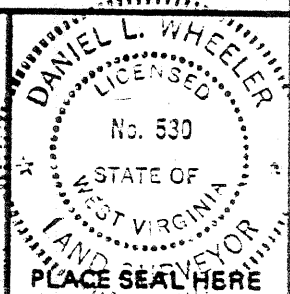


FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION B.M. 1/2 MILE SOUTH OF MIDDLE BOURNE DN RT. # 18
 ELEVATION 770'

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) Daniel L. Wheeler
 R.P.E. _____ L.L.S. 530



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

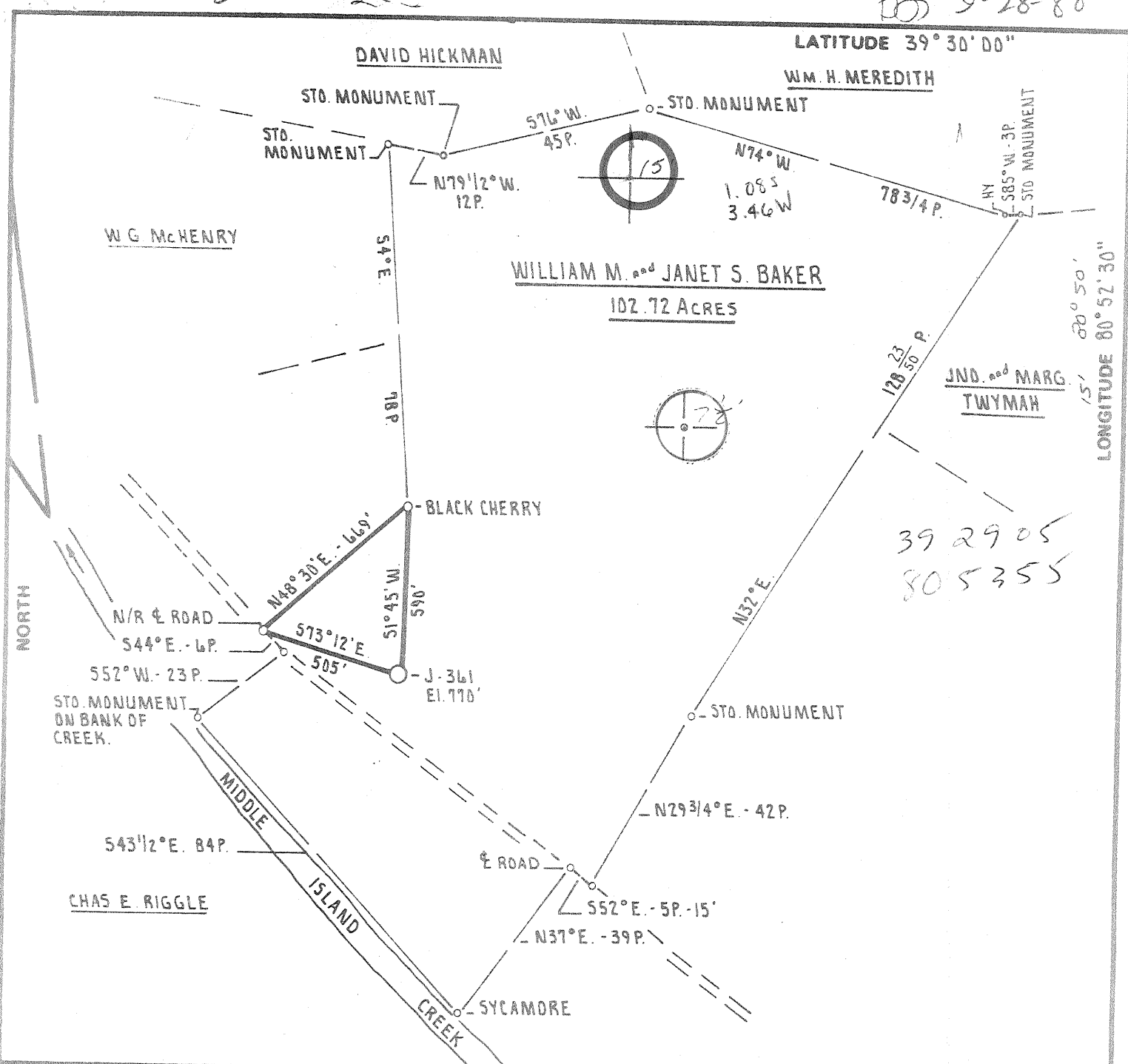


DATE SEPTEMBER 18TH, 19 80
 OPERATOR'S WELL NO. J-361
 API WELL NO. _____
47 - 095 - 0863-P
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 770' WATER SHED MIDDLE ISLAND CREEK
 DISTRICT ELLSWORTH COUNTY TYLER
 QUADRANGLE MIDDLE BOURNE 7.5' WEST UNION
 SURFACE OWNER WILLIAM M. and JANET S. BAKER ACREAGE 102.72 Ac.
 OIL & GAS ROYALTY OWNER WILLIAM M. and JANET S. BAKER LEASE ACREAGE 102.72 Ac.
 LEASE NO. J. and J. 79
 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 ALEXANDER ESTIMATED DEPTH 5400'
 WELL OPERATOR J. and J. ENTERPRISES, INC. DESIGNATED AGENT HARRY BARNETT
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
BUCKHANNON, WEST VIRGINIA 26201 BUCKHANNON, WEST VIRGINIA 26201

9-28-80



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION B.M. 1/2 MILE SOUTH OF MIDDLE BOURNE ON RT. # 18 ELEVATION 706'

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) Daniel S. Wheeler
 R.P.E. _____ L.L.S. 530

PLACE SEAL HERE

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



DATE SEPTEMBER 18th 19 80
 OPERATOR'S WELL NO. J-361
 API WELL NO. 47 - 095 - 0863
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 770' WATER SHED MIDDLE ISLAND CREEK
 DISTRICT ELLSWORTH COUNTY TYLER
 QUADRANGLE MIDDLE BOURNE 7.5' West Union NC
