



FILE NO DE 2-6,9
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION 1600' NE OF LOCATION. ELEV. 935'

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) Paul H. Dean
 R.P.E. 1856 L.L.S. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV 6
 18781



DATE MAY 16, 1980
 OPERATOR'S WELL NO. J-255
 API WELL NO. _____
47 - 049 - 0677
 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 1132' WATER SHED LITTLE BINGAMON CREEK
 DISTRICT LINCOLN COUNTY MARION
 QUADRANGLE SHINNSTON 7.5' CLARKSBURG 15' NE
 SURFACE OWNER ROCHESTER & PITTSBURGH COAL CO. ACREAGE 45.58
 OIL & GAS ROYALTY OWNER EDWARD TEKIELI LEASE ACREAGE 14.7
 LEASE NO. J:J:18
 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 BENSON ESTIMATED DEPTH 5000'
 WELL OPERATOR J:J ENTERPRISES, INC. DESIGNATED AGENT HARRY BARNETT
 ADDRESS P.O. Box 48 ADDRESS P.O. Box 48
BUCKHANNON, W. VA. 26201 BUCKHANNON, W VA 26201

FORM IV-35
(Obverse)

Operator's Well No. J-255
API Well No. 47 - 049 - 677
State County Perm

[08-78,

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

TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas", Production / Underground storage / Deep / Shallow /)
Elevation: 1132 Watershed: Little Bingamon Creek
District: Lincoln County: Marion Quadrangle: Shinnston 7.5'

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

ADDITIONAL 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 7-25, 19 80 OIL & GAS INSPECTOR FOR THIS WORK:
Name William Blosser
Address P.O. Box 1028
Colfax, WV 26566

LOGICAL TARGET FORMATION: Benson Depth _____ feet
Depth of completed well, 4,727 feet Rotary / Cable Tools _____
Water strata depth: Fresh 230, 137 feet; salt, None feet.
Coal seam depths 105-08, 275-79, 1070-77 Is coal being mined in the area? No
Work was commenced 9-3, 19 80, and completed 9-10, 19 80

LOGGING AND TUBING PROGRAM

LOGGING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Suctor	113/4	H-40	42	x		336	336	200 sks. Kinds
Sh water	8 5/8	ERW	23	x		1436	1436	350 sks.
	8 5/8	ERW	23	x		1436	1436	350 sks. Sizes
Intermediate								
Production	4 1/2	J-55	10.5	x		4169	4169	590 sks. Depths set
Perforations								Perforations:
								Top Bottom
								2381 2387
								2705 2709
								3692 3756
								4007 4063

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OCT 21 1980 OCT 15 1980

OIL & GAS DIVISION OIL & GAS DIVISION
DEPT. OF MINES DEPT. OF MINES

FLOW DATA
Producing formation Bradford Pay zone depth 4007-4063 feet
Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d
Combined Final open flow, 492 Mcf/d Final open flow, _____ Bbl/d
Time of open flow between initial and final tests, 4 hours
Static rock pressure, 1250 psig (surface measurement) after 96 hours shut in.
[If applicable due to multiple completion--] 3692-3756
2705-2709
Second producing formation Balltown, 5th sand, 30 ft. sand. Pay zone depth 2381-2387 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

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B-78]

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

Bradford: Perforations: 4007-4063 (10 holes)
Fracturing: 150 lbs. Citric Acid: 100 sks. 80/100 sand: 200 sks. 20/40 sand: 400 Bbls. fluid.

Balltown: Perforations: 3692-3756 (3 holes)
Fracturing: 500 gal. Acid: 150 sks. 80/100 sand: 300 sks. 20/40 sand: 500 Bbls. fluid.

Fifth Sand: Perforations: 2705-2709 (13 holes)
Fracturing: 500 gal. Acid: 100 sks. 80/100 sand: 200 sks. 20/40 sand: 300 Bbls. fluid.

30 ft. Sand: Perforations: 2381-2387 (13 holes)
Fracturing: 500 gal. Acid: 100 sks. 80/100 sand: 200 sks. 20/40 sand: 300 Bbls. fluid.

L LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Conductor			0	25	
Sand			25	100	
Sandy shale			100	105	
Coal			105	108	
Sand & shale			108	245	
Sand			245	275	
Coal			275	279	
Sand			279	405	
Sand & shale			405	710	
Sand			10	945	
Sand & shale			945	1015	
Sand			1015	1070	
Coal			1070	1077	1/2" stream water @ 1230
Sand			1077	1415	
Sandy shale & red rock			1415	1635	1" stream water @ 1370
Little lime			1635	1655	
Big Lime			1655	1720	
Sand & sandy shale			1720	2270	
Sand			2270	2381	
30 ft. sand			2381	2435	
Sandy shale			2435	2515	
Sand			2515	2705	
Fifth sand			2705	2710	
Sandy shale			2710	3230	
Sand			3230	3380	
Sandy shale			3380	3692	
Balltown			3692	3780	
Sandy shale			3780	3930	
Sand			3930	3985	Gas ck @ 3225 No show
Sandy shale			3985	4007	Gas ck. @ 3715 No show
Bradford			4007	4063	
Sandy shale			4063	4927	
				T.D. 4927	

(Attach separate sheets to complete as necessary)

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

E: 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."

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-255 API Well No. 47-049-677 State County Perm

WELL TYPE: Oil / Gas X (If "Gas", Production X / Underground storage / Deep / Shallow X) LOCATION: Elevation: 1132 District: Lincoln County: Marion Quadrangle: Shinnston 7.5

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

DESIGNATED AGENT H.L. Barnett Address P.O.Box 48 Buckhannon W.V. 26201

OIL & GAS ROYALTY OWNER Edward Tekieli Address P.O. Box 41 Rachel, WV 26587 Acreage 147

COAL OPERATOR None Address

SURFACE OWNER Rochester & Pittsburgh Coal Co. Address 655 Church St. Indiana Pa. Acreage 45.58

COAL OWNER(S) WITH DECLARATION ON RECORD: Name Rochester & Pittsburgh Coal Company Address 655 Church St. Indiana, Pa. 15701

FIELD SALE (IF MADE) TO: Name Address

COAL LESSEE WITH DECLARATION ON RECORD: Name Consolidation Coal Co. Address Rts. 48 & 119 Morgantown, WV 26505

OIL & GAS INSPECTOR TO BE NOTIFIED Name Robert Bates Address 109 Minnich St. Weston W.V. 26452

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 Jan. 14, 1980, to the undersigned well operator from Edward & Genevieve Tekieli

If said deed, lease, or other contract has been recorded: recorded on 19 in the office of the Clerk of the County Commission of Marion county, West Virginia, in Deed Book 824 at page 1021. 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 action they wish to take or are required to make by Code 5-22-2-1 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 declaration shall be delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the month of 1980. This Permit Application to the Department of Mines, Charleston, West Virginia.



JUL 25 1980

PLEASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1 WASHINGTON STREET EAST CHARLESTON, WV 25311

OIL & GAS DIVISION DEPT. OF MINES J & J Enterprises, Inc.

BLANKET BOND

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 Co.

Address Bcx 48
Buckhannon, WV 26201
Buckhannon WV 26201

GEOLOGICAL TARGET FORMATION, Benson

Estimated depth of completed well, 5000 feet Rotary / Cable tools

Approximate water strata depths: Fresh, 60 feet; salt, 1200 feet.

Approximate coal seam depths: 450 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	113/4	H-40	42	x		30	30	0 sks.	Kinds
Fresh water	85/8	ERW	23	x		1300	1300	250 sks.	
Coal	85/8	BERW	23	x		1300	1300	250 sks.	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	x		4950	4950	400 sks.	Depth 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 plan 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 § 22-4-11a, 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 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 4-9-81.

[Signature]
Deputy Director - Oil & Gas Division

The following notice must be completed by the well operator, owner, or coal lessee who has recorded a declaration under Code § 22-4-11, if the permit is to be issued within fifteen (15) days of receipt thereof:

NOTICE

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 is furnished with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19__

By _____
Its _____