

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION D. BOWEN WELL NO. 1
 ELEV. 1228'

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) Douglas P. Moats
 R.P.E. 7002 L.L.S.

PLACE SEAL HERE

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



DATE JUNE 24, 19 81
 OPERATOR'S WELL NO. D. BOWEN NO. 2
 API WELL NO. _____
47 - 017 - 3029
 STATE COUNTY PERMIT

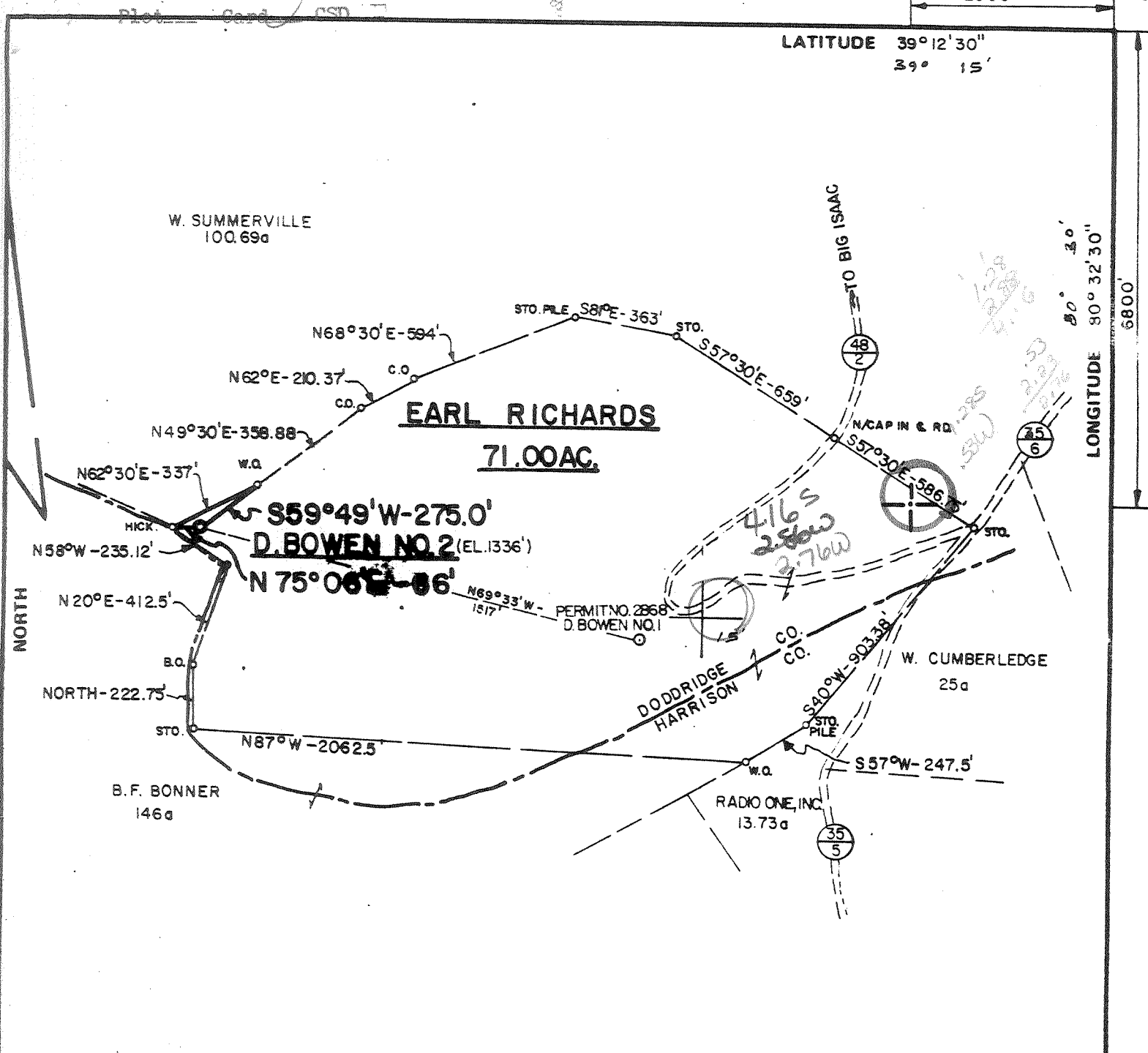
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

Cancelled

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1336' WATER SHED BRANCH OF LAUREL RUN
 DISTRICT GREENBRIER COUNTY DODDRIDGE
 QUADRANGLE BIG ISAAC 7.5'
 SURFACE OWNER EARL RICHARDS ACREAGE 71.00
 OIL & GAS ROYALTY OWNER DOVENER BOWEN, ET. AL. LEASE ACREAGE 71.00
 LEASE NO. _____
 PROPOSED WORK: DRILL X 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 5550'
 WELL OPERATOR STUART PETROLEUM c/o HANLEY & DESIGNATED AGENT BERRY WATERS, WARNER & HARRIS
 ADDRESS 28 KENNEDY STREET BIRD ADDRESS P.O. BOX 1716
BRADFORD, PA. 16701 CLARKSBURG, W.VA. 26301