 SURFACE OWNER WILLIAM M. and JANET S. BAKER ACREAGE 102.72 Ac.
 OIL & GAS ROYALTY OWNER WILLIAM M. and JANET S. BAKER LEASE ACREAGE 102.72 Ac.
 LEASE NO. J. and J. 79
 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 ALEXANDER ESTIMATED DEPTH 5400'
 WELL OPERATOR J. and J. ENTERPRISES, INC. DESIGNATED AGENT HARRY BARNETT
 ADDRESS P.O. BOX 48 BUCKHANNON, WEST VIRGINIA 26201 ADDRESS P.O. BOX 48 BUCKHANNON, WEST VIRGINIA 26201

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

Date: March 2, 1981

FORM IV-35
(Obverse)

Operator's Well No. J-361

[08-78,

WELL OPERATOR'S REPORT OF

API Well No. 27-095-0863

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

State County Permit

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal /
(If "Gas", Production / Underground storage / Deep / Shallow /)

LOCATION: Elevation: 706 Watershed: Middle Island Creek
District: Ellsworth County: Tyler Quadrangle: Middlebourne 7.5'

WELL OPERATOR J & J Enterprises, Inc. DESIGNATED AGENT Roger Rolston
Address Box 48 Address P.O. Box 48
Buckhannon, WV 26201 Buckhannon, WV 26201

PERMITTED WORK: Drill / Convert / Drill deeper / Redrill / Fracture or stimulate
Plug off old formation / Perforate new formation /
Other physical change in well (specify) _____

PERMIT ISSUED ON 9/25, 1981

OIL & GAS INSPECTOR FOR THIS WORK:

IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED

Name Phillip L. Tracy
Address Rt. # 3
Alma, WV 26320

GEOLOGICAL TARGET FORMATION: Alexander Depth _____ feet

Depth of completed well, 5759 feet. Rotary / Cable Tools _____

Water strata depth: Fresh, 1237 feet; salt, 0 feet.

