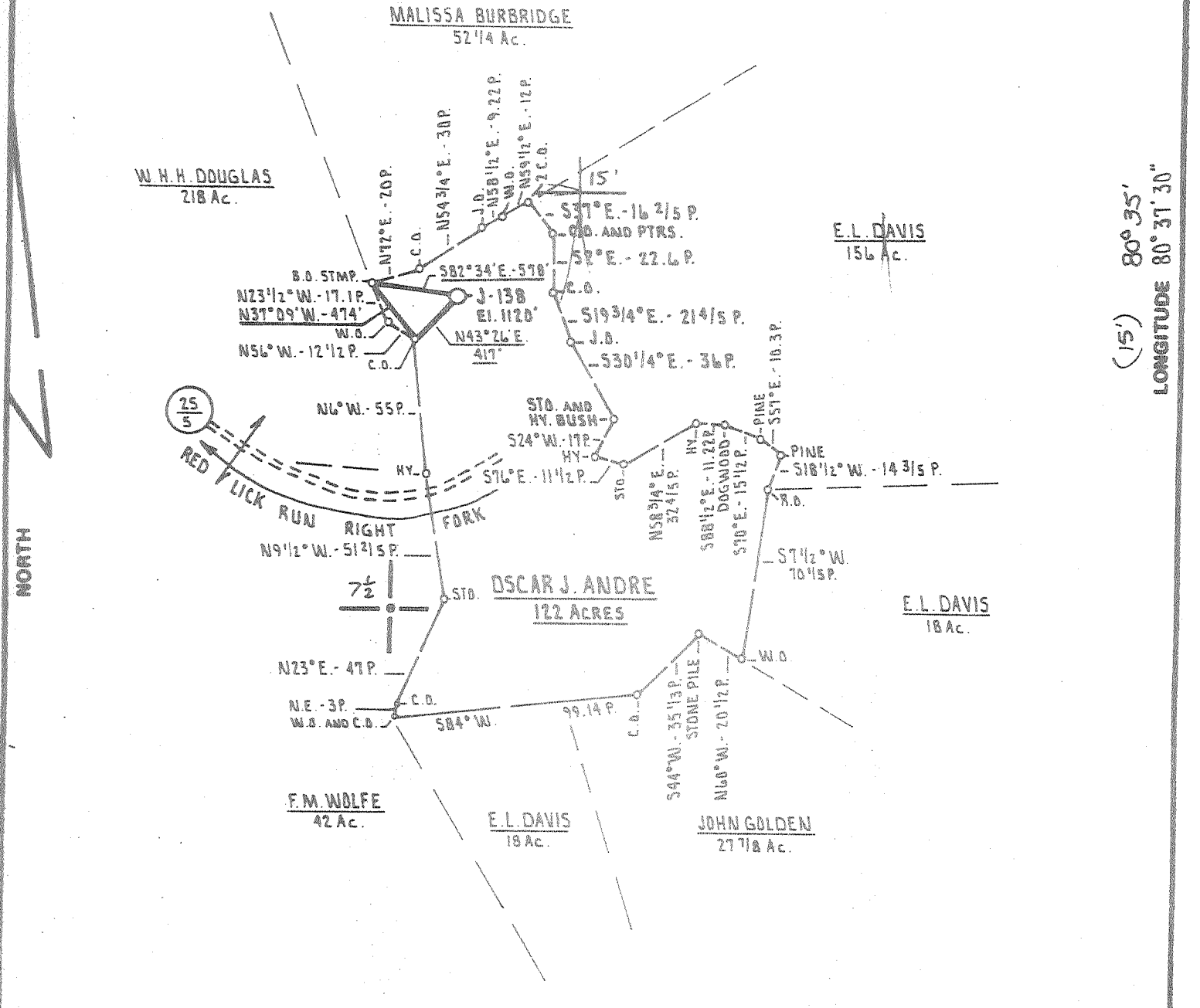


LATITUDE 39° 15' 00"

