

FILE NO. 81-871-0

DRAWING NO. \_\_\_\_\_

SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY 1/2500

PROVEN SOURCE OF ELEVATION EL. 2308 ON CO. RD. (3/10) 4600' S.E. OF WELL SITE AT STRIP ROAD.

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) John Robert Sales

R.P.E. 5566 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

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

FORM IV-6 (8-78)



DATE FEB. 24 1982

OPERATOR'S WELL NO. J-626

API WELL NO. \_\_\_\_\_

47-077-0221-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 \_\_\_ STORAGE X DEEP \_\_\_ SHALLOW X

LOCATION: ELEVATION 1800.0 WATER SHED CHEAT RIVER

DISTRICT PORTLAND COUNTY PRESTON

QUADRANGLE CUZZART

SURFACE OWNER INTERSTATE LUMBER CO. ACREAGE 420

OIL & GAS ROYALTY OWNER INTERSTATE LUMBER CO. LEASE ACREAGE 420

LEASE NO. I-12

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 \_\_\_

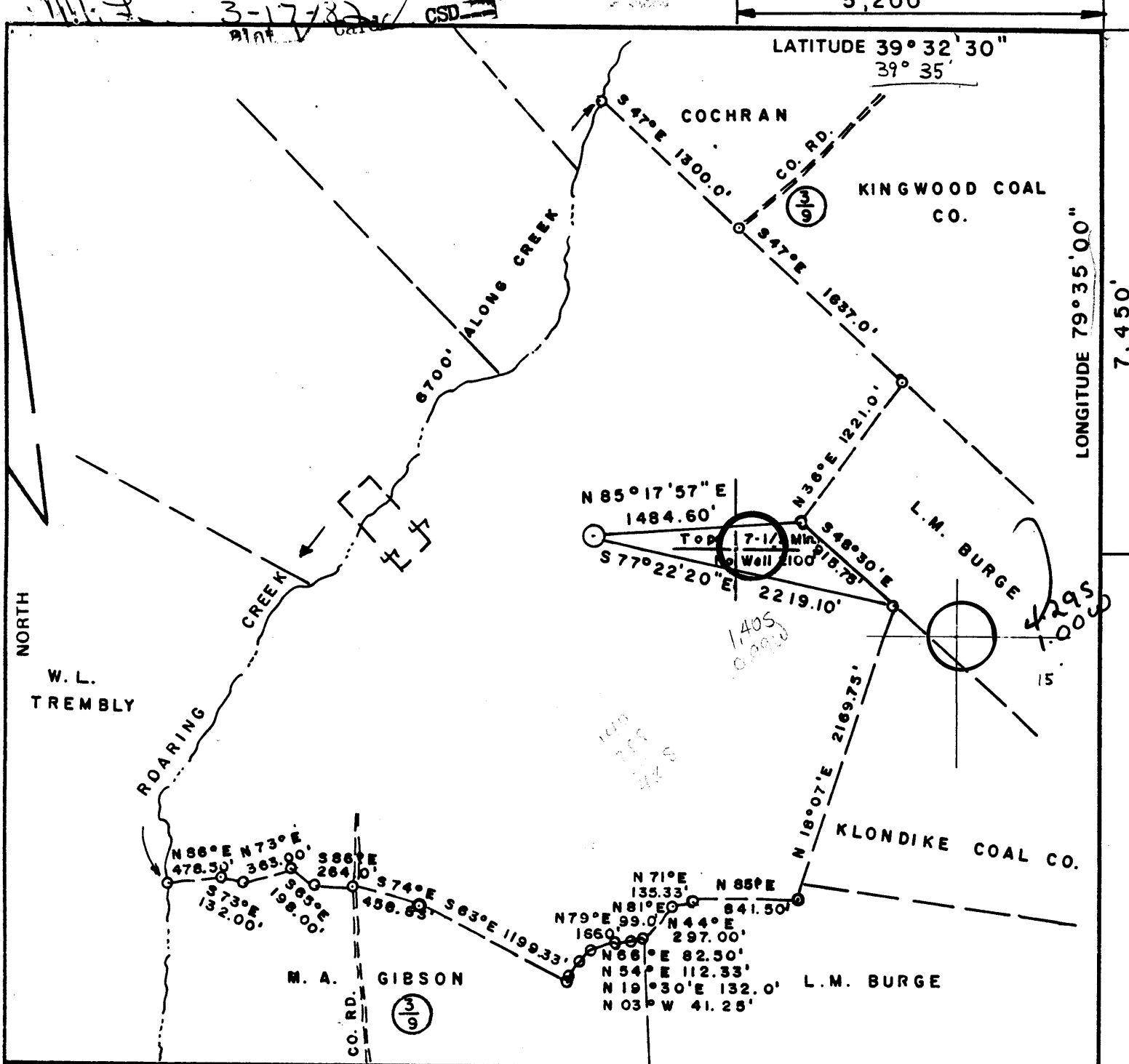
TARGET FORMATION HAWERTY ESTIMATED DEPTH 5300