DEC 03 1984



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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 1336' WATER SHED BRANCH OF LAUREL RUN
 DISTRICT GREENBRIER COUNTY DODDRIDGE
 QUADRANGLE BIG ISAAC 7.5' 7.5' NE
 SURFACE OWNER EARL RICHARDS ACREAGE 71.00
 OIL & GAS ROYALTY OWNER DOVENER BOWEN, ET. AL. LEASE ACREAGE 71.00
 LEASE NO. _____
 PROPOSED WORK: DRILL X 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 5550'
 WELL OPERATOR STUART PETROLEUM CO/HANLEY & DESIGNATED AGENT BERRY WATERS, WARNER & HARRIS
 ADDRESS 28 KENNEDY STREET BIRD ADDRESS P.O. BOX 1716
BRADFORD, PA. 16701 CLARKSBURG, W.VA. 26301

JUL 31 1981



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED
JUL - 6 1981

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.

Surface Owner Earl Richards et ux
Address Rt. 3, Salem, WV 26426
General Owner Dovener Bowen et al
Address Rt. 2, Box 145A, Jane Lew, WV 26372
Coal Owner Eastern Associated Coal Corp.
Address Koppers Bldg., Pittsburgh, PA 15219
Well Operator None
Address _____

DATE July 1, 1981
Company Stuart Petroleum Co. c/o Hanley & Bird
Address 28 Kennedy St., Bradford, PA 16701
Farm D. Bowen et al Acres 71
Location (waters) Branch of Laurel Run
Well No. #2 (two) Elevation 1336'
District Greenbrier County Doddridge
Quadrangle Big Isaac 7 1/2'

THIS PERMIT MUST BE POSTED AT THE WELL SITE

provisions being in accordance with Chapter 22, the W. Va. Code, the location is hereby approved for drilling _____.

operations have not commenced by 3-21-82.

John B. Buckett
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Steven L. Casey

ADDRESS Jane Lew, West Virginia

PHONE (304) 884-7470

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee thereto, (or as the case may be) under grant or lease dated September 18, 1971 by William K. Finch et ux made to Earl Richards and recorded on the 20 day of July 72, in Doddridge County, Book 96 Page 140.

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1960.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days.

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators and coal owners at their above shown respective address _____ day _____ before, or on the _____ day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO:

OFFICE OF OIL AND GAS
15 Washington Street, East
Charleston, West Virginia
Area Code 304 -348-3092 348-3096

Address of Well Operator

Very truly yours,
(Sign Name) Conrad R. De CONSULTANT
Well Operator
Stuart Petroleum Company
28 Kennedy Street
Bradford
City or Town
Pennsylvania 16701
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved the well operator authorized to proceed.

BLANKET BOND

47-017-3029

PERMIT NUMBER

I have read and understand the reclamation requirements as set forth in page 22, Appendix A, Section 12 b and will carry out the specified requirements.

By Berry, Waters, Wagner & Harris
AGENT FOR HANLEY & BIRD

PROPOSED WORK ORDER TO DRILL DEEPEN FRACTURE STIMULATE
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT:
 NAME Unknown NAME Berry, Waters, Warner & Harris
 ADDRESS _____ ADDRESS P. O. Box 1716, Clarksburg, WV 26301
 TELEPHONE _____ TELEPHONE 304-624-5571
 ESTIMATED DEPTH OF COMPLETED WELL 5550' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Alexander
 TYPE OF WELL OIL _____ GAS X COMB _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

PROPOSED CEMENT CEMENT PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT FILL UP OR SACKS - (THICK ET)
16			
10	30'	30'	Circulate
5/8			
5/8	1300'	1300'	Circulate
		5450'	545 Sks, or as reqd. Net Top by rule 15.61 Net Bottom
			Net Top Net Bottom

APPROXIMATE FRESH WATER DEPTHS 160 FEET SALT WATER 1150 FEET
 APPROXIMATE COAL DEPTHS 200; 650'
 COAL BEING MINED IN THE AREA? No BY WHOM? _____

DRILL:
 SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

DRILL DEEPER OR REDRILL:
 SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND ON WELLS DRILLED PRIOR TO 1929. A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

FRACTURE - STIMULATE:
 OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 1, 1929, FIVE (5) COPIES (M - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.
 OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 1, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt of proof.

I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

 For Coal Company
 Official Title