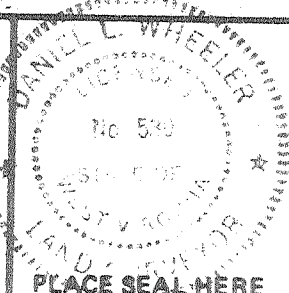
WV 1-27-00

(15') 80° 35' LONGITUDE 80° 31' 30"



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION B.M. 500' SOUTH OF NEW MILTON ELEVATION 830'

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 JULY 9th 19 80
 OPERATOR'S WELL NO. J-138
 API WELL NO. _____
47 - 017 - 2807 - P
 STATE COUNTY PERMIT

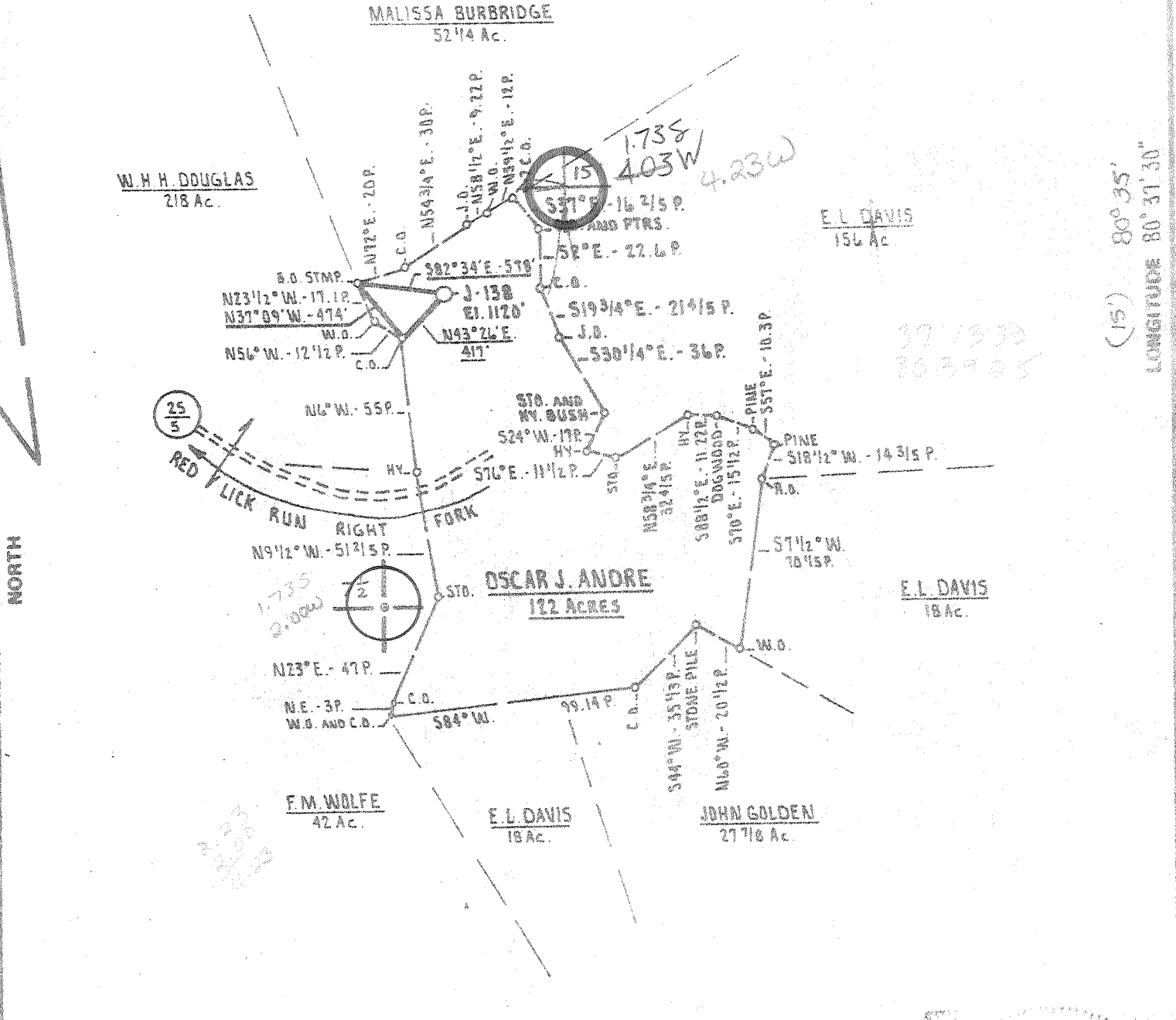
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