WELL OPERATOR JB ENTERPRISES INC. DESIGNATED AGENT HARRY L. BARNETT

ADDRESS P.O. BOX 48 ADDRESS P.O. Box 48

BUCKANNON W. VA. 26201 Buckhannon, WV 26201

DEC 09 1984



FILE NO. 81-871-0  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/2500  
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 (SIGNED) \_\_\_\_\_  
 R.P.E. 5566 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

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



DATE FEB. 24, 1982  
 OPERATOR'S WELL NO. J-626  
 API WELL NO. \_\_\_\_\_  
47 - 077 - 0221  
 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 \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1800.0 WATER SHED CHEAT RIVER  
 DISTRICT PORTLAND COUNTY PRESTON  
 QUADRANGLE CUZZART Buckdon Mills 15' SC  
 SURFACE OWNER INTERSTATE LUMBER CO. ACREAGE 420  
 OIL & GAS ROYALTY OWNER INTERSTATE LUMBER CO. LEASE ACREAGE 420  
 LEASE NO. I-12

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 HAVERTY ESTIMATED DEPTH 5300  
 WELL OPERATOR JB ENTERPRISES INC. DESIGNATED AGENT HARRY L. BARNETT  
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48  
BUCKANNON W. VA. 26201 BUCKANNON, WV 26201

APR 2 1982



IV-35  
(Rev 8-81)

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DEPT. OF MINES

State of West Virginia  
Department of Mines  
Oil and Gas Division

Date September 10, 1984  
Operator's  
Well No. J-626  
Farm Interstate Lumber Co.  
API No. 47 - 077 - 0221

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

WELL TYPE: Oil \_\_\_ / Gas x / Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
(If "Gas," Production x / Underground Storage \_\_\_ / Deep \_\_\_ / Shallow x /)

LOCATION: Elevation: 1800 Watershed Cheat River  
District: Portland County Putnam Quadrangle Cuzzart

COMPANY J&J Enterprises, Inc.

ADDRESS P.O. Box 48, Buckhannon, WV 26201

DESIGNATED AGENT Richard Reddecliff

ADDRESS P.O. Box 48, Buckhannon, WV 26201

SURFACE OWNER Donald Frazee

ADDRESS 601 E. Main St., Kingwood, WV 26537

MINERAL RIGHTS OWNER Same as surface

ADDRESS \_\_\_\_\_

OIL AND GAS INSPECTOR FOR THIS WORK Wm.

Blosser ADDRESS Rt. # 4, Box 317

Fairmont, WV 26564

PERMIT ISSUED 3/16/82

DRILLING COMMENCED 3/25/82

DRILLING COMPLETED 3/31/82

IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSON OBTAINED  
ON \_\_\_\_\_

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
13-10"	30	0	0 sks.
9 5/8			
8 5/8	711	711	170 sks
7			
5 1/2			
4 1/2	No 4 1/2" run.		Well is to be plugged
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Haverty Depth 5300 feet

Depth of completed well 3477 feet Rotary x / Cable Tools \_\_\_\_\_

Water strata depth: Fresh 85,335 feet; Salt 0 feet

Coal seam depths: 130-35, 255-60, 320-25, 350-55 Is coal being mined in the area? No  
475-500

OPEN FLOW DATA

Producing formation None Pay zone depth \_\_\_\_\_ feet

Gas: Initial open flow 0 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 \_\_\_\_\_ 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 Oil: 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)  
OCT 29 1984

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

No production casing ran  
Well being evaluated

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fres and salt water, coal, oil and ga
Fill			0	18	
Shale & sand			18	130	
Coal			130	135	½" stream @ 85'
Sand & shale			135	255	
Coal			255	260	1½" stream @ 335
Shale & sand			260	320	
Coal			320	325	Gas ck @ 3047 No show
Shale & sand			325	350	
Coal			350	355	Gas ck @ 3477 No show
Sand			355	470	
Coal			470	500	
Red rock & shale			500	610	
Shale & sand			610	685	
Red rock & shale			685	847	
Big Lime			847	950	
Big Injun			950	1048	
Sand & shale			1048	2292	
5th sand			2292	2380	
Sand & shale			2380	2780	
Speechley			2780	2850	
Shale			2850	2965	
Balltown			2965	3015	
Shale			3015	3250	T.D.

