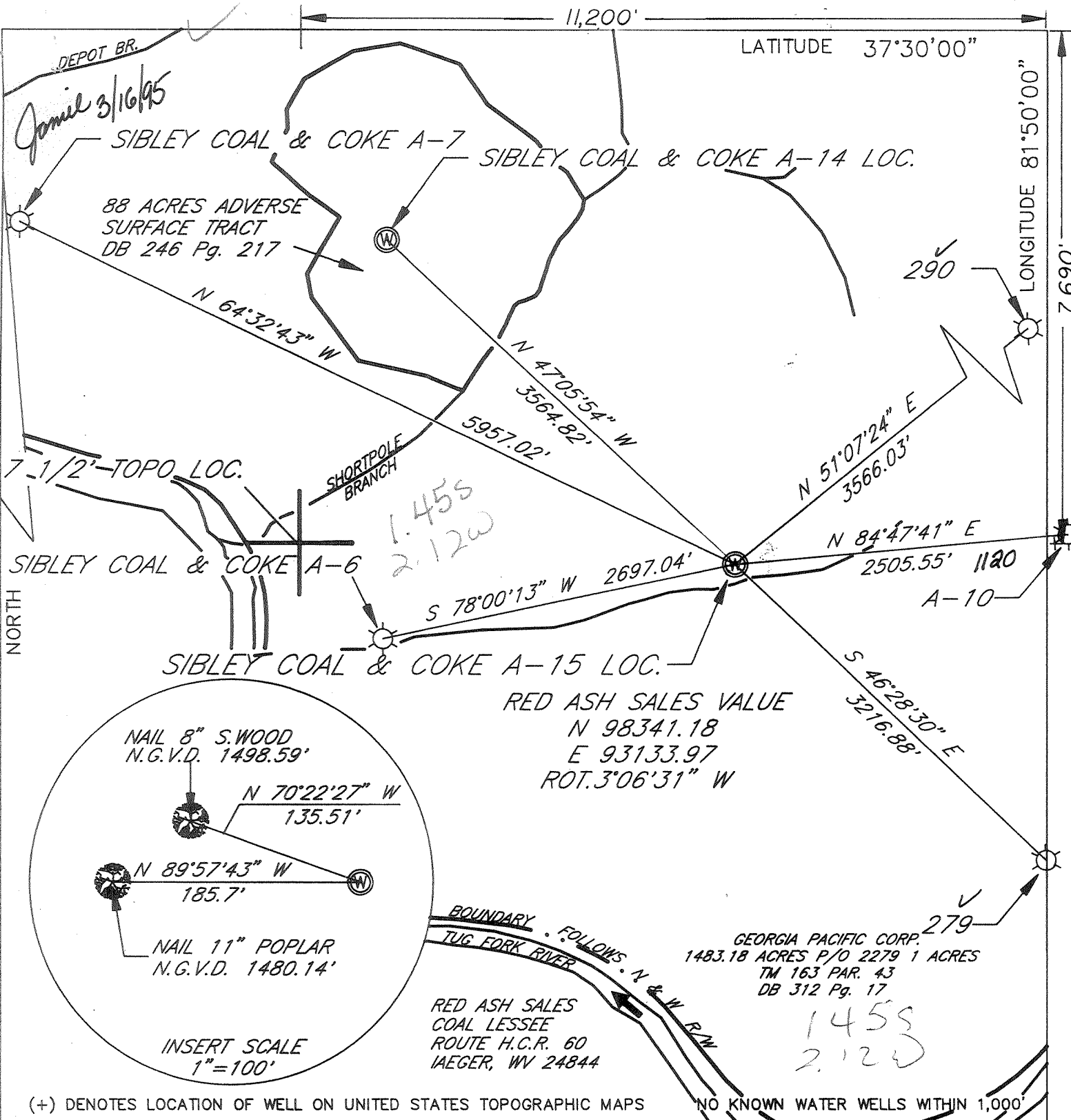
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
 STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW
 FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 4080' KB
 WELL OPERATOR ASHLAND EXPLORATION INC. DESIGNATED AGENT BOBBY E. WIDENER
 ADDRESS P.O. BOX 391 ASHLAND, KY 41114 ADDRESS P.O. BOX 379 BRENTON, WV 24818

APR 28 1997

FORM WW-6

McDOWELL PERMIT 1257



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

FILE NO. _____

DRAWING NO. BMS A-15

SCALE 1' = 2000'

