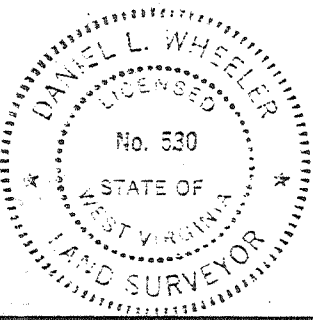
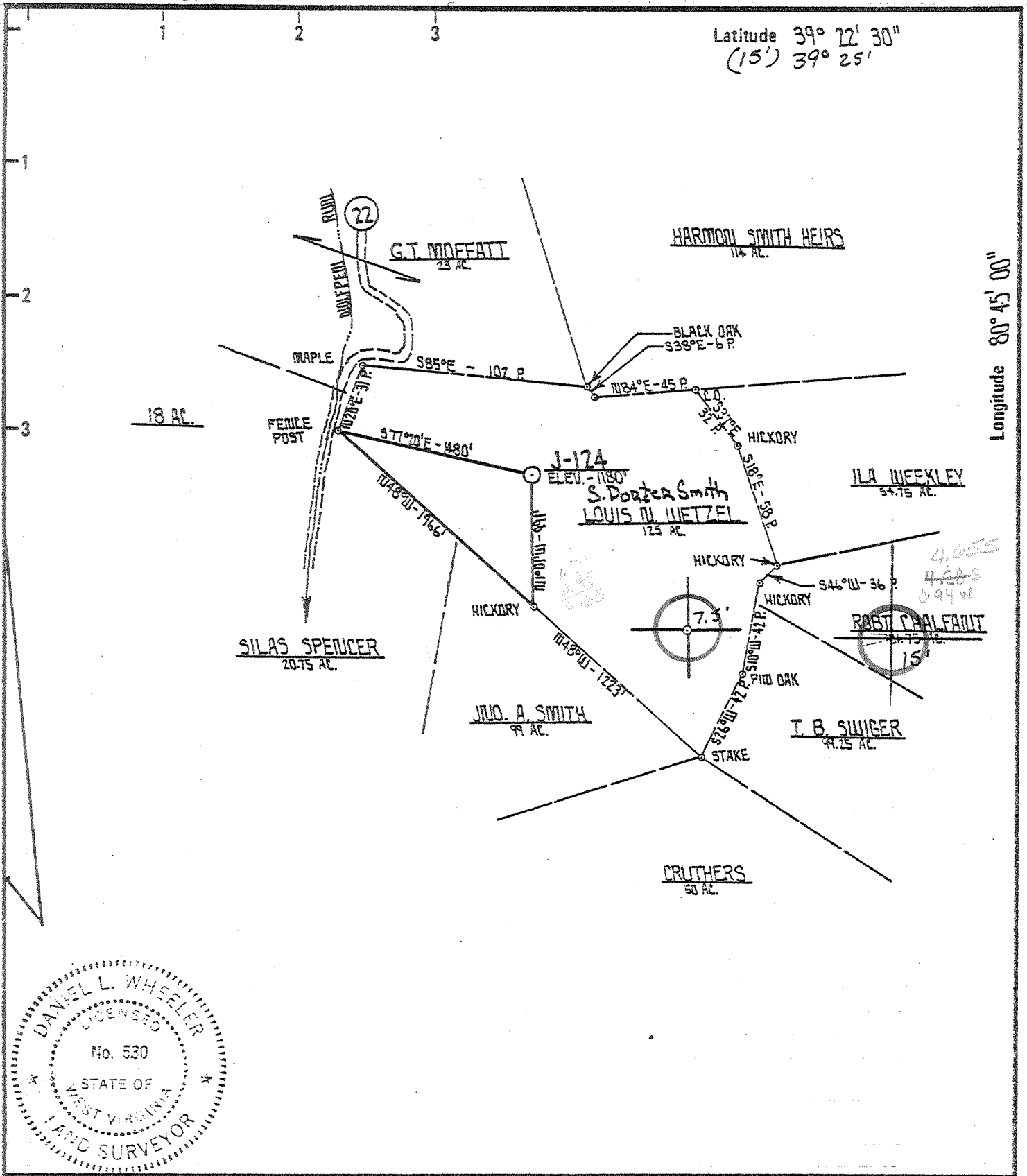