73487 00 CUG - P

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS.") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1120' WATER SHED RED LICK RUN
 DISTRICT NEW MILTON COUNTY DODDRIDGE
 QUADRANGLE NEW MILTON 7.5' VADIS 15'
 SURFACE OWNER OSCAR J. ANDRE ACREAGE 122 Ac.
 OIL & GAS ROYALTY OWNER OSCAR J. ANDRE LEASE ACREAGE 122 Ac.
 LEASE NO. H-9
 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 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

DEC 5 1980



(15) 80° 35' LONGITUDE 80° 31' 30"

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION B.M. 500' SOUTH OF NEW MILTON ELEVATION 830'

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) *Russell S. Wheeler*
 R.P.E. _____ L.I.S. 530

PLACE SEAL HERE

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



DATE JULY 9th, 19 80
 OPERATOR'S WELL NO. J-138
 API WELL NO. _____
47 - 017 - 2807
 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 1120' WATER SHED RED LICK RUN
 DISTRICT NEW MILTON COUNTY ODDRIDGE
 QUADRANGLE NEW MILTON 7.5' VADIS 15' NC
 SURFACE OWNER OSCAR J. ANDRE ACREAGE 122 Ac
 OIL & GAS ROYALTY OWNER OSCAR J. ANDRE LEASE ACREAGE 122 Ac.
 LEASE NO. H-9
 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 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

2-0 New Milton North (14A)

AUG 15 1980

RECEIVED

Date: Nov. 7, 1980
Operator's Well No. J-138
API Well No. 47-017-2807 - 2807
State County Permit

STATE OF WEST VIRGINIA
DEPT. OF MINES

WELL OPERATOR'S REPORT
OF
DRILLING, FRACURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Gas / Liquid Injection / Waste Disposal
Production / Underground storage / Deep / Shallow /
LOCATION: Elevation: 1120 Watershed: Red Lick Run
District: New Milton County: Doddridge Quadrangle: New Milton

WELL OPERATOR J & J Enterprises, Inc. DESIGNATED AGENT H.L. Barnett
Address Box 48 Address Box 48
Buckhannon, WV 26201 Buckhannon, WV 26201

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

PERMIT ISSUED ON 7/25, 1980
(IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REMWORKING. VERBAL PERMISSION OBTAINED)
JUL & GAS INSPECTOR'S CHECK THIS WORK: MINES
Name Paul Garrett
Address 321 Beech St.
Clarksburg- WV 26301

GEOLOGICAL TARGET FORMATION: Alexander Depth 5455-5500 feet
Depth of completed well, 5700 feet Rotary / Cable Tools
Water strata depth: Fresh, 55 feet; salt, None feet.
Coal-seam depths: None Is coal being mined in the area: NO
Work was commenced 10/29, 1980, and completed 11/5, 1980

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Per Ft. Weight	New	Used	For drilling			Left in well
Conductor	11 3/4	H-40	42	X		30	0	0 sks.	Kinds
Fresh water	8 5/8	ERW	23	X		1374	1374	405 sks.	
Coal	8 5/8	ERW	23	X		1374	1374	405 sks.	Sizes
Intermediate									
Production									Depths set
Tubing									Perforations:
Liners									Top Bottom

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
Time of open flow between initial and final tests, _____ hours
Static rock pressure, _____ psig (surface measurement) after _____ hours shut in

