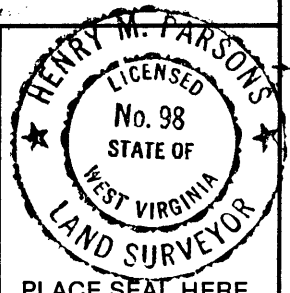


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 85-6600
DRAWING NO. 85-6600-B
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 IN 2500
PROVEN SOURCE OF ELEVATION ROAD INTERSECTION OF 1377 ON LITTLETON TOPO

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 ENERGY.
(SIGNED) Henry M. Parsons
R.P.E. _____ L.L.S. No. 98



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE OCT 21, 19 85
OPERATOR'S WELL NO. RINEHART # 2
API WELL NO.

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
LOCATION: ELEVATION 1414 WATERSHED FISH CREEK
DISTRICT LIBERTY COUNTY MARSHALL
QUADRANGLE LITTLETON
SURFACE OWNER MINNIE B. RINEHART ETAL ACREAGE 130
OIL & GAS ROYALTY OWNER MINNIE B. RINEHART ETAL LEASE ACREAGE 130
LEASE NO. HB-315-13
PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

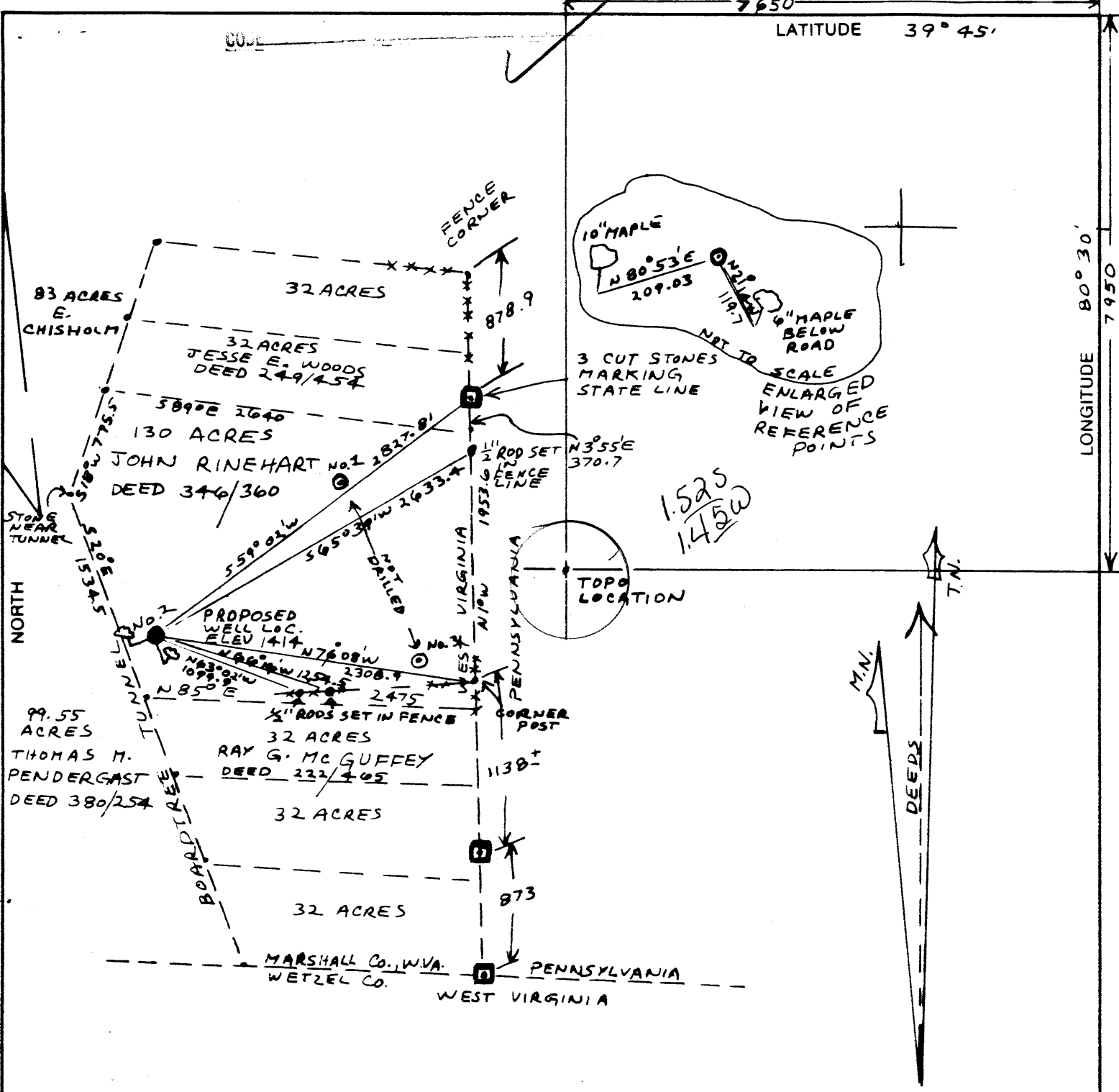
CANCELLED

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION FIFTH SANDSTONE ESTIMATED DEPTH 3525'
WELL OPERATOR HADDAD AND BROOKS INC. DESIGNATED AGENT HENRY M. PARSONS
ADDRESS 905 WASHINGTON ROAD- WASHINGTON, PA 15301 ADDRESS 121 GLENVIEW DRIVE- NEW MARTINSVILLE, W.V. 26155

MAR 25 1988

FORM WW-6
H.T. HALL 48673

MARSH COUNTY NAME
0714 PERMIT



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

FILE NO. 85-6600
 DRAWING NO. 85-6600-B
 SCALE 1" = 1000
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
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 (SIGNED) Henry M. Parsons
 R.P.E. _____ L.L.S. No. 98



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE OCT 21, 19 85
 OPERATOR'S WELL NO. RINEHART # 2
 API WELL NO.

47 - 051 - 0714
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1414 WATERSHED FISH CREEK

DISTRICT LIBERTY 4 COUNTY MARSHALL
 QUADRANGLE LITTLETON 438 067 NE 3

SURFACE OWNER MINNIE B. RINEHART ETAL ACREAGE 130
 OIL & GAS ROYALTY OWNER MINNIE B. RINEHART ETAL LEASE ACREAGE 130

LEASE NO. HB-315-13
 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 FIFTH SANDSTONE ESTIMATED DEPTH 3525'
 WELL OPERATOR HADDAD AND BROOKS INC. 361 DESIGNATED AGENT HENRY M. PARSONS