4/30/80

Latitude $39^{\circ} 22' 30''$
(15') $39^{\circ} 25'$

Longitude $80^{\circ} 45' 00''$



New Location <input checked="" type="checkbox"/> Drill Deeper <input type="checkbox"/> Abandonment <input type="checkbox"/>	Minimum Error of Closure <u>1 PART IN 200</u> Source of Elevation <u>INT. SLS. RTS. 28 & 22</u> ELEV. - <u>801'</u> "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."
---	--

Company	J & J ENTERPRISES, INC.
Address	P.O. BOX 48 BUCKHARMON, W. VA. 26201
Farm	LOUIS W. WETZEL; S. Porter Smith (agent)
Tract	Acres <u>125</u> Lease No. <u>K-503</u>
Well (Farm) No.	<u>J-124</u> Serial No. _____
Elevation (Spirit Level)	<u>1180'</u>
Quadrangle	<u>WEST UNION 7.5' & 15' EC</u>
County	<u>DODDRIDGE</u> District <u>WEST UNION</u>
Engineer	<u>NOMI B. MULLER</u>
Engineer's Registration No.	<u>530</u> L.L.S.
File No.	<u>19/56</u> Drawing No. _____
Date	<u>4/4/80</u> Scale <u>1" = 1000'</u>

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

WELL LOCATION MAP
 FILE NO. 47-017-2704

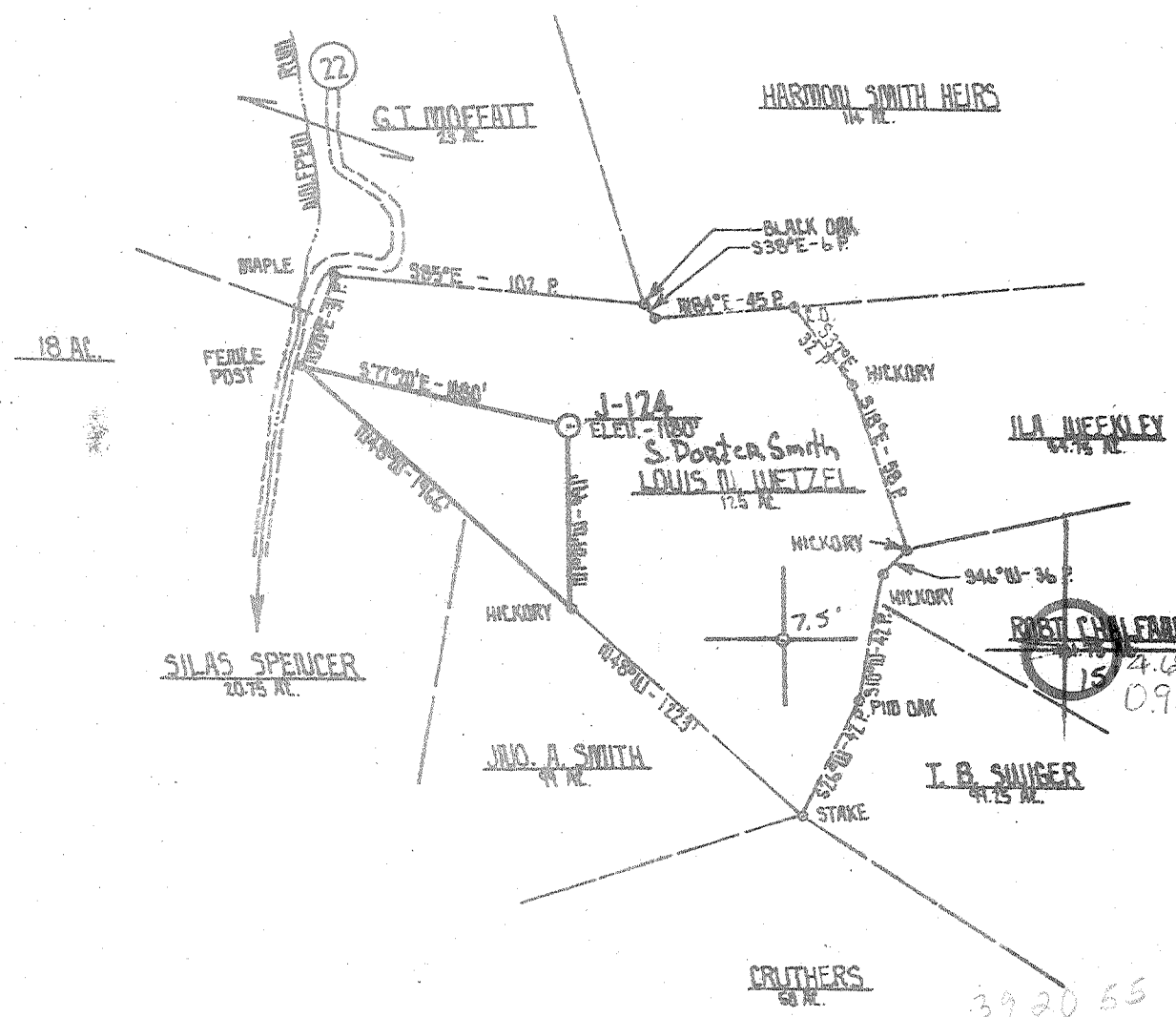
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