MINIMUM DEGREE OF ACCURACY 1:2500'

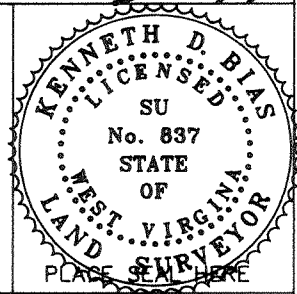
PROVEN SOURCE OF ELEVATION N.G.V.D. BM

D-86 ELEV. 939.952'

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) Kenneth D. Bias

R.P.E. _____ L.L.S. 837-SU



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE DEC. 7th, 19 94

OPERATOR'S WELL NO. SIBLEY A-15

API WELL NO. S.N. 148221

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___

(IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW

LOCATION: ELEVATION 1484.15' WATER SHED TUG FORK RIVER

DISTRICT SANDY RIVER COUNTY McDOWELL

QUADRANGLE JAEGER, W.V. 7.5' x 15' NC

47 - 047 - 1259

STATE COUNTY PERMIT

now: 047 (301)

SURFACE OWNER GEORGIA PACIFIC CORP. ACREAGE 2279.085

OIL & GAS ROYALTY OWNER SIBLEY COAL & COKE LEASE ACREAGE 2840

LEASE NO. 80511

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 DEVONIAN SHALE ESTIMATED DEPTH 4080' KB

WELL OPERATOR ASHLAND EXPLORATION INC. DESIGNATED AGENT BOBBY E. WIDENER

ADDRESS P.O. BOX 391 ASHLAND, KY 41114 ADDRESS P.O. BOX 379 BRENTON, WV 24818

FORM WW-6

McDOWELL
COUNTY NAME PERMIT

MAR 02 1995

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

Issued 03/17/95 Expires 03/17/97 406

Permitting Office of Oil & Gas WELL WORK PERMIT APPLICATION

Well Operator: Ashland Exploration, Inc 2750 (6) Sibley Coal & Coke Company

Operator's Well Number: A-15 Serial No. 148221 3) Elevation: 1484.1

Well type: (a) Oil ___ / or Gas X ___ / (b) If Gas: Production X ___ / Underground Storage ___ / Deep ___ / Shallow X ___ /

- 5) Proposed Target Formation(s): Devonian Shale
6) Proposed Total Depth: 4080' feet
7) Approximate fresh water strata depths: 180'
8) Approximate salt water depths: 1800'
9) Approximate coal seam depths: Red Ash Seam - 400' Depth - Mined Out & Pillared
10) Does land contain coal seams tributary to active mine? Yes ___ / No X ___ /
11) Proposed Well Work: Drill and Stimulate New Well

CASING AND TUBING PROGRAM

Table with columns: TYPE, SPECIFICATIONS, FOOTAGE INTERVALS, CEMENT. Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, Liners.

PACKERS: Kind, Sizes, Depths set

For Division of Oil and Gas Use Only

506098 [] Fees) paid: [] Well Work Permit [] Reclamation Fund [] WPCP [] Plat [] WW-9 [] WW-2B [] Bond [] Agent (Type)

RECEIVED
WV Division of
Environmental Protection

MAR 02 1995

Permitting
Office of Oil & Gas

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 1) Date: February 24, 1995
- 2) Operator's well number
Sibley Coal & Coke Co. #A-15, Serial #148221
- 3) API Well No: 47 - 047 - 1259
State - County - Permit

- 4) Surface Owner(s) to be served:
 - (a) Name Georgia-Pacific Corp.
Address P.O. Box 352
Mt. Hope, WV 25880
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 6) Inspector Ofie Helmick
Address P.O. Box 398
Brenton, WV 24818-0398
Telephone (304)-732-9135

- 5) (a) Coal Operator:
 - Name None
Address _____
 - (b) Coal Owner(s) with Declaration
Name Sibley Coal & Coke Company
Address 417 S. Main Street
Bethel, OH 45106
Name _____
Address _____
 - (c) Coal Lessee with Declaration
Name Red Ash Sales Company
Address HCR 60 Box 12
Jaeger, WV 24844

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

 X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 2 on the above named parties, by:

 Personal Service (Affidavit attached)

 X Certified Mail (Postmarked postal receipt attached)

 Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Ashland Exploration, Inc.