Coal seam depths: 220-25, 454-56, 264-68 Is coal being mined in the area? No

Work was commenced 2/23, 1981, and completed 3/1, 1981

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft	New	Used	For drilling			Left in well
Conductor	11 7/8	H-40	42	x		0	0	0 sks.	Kinds
Fresh water	8 5/8	ERW	23	x		1016.85	1016.85	270 sks.	
Coal	8 5/8	ERW	23	x		1016.85	1016.85	270 sks.	Sizes
Intermediate									
Production									Depths set
Tubing									
Liners									Perforations:
									Top Bottom

RECEIVED
MAR - 5 1981
OIL & GAS DIVISION
DEPT. OF MINES

OPEN FLOW DATA

Producing formation _____ Pay zone depth _____ feet

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 measurement) after _____ hours shut in

[If applicable due to multiple completion--]

Second producing formation _____ Pay zone depth _____ feet

Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d

Final open flow, _____ Mcf/d Final open flow, _____ Bbl/d

MAR 23 1981

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

WELL LOG

FORMATION	Color	Hard or Soft	? Top Feet	Bottom Feet	Remarks Including indication of all free and salt water, coal, oil and gas
Clay			0	5	
Shale, red rock & sand			5	25	
Sand, shale & red rock			25	52	
Sand, shale & red rock			52	86	Damp @ 1237
Sand & shale			93	109	Gas ck @ 1782 4/10-6/10-1/2" w/w
Sand, shale & red rock			109	126	4,209 cu.ft.
Sand, shale & red rock			126	179	Gas ck @ 1782 2/10-1/2" w/water
Sand & shale			179	220	4,209 cu.ft.
Coal			220	225	
Sand & shale			225	231	Gas ck. @ 2996' 2/10-1/2" w/water
Sand & shale			231	243	2,533 cu.ft.
Sand & shale			243	264	Gas ck. @ 3287 No show
Coal			264	268	
Sand & shale			268	355	Gas ck @ 3738 No show
Sand & shale			355	454	Gas ck @ 4316 No show
Coal			454	456	
Sand & shale			456	564	Gas ck @ 4605 4/10-1/2" w/water
Sand, shale & red rock			564	898	3,705 cu.ft.
Sand & shale			898	1043	
Sand & shale			1043	1090	Gas ck @ 4702 2/10-1/2" w/water
Sand & shale			1090	1139	2,533
Sand & shale			1139	1210	Gas ck @ 5279 3/10-1/2" w/water
Sand & shale			1210	1278	3,280 cu.ft.
White sand			1278	1507	
Sand & shale			1507	1557	
Lime			1557	1582	Gas ck @ 5759 No show
Sand & shale			1582	1588	
Big Lime			1588	1610	
White sand & injun			1610	1685	
Sand & shale			1685	1765	
Lt. brown sand			1765	4200	
Brown sand & shale			4200	4284	
Lt. brown sand & shale			4284	4610	
Brown sand & shale			4610	4630	
Black & brown shale			4630	4926	
Brown sand & shale			4926	5330	
Brown sand & shale			5330	5570	
Dark brown shale <i>Brallier?</i>			5570	5759 TD	

(Attach separate sheets to complete as necessary)

J & J Enterprises, Inc.

Well Operator

By

Peter Battles

Its

Peter Battles Geologist

NOTE: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

Date: Sept. 24, 1980

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-361

API Well No. 97-095 0863
State County P

WELL TYPE: Oil / Gas
(If "Gas", Production / Underground storage / Deep / Shallow)

LOCATION: Elevation: 706 Watershed: Middle Island Creek
District: Ellsworth County: Tyler Quadrangle: Middlebourne 7.5'

WELL OPERATOR J & J Enterprises, Inc.
Address P.O. Box 48
Buckhannon, WV 26201

DESIGNATED AGENT H.L. Barnett
Address P.O. Box 48
Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER Wm. & Janet S. Baker
Address Star Rt., Box 4
Middlebourne, WV 26149
Acreage 102.72

