

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1' in 200'  
 PROVEN SOURCE OF ELEVATION USGS BM 947 JCT. RTS. 25 & 27 BIG ISAAC QUAD

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) *Wayne D. Hester*  
 R.P.E. \_\_\_\_\_ L.L.S. 624'

*Norton Surveys + Consulting, Inc.*

PLACE SEAL HERE

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



DATE JUNE 4, 19 83  
 OPERATOR'S WELL NO. FREEMAN-1  
 API WELL NO. \_\_\_\_\_  
47 - 017 - 3234  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

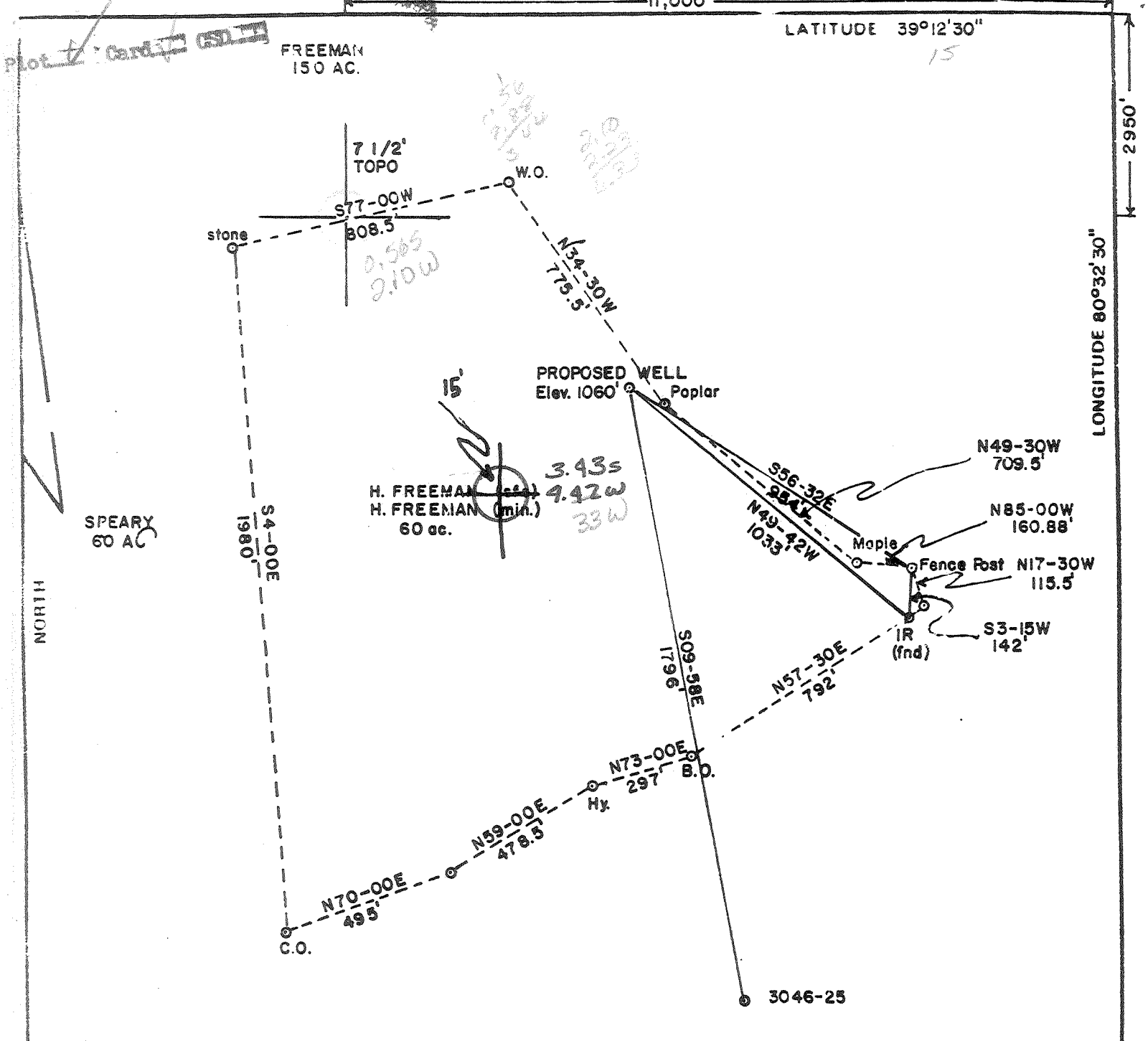
*Cancelled*

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION ELEVATION 1060' WATERSHED BONNET FORK  
 DISTRICT GREENBRIER COUNTY DODDRIDGE  
 QUADRANGLE BIG ISAAC 252 123 NE 3  
 SURFACE OWNER HUGH FREEMAN ACREAGE 60  
 OIL & GAS ROYALTY OWNER HUGH FREEMAN LEASE ACREAGE 60  
 LEASE NO. 51-