BKC BY: Bradley W. Fischer *[Signature]*

Its: Vice President

Address P.O. Box 391

Ashland, KY 41114

Telephone 606-329-5450

Subscribed and sworn before me this 24th day of February, 1995

[Signature]

Notary Public

My commission expires Nov. 23, 1998

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION**

(was 0471259
(arc))

- 1) Well Operator: Ashland Exploration, Inc. 2750 (6) 406
Sibley Coal & Coke Company
- 2) Operator's Well Number: A-15, Serial No. 148221 3) Elevation: 1484.1
- 4) Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production X / Underground Storage ___ /
Deep X / Shallow ___ /
- 5) Proposed Target Formation(s): Tuscarora 575
- 6) Proposed Total Depth: 7000 feet
- 7) Approximate fresh water strata depths: 180'
- 8) Approximate Salt water depths: 1800'
- 9) Approximate coal seam depths: Red Ash Seam - 400' Depth - Mined Out & Pillared
- 1) Does land contain coal seams tributary to active mine? Yes ___ / No X /
- 2) Proposed Well Work: Drill and Stimulate New Well

Issued 05/19/97
Expires 05/19/99

Office of Oil & Gas

Slurry Being Pumped in

23482

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu.ft.)
Conductor	20	LS	94	30	30	CTS
Fresh Water						3858184.3
Coal	13 3/8	H-40	48	460	460	CTS
Intermediate	9 5/8	J-55	36	1800	1800	CTS
	7	J-55	20/23	5955	5955	As Required
Production	4 1/2	J-55	11.6	7000	7000	As Required
Tubing	2 3/8	J-55	4.7	-	6900	Siphon
Liners						3858184.1

PACKERS: Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

- Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond _____ Agent
- (Type)

506375

12

- 1) Date: April 22, 1997
- 2) Operator's well number
Sibley Coal & Coke Co. A-15, Serial #148221
- 3) API Well No: 47 - 047 - 1301
State - County - Permit

**STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|--|--|
| <p>4) Surface Owner (s) to be served:
 (a) Name <u>Georgia-Pacific Corp.</u>
 Address <u>P.O. Box 511</u>
 <u>Mt. Hope, WV 25880</u>
 (b) Name _____
 Address _____
 (c) Name _____
 Address _____</p> | <p>5) (a) Coal Operator:
 Name <u>None</u>
 Address _____
 (b) Coal Owner (s) with Declaration
 Name <u>Sibley Coal & Coke Company</u>
 Address <u>417 South Main Street</u>
 <u>Bethel, OH 45106</u>
 Name _____
 Address _____
 (c) Coal Lessee with Declaration
 Name <u>Red Ash Sales Company</u>
 Address <u>HCR 60 Box 12</u>
 <u>laeger, WV 24844</u></p> |
| <p>6) Inspector <u>Ofie Helmick</u>
 Address <u>P.O. Box 398</u>
 <u>Brenton, WV 24818-0398</u>
 Telephone (304) - <u>543-0764</u></p> | |

TO THE PERSON (S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 1 on the above named parties, by:
 _____ Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
 _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Ashland Exploration, Inc.
 By: Stephen N. Parks *Stephen Parks*
 It's: Engineering Advisor
 Address P.O. Box 391
Ashland, KY 41114
 Telephone 606-329-3682

Subscribed and sworn before me this 22nd day of April, 1997

Vicki W. South

Notary Public

My commission expires November 23, 1998

STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506

May 15, 1997

Division of Environmental Protection
Office of Oil and Gas
Nitro, West Virginia

Re: Application for Permit #47-047-01301 drill deep well.

COMPANY: Ashland Exploration, Inc.

FARM: Georgia Pacific Corp/Sibley #A-15

COUNTY: McDowell DISTRICT: Sandy River QUAD: Iaeger

The application of the above company is Approved for Tuscarora.
(Approved or Disapproved)

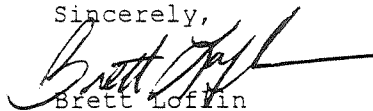
Applicant has complied with the provisions of Chapter twenty-two, eight (22-8), of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

1.) Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owner; **yes**

2.) Provided a tabulation of all deep wells within one mile of the proposed location, including the Api number of the deep well, well name, and the name and address of operator and; **none**

3.) Provided a plat showing that the proposed location is a distance of **400+** feet from the nearest unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,


Brett Loffin
Engineer

WR-35

API # 47-047-01301

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

Well Operator's Report of Well Work

Farm name: Sibley Coal & Coke Operator Well No.: A-15

LOCATION: Elevation: 1484' Quadrangle: Iaeger

District: Sandy River County: McDowell
Latitude: 7690 Feet South of 37 Deg. 30 Min. 0 Sec.
Longitude 11200 Feet West of 81 Deg. 50 Min. 0 Sec.