 ADDRESS 905 WASHINGTON ROAD- WASHINGTON, PA 15301 ADDRESS 121 GLENVIEW DRIVE- NEW MARTINSVILLE, WV 26155

DEC 10 1985

COUNTY NAME
 PERMIT

FORM WW-6
 N.T. HALL 48073

7/85

RECEIVED
NOV 4 1985



1) Date: October 28, 1985

2) Operator's Well No. Rinehart #2

3) API Well No. 47-051-0714
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, OIL AND GAS DIVISION
APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas _____
B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: 1414' Watershed: Fish Creek
District: Liberty 367 County: Marshall Quadrangle: Littleton
- 6) WELL OPERATOR Haddad & Brooks, Inc. CODE: 20450 7) DESIGNATED AGENT Henry M. Parsons
Address 905 Washington Road Address 121 Glenview Drive
Washington, PA 15301-1153 New Martinsville, WV 26155
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Robert A. Lowther 9) DRILLING CONTRACTOR:
Address General Delivery Name Not yet known
Middlebourne, WV 26149 Address _____
- 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate
Plug off old formation _____ / Perforate new formation _____
Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Fifth Sandstone 482
12) Estimated depth of completed well, 3525 feet
13) Approximate strata depths: Fresh, Unknown feet; salt, Unknown feet.
14) Approximate coal seam depths: 859', 1133', 1239' is coal being mined in the area? Yes / No _____
- 15) 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	38#		X	1270'	1270'	CTS by rule 15.05	Kinds
Fresh water									Sizes
Coal									
Intermediate	8 5/8"	J-55	23#	X		1690'	1690'	450 sks CTS	
Production	4 1/2"	J-55	10.5#	X			3525'	130 sacks	Depths set
Tubing									
Lin...									Perforations:
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number: 47-051-0714

December 6 1985
Date

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires December 6, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>RLB</u>	Plat: <u>ML</u>	Casing: <u>ML</u>	Fee: <u>A122.05</u>	WPCP: <u>ML</u>	S&E: <u>ML</u>	Other: _____
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NOTE: Keep one copy of this permit posted at the drilling location.

[Signature]
Director, Division of Oil and Gas

File