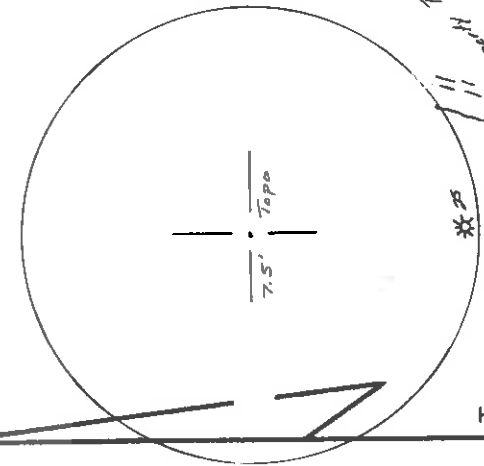


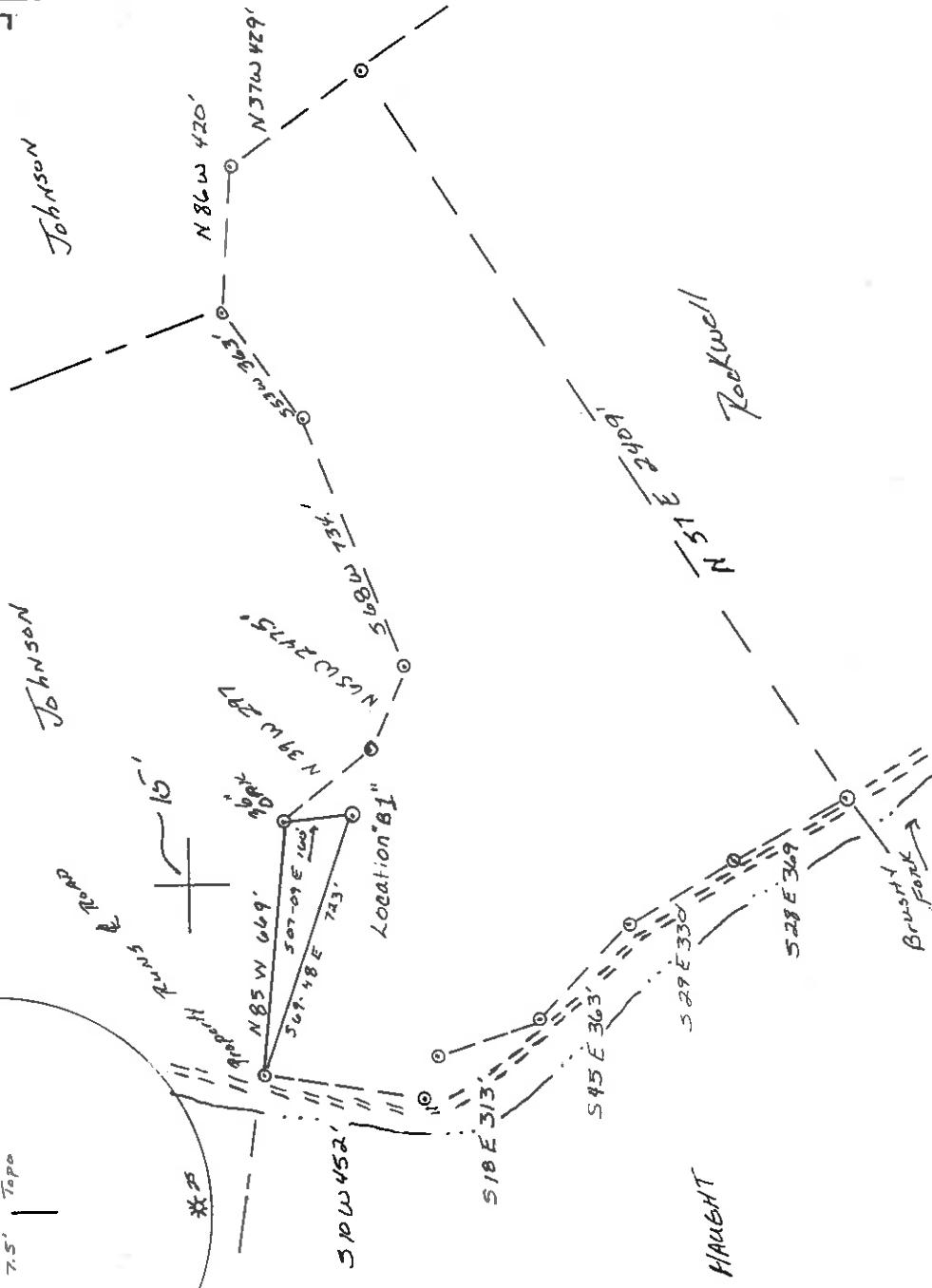
13,350'

LATITUDE 39° 12' 30"

LONGITUDE 80° 37' 30"