Company: EASTERN STATES OIL & GAS,
2800 EISENHOWER AVE
ALEXANDRIA, VA 22314-0000

Agent: ROBERT G. ALLEY

Inspector: Ofie Helmick
Permit Issued: 05/19/97
Well work Commenced: 12/17/97
Well work Completed: 1/19/98
Verbal Plugging
Permission granted on: _____
Rotary x Cable _____ Rig
Total Depth (feet) 7207'
Fresh water depths (ft) 51', 675'

Salt water depths (ft) _____

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 10'

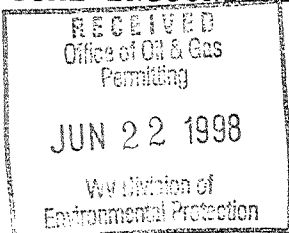
Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
20"	26'	26'	none
13 3/8"	450'	450'	335 sks
9 5/8"	1809'	1809'	505 sks
7"	6072'	6072'	280 sks
4 1/2"	7146'	7146'	155 sks

OPEN FLOW DATA

Producing formation Tuscarora Pay zone depth (ft) _____
Gas: Initial open flow 2020 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 1320 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 1 Hours
Static rock Pressure 1225 psig (surface pressure) after 14 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: David L. Matz, VP Drilling & Completion
EASTERN STATES OIL & GAS, INC.

By: David L. Matz
Date: 6/15/98

M - Dow 1301

JUN 29 1998

Driller's Record

Well: Sibley Coal & Coke A15

API # - 47-047-1301

FORMATION	TOP	BOTTOM	REMARKS
fill	0	5	
sand & shale	5	10	
coal	10	12	
sand & shale	12	75	damp @ 51'
sand	75	325	damp @ 675'
sand & shale	325	394	
open hole	394	399	
sand & shale	399	590	Gas checks@:
shale	590	635	2041' & 2324' both no show
sand & shale	635	909	2953' & 3048' both 26mcf thru 1" w/water
sand	909	1094	3173' 15mcf thru 1" w/water
salt sand	1094	1750	3395' 25.8mcf thru 1" w/water
sand & shale	1750	2095	3898', 4117', 4500' & 5095' all 28.3mcf thru 1" w/water
U. Maxton	2095	2240	5725' & 6008' both 189mcf thru 2" w/water
sand & shale	2240	2761	6204', 6519", 6898" & 6990' all no show
L. Maxton	2761	2828	7053' 1104mcf thru 7" w/water
shale & sand	2828	2870	7207' 1425mcf thru 7" w/water
L. Lime	2870	2950	
B. Lime	2950	3365	
Borden, red rock, shale	3365	3938	
Sunbury	3938	3972	
Berea	3972	4005	
Devonian Shale	4005	6038	
Marcellus Shale	6038	6068	
Oriskany	6068	6131	
Helderberg	6131	6149	
Tonoloway	6149	6200	
Big Mt. Shale	6200	6300	
Clifton Forge Ss.	6300	6320	
Sour Zone/Newburg/McKenzie	6320	6335	
Lockport	6335	6552	
Big Six	6552	6634	
Rose Hill	6634	6844	
Upper Tuscarora	6844	6897	
Tuscarora	6897	6978	
Juniata	6978	7080	
shale	7080	7200	
Total Depth		7207	

RECEIVED
 Chief of Geology
 Permitting
 JUN 22 1998
 The Division of
 Environmental Protection

Well: Sibley Coal & Coke A-15

API #: 47-047-1301

Perforation Record		Stimulation Record				Average Treating Pressure (PSI)	
Date	Interval Perforated From To	Interval Treated	Type	Fluid Type	Propping Agent Type		Average Injection Rate(B=BP MS=SCRPM)
4/8/98	7029 7042	Tuscarora	A	2000gal B=BBL S=SCF	n/a	7.4 B	3378
5/29/98	7029 7042	Tuscarora	W	1069 B	sand	12 B	2442

RECEIVED
Office of Oil & Gas
Permitting
JUN 22 1998
NY Division of
Environmental Protection

JUN 29 1998

MCDOW 1301