7476 BRISKANY

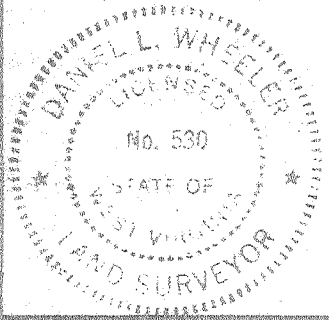
Revised Est. Depth - 2800' Berea JAN 21 1991

Latitude $39^{\circ} 22' 30''$
(15) $39^{\circ} 25'$

Longitude $80^{\circ} 45' 00''$



3920 55
804605



New Location <input checked="" type="checkbox"/> Drill Deeper <input type="checkbox"/> Abandonment <input type="checkbox"/>	Minimum Error of Closure 1 PART 100 700 Source of Elevation INT. S.L.S. RTS. 28 & 22 ELEV. - 801' "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."
---	--

Company	J & J ENTERPRISES, INC.
Address	P.O. BOX 46 BUCKHANNON, W. VA. 26201
Farm	LOUIS H. WETZEL ; S. Dortca Smith (agent)
Tract	Acres 125 Lease No. K-503
Well (Farm) No.	J-124 Serial No.
Elevation (Spirit Level)	1180'
Quadrangle	WEST UNION 75' 415' 2C
County	DODDRIDGE District WEST UNION
Engineer	David B. Wheeler
Engineer's Registration No.	530 L.L.S.
File No.	19/56 Drawing No.
Date	4/4/80 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. 47-017-2704

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

7470 BRISKANY
 JUN 16 1980

6-6 Wilbur (92)

FORM IV-35
(Obverse)

[03-73]

Date: 3/11, 1981

Operator's Well No. J-124

API Well No. - - 017 -2704
State County Permit

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

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATION, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas x / Liquid Injection Waste Disposal

(If "Gas", Production x / Underground storage Deep / Shallow x)

LOCATION: Elevation: 1180 Watershed: Wolfpen Run

District: West Union County: Doddridge Quadrangle: West Union 7.5'

WELL OPERATOR J & J Enterprises Inc. DESIGNATED AGENT H.L. Barnett

Address P.O. Box 48 Address P.O. Box 48

Buckhannon, WV 26201 Buckhannon, WV 26201

PERMITTED WORK: Drill x / Convert / Drill deeper / Redrill / Fracture or stimulate x

Plug off old formation / Perforate new formation

Other physical change in well (specify):

PERMIT ISSUED ON April 28, 1980

OIL & GAS INSPECTOR FOR THIS WORK:

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

Name Paul Garrett

Address 321 Beech St.

 , 19

Clarksburg, WV 26301

GEOLOGICAL TARGET FORMATION: Oriskany Depth feet

Depth of completed well, 5350 feet Rotary x / Cable Tools

Water strata depth: Fresh, 1975 feet; salt, None feet.

Coal seam depths: None Is coal being mined in the area? NO

Work was commenced 1/9, 1981, and completed 1/17, 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		
Conductor	11 3/4	H-40	42	x		23	23	0 sks. Hinds
Fresh water	8 5/8	ERW	23	x		1576.27	1576.27	400 sks.
Coal	8 5/8	ERW	23	x		1576.27	1576.27	400 sks. Sides
Intermediate								
Production	4 1/2	N-80	11.60	x		5224	5224	500 sks. Bottom set
Tubing								
Liners								Perforations:
								Top Bottom
								2400 2850 <i>Wier</i>
								4041 4043 <i>Ballt</i>
								4684 4687
								5126 5129 <i>BNSN</i>

RECEIVED
MAR 12 1981

OIL & GAS DIVISION
DEPT. OF MINES

OPEN FLOW DATA

Producing formation Benson Pay zone depth 5126-29 feet

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

Combined Final open flow, 984 Mcf/d Final open flow, Bbl/d

Time of open flow between initial and final tests, 6 hours

Static rock pressure, 1200 psig (surface measurement) after 96 hours shut in

[If applicable due to multiple completion--]

4684-2850

Second producing formation Balltown, Gordon, & Weir Pay zone depth 2400-78 Weir 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

Continue on reverse side

MAR 23 1981

108-781

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

Benson: Perforations: 5126-29 (12 holes)

Fracturing 1000 lbs. 80/100 sand: 4,000 lbs. 20/40 sand: 600 Bbls. fluid.