DEC 18 1980

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

ELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	REMARKS Including indication of all fresh and salt water, coal, oil, gas
Shale			0	29	
Sand			29	180	
Sand & sandy shale			180	410	
Sand & sandy shale			410	875	Hole damp @ 55'
Sand & sandy shale			875	905	
Sandy shale			905	1320	
Sand & sandy shale			1320	1460	
Sand & sandy shale			1460	1620	
Sand & sandy shale			1620	1860	
Sand & sandy shale			1860	2115	
Little lime			2115	2145	
Sandy shale			2145	2165	
Big Lime			2165	2225	
Sand & sandy shale			2225	2415	Gas ck. @ 5050 - odor
Sand & sandy shale			2415	2640	
Sand & sandy shale			2640	3255	
Sand & sandy shale			3255	3670	
Sandy shale & sand			3670	3725	
Sandy shale			3725	5140	
Benson			5140	5155	
Sandy shale			5155	5290	
Shale & sand			5290	5700 T.D.	

Battles

(Attach separate sheets as complete as necessary)

J & J Enterprises, Inc.

Well Operator

By

Peter Battles

Its

Peter Battles Geologist

NOTE: Regulation 2.02(d) 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."

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-138

API Well No. 47-017-2807
State County Perm

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

LOCATION: Elevation: 1120 Watershed: Red Lick Run
District: New Milton County: Doddridge Quadrangle: New Milton

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

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

OIL & GAS ROYALTY OWNER Oscar Andre
Address P.O. Box 3337
Winchester, Va. 22601

COAL OPERATOR None
Address

SURFACE OWNER Oscar Andre
Address P.O. Box 3337
Winchester, Va. 22601
Acreage 122

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Oscar Andre
Address P.O. Box 3337
Winchester, Va. 22601

FIELD SALE (IF MADE) TO:
Name
Address

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address
RECEIVED
JUL 25 1980

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address 321 Beech St.
Clarksburg, WV 26201

OIL & GAS DIVISION
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease ___ / other contract X / dated Sept. 14, 1979, to the undersigned well operator from Justin Henderson
[If said deed, lease, or other contract has been recorded:]

Recorded on Sept. 28, 1979, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in deed Book 111 at page 285. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper ___ / Redrill ___ / Fracture or stimulate X /
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 at 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
Its Peter Battles Geologist

[08-78]

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, 600 feet; salt, 0 feet.

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

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	1 13/4	H-40	42	x		30	30	0 sks.	Kinds
Fresh water	85/8	ERW	23	x		1000	1000	250 sks.	
Coal	85/8	ERW	23	x		1000	1000	250 sks.	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	x		5350	5350	325 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 § 22-4-8a from the owner of any water well or drilling within 200 feet of the proposed well.

THIS PERMIT ~~MUST BE POSTED AT THE WELL SITE~~ ^{A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be 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 4-4-81.

[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 / Liquid Injection / Waste Disposal /
(If "Gas", Production / Underground storage / Deep / Shallow /
LOCATION: Elevation: 1120 Watershed: Red Lick Run
District: New Milton County: Doddridge Quadrangle: New Milton

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

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

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

H.L. Barnett and Robert Reel

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 10/29, 19 80, and completed on 11/5, 19 80, in the following manner:

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

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness
Class A	Gel	5647-4900	747
		4900-4800	100
Class A	Gel	4800-2300	2500
		2300-2200	100
Class A	Gel	2200-1400	800
		1400-1200	200
	Gel	1200-50	1150
Class A		50-Surf.	

Bridge Plugs Used--Type and Depth

VENT PIPE

MISCELLANEOUS MATERIALS

CASING LOST 8 5/8 - 1374

TYPE OF RIG:

Owner: Well Op'r / Contractor /

Rig time: days plus hours

COAL SEAMS (NAMES AND DEPTHS)

DESCRIPTION OF WELL MONUMENT

RECEIVED

NOV 12 1980

OIL & GAS DIVISION
DEPT. OF MINES

Robert M. Reel (SEAL)
Robert M. Reel (SEAL)

Subscribed and sworn to before me this

10th day of November, 19 80.

My commission expires October 16, 19 89.

Linda S. Cayfield
Notary Public