COAL OPERATOR None
Address _____

SURFACE OWNER Wm. & Janet S. Baker
Address Star Rt., Box 4
Middlebourne, WV 26149
Acreage 102.72

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Wm. & Janet S. Baker
Address Star Rt., Box 4
Middlebourne, WV 26149
Name _____
Address _____

FIELD SALE (IF MADE) TO:
Name _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Phillip L. Tracy
Address Rt. # 3
Alma, WV 26320

SEP 25 1980
OIL & GAS DIVISION
DEPT. OF MINE

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated April 17, 1980, to undersigned well operator from Wm. & Janet S. Baker

[If said deed, lease, or other contract has been recorded:]
Recorded on _____, 19____, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in _____ Book _____ at page _____. A permit is requested as follows:

PROPOSED WORK; Drill / Drill deeper / Redrill / Fracture or stimulate
Plug off old formation / Perforate new formation
Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines, Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

J & J Enterprises, Inc.
Well Operator
By Peter Battles
Peter Battles
Geologist

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) S.W. Jack Drilling Company

Address Box 48
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5400 feet Rotary X / Cable tools /

Approximate water strata depths: Fresh, 100 feet; salt, None feet.

Approximate coal seam depths: None Is coal being mined in the area? Yes No

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft	New	Used	For drilling			Left in well
Conductor	11 3/4	H-40	42	x		30	30	0 sks.	Kinds
Fresh water	8 5/8	ERW	23	x		1350	1350	350 sks.	
Coal	8 5/8	ERW	23	x		1350	1350	350 sks.	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	x		5350	5350	400 sks.	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-4a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is a part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved

for drilling. This permit shall expire if operations have not commenced by 5-30-81.

[Signature]
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location, has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: , 19

By
Its

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

WELL TYPE: Oil ___ / Gas x / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas", Production x / Underground storage ___ / Deep ___ / Shallow x /
LOCATION: Elevation: 706 Watershed: Middle Island Creek
District: Ellsworth County: Tyler Quadrangle: Middlebourne 7.5'

WELL OPERATOR J & J Enterprises, Inc.
Address P.O. Box 48
Buckhannon, WV 26201

DESIGNATED AGENT Roger Rolston
Address P.O. Box 48
Buckhannon, WV 26201

STATE OF WEST VIRGINIA,)
COUNTY OF Upshur) SS:

Roger Rolston and Daniel Stark

being first duly sworn according to law, depose and say that they are experienced in the work of plugging and filling oil and gas wells; that they were employed by J & J Enterprises, Inc., the well operator, and participated in the work of plugging and filling the above well; that the work was commenced on 2/23, 1981, and completed on 3/1, 1981, in the following manner:

PERMITTED WORK: Plug and abandon x / Clean out and replug ___ /

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness
Class A	Gel	5759-5000	759
Class A	Gel	5000-4900	100
Class A	Gel	4900-4775	125
Class A	Gel	4775-4675	100
Class A	Gel	4675-2750	1925
Class A	Gel	2750-2600	150
Class A	Gel	2600-2280	320
Class A	Gel	2280-2000	280
Class A	Gel	2000-1900	100
Class A	Gel	1900-1660	240
Class A	Gel	1660-1150	510
Class A	Gel	1150-1050	100
	Gel	1050-0	1050

Bridge Plugs Used--Type and Depth

VENT PIPE

MISCELLANEOUS MATERIALS

CASING LOST 1017' of 8 5/8"

TYPE OF RIG:

Owner: Well Op'r x / Contractor ___ /

Rig time: ___ days plus ___ hours

COAL SEAMS (NAMES AND DEPTHS)

DESCRIPTION OF WELL MONUMENT

RECEIVED

MAR - 5 1981

OIL & GAS DIVISION
DEPT. OF MINES

Roger Rolston (SEAL)

Daniel O. Stark (SEAL)

Subscribed and sworn to before me this

3rd day of March, 19 81.

My commission expires October 16, 19 89.

Linda S. Coffield
Notary Public