(Attach separate sheets as necessary)

J&J Enterprises, Inc.

Well Operator

By:  Robert Dahlin-Geologist

Date: 9/10/84

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 all encountered in the drilling of a well."

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-626  
API Well No. 47 - 077 - 0221  
State County Permit

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

LOCATION: Elevation: 1800 Watershed: Cheat River  
District: Portland County: Preston Quadrangle: Cuzzart

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 Donald Frazee  
Address C/O Interstate Lumber CO.  
601 E. Main St.  
Kingwood, WV 26537

COAL OPERATOR None  
Address:     

ACREAGE 420  
SURFACE OWNER Maxine & Wilmoth Feather  
Address Albright, WV 26519  
ACREAGE 105

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Interstate Lumber CO.  
Address 601 E. Mian St.  
Kingwood, WV 26537

FIELD SALE (IF MADE) TO:  
Name Unknown  
Address     

Name       
Address     

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name William Blosser  
Address Rt. # 4, Box 317  
Fairmont, WV 26564

COAL LESSEE WITH DECLARATION ON RECORD:  
Name None  
Address     

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MAR 16 1982

OIL AND GAS DIVISION  
WV DEPARTMENT 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 10/23, 1981, to the undersigned well operator from S & S, Inc.

[If said deed, lease, or other contract has been recorded:]  
Recorded on 12/28, 1981, in the office of the Clerk of the County Commission of Preston County, West Virginia, in Oil&Gas lease Book 4 at page 53. 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 modification they wish to make or are required to make by Code § 12-4-3 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 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, Haverty

Estimated depth of completed well, 5300 feet Rotary  / Cable tools \_\_\_\_\_  
Approximate water strata depths: Fresh, 75 feet; salt, 950 feet.  
Approximate coal seam depths: 200 Is coal being mined in the area

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 <sup>3</sup> / <sub>4</sub>	H-40	42	x		30	0	0 sks.	Kinas
Fresh water	8 <sup>5</sup> / <sub>8</sub>	ERW	23	x		1400	1400	to surf.	
Coal	8 <sup>5</sup> / <sub>8</sub>	ERW	23	x		1400	1400	to surf.	Sizes
Intermediate									
Production Tubing	4 <sup>1</sup> / <sub>2</sub>	J-55	10.5	x		5250	5250	400 sks.	Depths set
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 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,  
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY  
APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE  
IF OPERATIONS HAVE NOT COMMENCED BY 11-17-82.  
BY [Signature]

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 WELLS DIVISION

**RECEIVED**  
OIL & GAS DIVISION  
DEPT. OF MINES  
1984

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Coal Operator or Owner  
\_\_\_\_\_  
Address  
Interstate Lumber Company  
Coal Operator or Owner  
601 East Main Street  
\_\_\_\_\_  
Address  
Kingwood, West Virginia 26537  
Lease or Property Owner  
Donald Frazee, C/O Interstate  
\_\_\_\_\_  
Address  
601 E. Main Street, Kingwood, WV 26537

J & J ENTERPRISES, INC.  
\_\_\_\_\_  
Name of Well Operator  
P.O. Box 48, Buckhannon, WV 26201  
\_\_\_\_\_  
Complete Address  
October 22 19 84  
\_\_\_\_\_  
WELL AND LOCATION  
Portland District  
\_\_\_\_\_  
Preston County  
\_\_\_\_\_  
WELL NO. J-626  
\_\_\_\_\_  
Farm

STATE INSPECTOR SUPERVISING PLUGGING Don Ellis

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Upshur ss:

John Daugherty 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 and were employed by J & J ENTERPRISES, INC. & S.W. JACK DRILLING, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 25th day of September, 19 84, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
		8 5/8		711'
Bradford 3276-3260	6% Gel. 3477'-3300 Cement 3300'-3200'			
	6% Gel. 3200-3050			
Balltown 3015-2965	Cement 3050-2750			
Speechleg 2850-2780	6% Gel. 2750-2350			
5th 2320-2292	Cement 2350-2050			
4th 2170-2110	6% Gel. 2050-825 Cement 825-725			
	6% Gel. 725-Surface			
Coal Seams 130-135			Description of Monument	
(Name) 255-260			Monument vented	
(Name) 320-325				
(Name) 350-355				
(Name) 475-500				

and that the work of plugging and filling said well was completed on the 25th day of September, 19 84.

And further deponents saith not.

Sworn to and subscribed before me this 22th day of October, 19 84.

John Daugherty  
Daniel Stark  
Joyce Davis  
Notary Public

My commission expires:  
9/30/94

Permit No. 47-077-0221