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 DEVONIAN SHALE ESTIMATED DEPTH 5900'  
 WELL OPERATOR KEPCO, INC. DESIGNATED AGENT E.L. STUART  
 ADDRESS 430 BOULEVARD OF THE ALLIES ADDRESS P.O. BOX 1550  
PITTSBURGH, PA. 15219 CLARKSBURG, W.V. 26301

DODD. 3234



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 (SIGNED) [Signature]  
 R.P.E. \_\_\_\_\_ L.L.S. 624'

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 FORM IV-6 (8-78)



DATE JUNE 4, 19 83  
 OPERATOR'S WELL NO. FREEMAN-1  
 API WELL NO. \_\_\_\_\_  
47 - 017 - 3234  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

JUL 05 1983

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION ELEVATION 1060' WATER SHED BONNET FORK  
 DISTRICT GREENBRIER COUNTY DODDRIDGE  
 QUADRANGLE BIG ISAAC Vadis 15' NE  
 SURFACE OWNER HUGH FREEMAN ACREAGE 60  
 OIL & GAS ROYALTY OWNER HUGH FREEMAN LEASE ACREAGE 60  
 LEASE NO. 51-  
 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 DEVONIAN SHALE ESTIMATED DEPTH 5900'  
 WELL OPERATOR KEPCO, INC. DESIGNATED AGENT E.L. STUART  
 ADDRESS 430 BOULEVARD OF THE ALLIES ADDRESS P.O. BOX 1550  
PITTSBURGH, PA. 15219 CLARKSBURG, W.V. 26301



1) Date: June 6, 19 83  
2) Operator's Well No. Freeman #1 WK-196  
3) API Well No. 47 017 3234  
State County Permit

DRILLING CONTRACTOR:

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil          Gas X  
B (If "Gas", Production X) Underground storage          Deep          Shallow X)
- 5) LOCATION: Elevation: 1060 Watershed: Bonnet Fork  
District: Greenbriar County:  Doddridge Quadrangle: Big Issac
- 6) WELL OPERATOR Kepeco, Inc. 11) DESIGNATED AGENT E. L. Stuart  
Address 436 Blvd. of the Allies Address P. O. Box 1550  
Pittsburgh, Pa. Clarksburg, W. Va. 26301
- 7) OIL & GAS ROYALTY OWNER Mark Freeman et al 12) COAL OPERATOR None  
Address Route #3 Address           
Salem, West Virginia 26426  
Acreage 60
- 8) SURFACE OWNER High Freeman c/o Juanita Freeman 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Address Route #3 Name Willis G. Tetrick, Jr., et al  
Salem, West Virginia 26426 Address P. O. Box 267  
Acreage 60 Clarksburg, West Virginia
- 9) FIELD SALE (IF MADE) TO:  
Address          Name           
Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:  
Name Stephen Lee Casey Name           
Address Good Hope Road Address           
Jane Lew, W. Va. 884-7470
- 15) PROPOSED WORK: Drill X / Drill deeper          / Redrill          / Fracture or stimulate           
Plug off old formation          / Perforate new formation           
Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Devonian Shale
- 17) Estimated depth of completed well, 5500' feet
- 18) Approximate water strata depths: Fresh, to 150' feet; salt, No feet.
- 19) Approximate coal seam depths: 309'-1000' Is coal being mined in the area? Yes          / No X

**RECEIVED**  
JUN - 8 1983

OIL & GAS DIVISION  
DEPT. OF MINES

20) 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	13"-16"				X	20'	20'	Ont. to surface	
Fresh water									
Coal	8 5/8"	23				1210'	1210'	Ont. to surface	
Intermediate									
Production	4 1/2	10.5				5500'	5500'	Ont. to 300	
Tubing								above pay	
Liners								horizons	

- 21) EXTRACTION RIGHTS  
Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
- 22) ROYALTY PROVISIONS  
Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes  No
- If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.
- 23) Required Copies (See reverse side.)
- 24) 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.
- Notary:          Signed:           
My Commission Expires          Its: OPERATIONS MANAGER

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-017-3234 Date June 30 19 83

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. 10) 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.)

Permit expires March 1, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casings:	Fee:
<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>

          
Administrator, Office of Oil and Gas