Balltown: Perforations: 4684-87 (12 holes)

Fracturing: 10000lbs. 80/100 sand: 28,000 lbs. 20/40 sand: 700 gal. Acid:
450 Bbls. fluid.

Weir: Perforations: 2400-2850 (24 holes)

Fracturing: 15,000 lbs. 80/100 sand: 25,000 lbs. 20/40 sand: 1000 gal. Acid:
450 Bbls. fluid.

WELL LOG

FORMATION	Color	Hard or Soft	7 Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Clay			0	7	
Shale & sand			7	70	
Red rock, shale & sand			70	145	
Shale, red rock & sand			145	205	
Shale & red rock			205	785	Damp @ 795
Sand & shale			785	940	Damp @ 1367
Shale & red rock			940	970	
Sandy shale			970	1085	
Sand, shale & red rock			1085	1275	Gas ck @ 3188 - 30/10-1½" w/water 92,750 cu.ft.
Sand, shale & red rock			1275	1460	Gas ck @ 4887 10/10-1½" w/water 53,582 cu.ft.
Sand & shale			1460	1855	
Sand			1855	2055	Gas ck @ T.D. 20/10 - 1½" w/water 75,777 cu.ft.
Little Lime & shale			2055	2060	
Big Lime			2060	2120	
Injun			2120	2205	
Shale			2205	2400	
Weir			2400	2850	
Sand & shale			2850	3900	
Shale & sand			3900	4041	
Gordon			4041	4045	
Shale & sane			4045	4650	
Balltown			4650	4687	
Shale & sand			4687	5100	
Benson & Riley			5100	5135	
Lt. Brown Sand			5135	5145	
Shale			5145	5350 TD	

(Attach separate sheets to complete as necessary.)

J & J Enterprises, Inc.

Well Operator

By

Peter Battles

As

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-124

API Well No. 47-017-2704
State County Permi

WELL TYPE: Oil ___ / Gas X /
(If "Gas", Production X / Underground storage ___ / Deep X / Shallow ___ /)
LOCATION: Elevation: 1180 Watershed: Wolfpen Run
District: West Union County: Doddridge Quadrangle: West Union 7.5'

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 LEASE OWNER S. Porter Smith/Freeman P. Smith
Address 286 N. Grafton St,
Romney, WV 26757

COAL OPERATOR None
Address _____

ACREAGE 125
SURFACE OWNER S. Porter Smith
Address 286 N. Grafton ST.
Romney, WV 26757
ACREAGE 125

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name S. Porter Smith
Address 286 N. Grafton St.
Romney, WV 26757

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

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address 321 Beech St.
Clarksburg, WV 26301

RECEIVED
APR 28 1980

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 X / other contract ___ / dated Dec. 78, 19__ to the undersigned well operator from S. Porter Smith & Barbara Smith & Freeman P. Smith If said deed, lease, or other contract has been recorded:]

Recorded on May 1, 19__ 79, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, as Oil & Gas lease 108 at page 421. 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) _____

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

The above named well operator, coal owner(s), and coal lessee are hereby notified that any change 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 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 PHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
618 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 345-3093

BLANKET BOND

J & J Enterprises, Inc.
Well Operator
By 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, Co.

Address Box 48
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Oriskany

Estimated depth of completed well, 7470 feet Rotary / Cable tools /

Approximate water strata depths: Fresh, 1030 feet; salt, 1480 feet.

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

DRILLING AND TUBING PROGRAM

DRILLING 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		Kinds	Depths
Conductor	11 3/4	H-40	42	x		30	0	0 sks		None
Fresh water	8 5/8	ERW	23	x		1850	1850	465 sks.		
Coal	8 5/8	ERW	23	x		1850	1850	465 sks	Sizes	
Intermediate										
Production	4 1/2	N-80	11.60	x		7470	7470	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, unaccompanied 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 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 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.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

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 1-9-81

[Signature]
Deputy Director, Oil & Gas Division

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

W A I T 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.

By: _____

By _____
Its _____