NORTH



FILE NO. 001-01  
 DRAWING NO. 83-23  
 SCALE 1"=500'  
 MINIMUM DEGREE OF ACCURACY 1/4" TO 200'  
 PROVEN SOURCE OF ELEVATION 880' Road Crossing  
 SOURCE of LOCATION

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) David M. Owen  
 R.P.E. L.L.S. 743

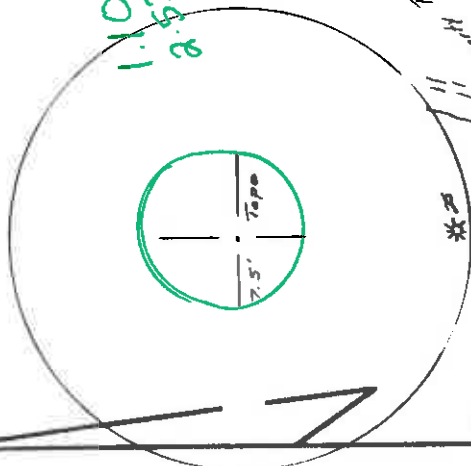
PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1131' WATER SHED Brushy Fork & Meathouse Fork  
 DISTRICT New Milton COUNTY Doddridge  
 QUADRANGLE New Milton VP  
 SURFACE OWNER BLANCHE I HAUGHT ACREAGE 53.0  
 OIL & GAS ROYALTY OWNER MARY POST et al LEASE ACREAGE 53.0  
 LEASE NO. WV-0821  
 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 ELK ESTIMATED DEPTH 5900'  
 WELL OPERATOR Sweet Energy Co DESIGNATED AGENT Tim BENNETT  
 ADDRESS 70 Box 1556 ADDRESS PO Box 1550  
Clarksburg, W.V. 26301



FILE NO. 001-01  
 DRAWING NO. 83-23  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/4" = 200'  
 PROVEN SOURCE OF ELEVATION 880' Road Crossing  
 South of Location

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) David M. Chew  
 R.P.E. \_\_\_\_\_ L.L.S. 743

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE NOV 9, 1983  
 OPERATOR'S WELL NO. POST "B" No. \_\_\_\_\_  
 API WELL NO. 47-017-3270

STATE \_\_\_\_\_ COUNTY \_\_\_\_\_ PERMIT \_\_\_\_\_

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1131' WATER SHED Brushy Fork & Meathouse Fork  
 DISTRICT New Milton COUNTY Doddridge  
 QUADRANGLE New Milton Section 15' NC ACREAGE 53.0  
 SURFACE OWNER BLANCHE I HAUGHT  
 OIL & GAS ROYALTY OWNER MARY POST et al LEASE ACREAGE 53.0  
 LEASE NO. 444-0921

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 ELK ESTIMATED DEPTH 5900'  
 WELL OPERATOR Jewett Energy Co DESIGNATED AGENT LIM BENNETT  
 ADDRESS Po Box 1556 ADDRESS Po Box 1550  
Clarksburg WV 26301 Clarksburg WV 26301

DEC 19 1983





1) Date: November 16, 19 83  
 2) Operator's Well No. Mary Post 'B'  
 3) API Well No. 47-017-3270  
 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

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

4) WELL TYPE: A Oil \_\_\_\_\_ Gas X  
 B (If "Gas", Production X)  
 5) LOCATION: Elevation: 1138 Underground storage \_\_\_\_\_ Deep X Shallow \_\_\_\_\_  
 Watershed: Brushy Fork of Meathouse Fork  
 District: New Milton County: Doddridge Quadrangle: New Milton  
 6) WELL OPERATOR: Swift Energy Company  
 Address: P. O. BOX 2201 7) DESIGNATED AGENT: Tim Bennett  
Clarksburg, WV 26301 Address: P. O. BOX 2201  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name: Stephen Casey 9) DRILLING CONTRACTOR: \_\_\_\_\_  
 Address: Rt. 2, Jane Lew, WV Name: Unknown  
 Address: \_\_\_\_\_

10) PROPOSED WELL WORK: Drill X deeper \_\_\_\_\_ Drill \_\_\_\_\_ Redrill \_\_\_\_\_ Stimulate \_\_\_\_\_  
 Plug off old formation \_\_\_\_\_ Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_  
 11) GEOLOGICAL TARGET FORMATION, Elk **RECEIVED**  
DEC 9 1983

12) Estimated depth of completed well, 5900 feet.  
 13) Approximate true depths: Fresh, 100 feet; salt, \_\_\_\_\_ feet.  
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes DEPT. OF MINES

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.	For drilling	Left in well		
Conductor	11 3/4			30	30	Circulate	Kind
Fresh water			X				Size
Coal							
Intermediate	8 5/8		X	1200	1200	To Surface	
Production	4 1/2		X	5800	5800	As Required	
Tubing							
Liners							
							Perforations:
							Top _____
							Bottom _____

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-017-3270 Date December 9, 1983

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 9, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Agent: <u>[Signature]</u>	Plat: <u>MH</u>	Casing <u>MH</u>	Fee <u>925</u>
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NOTE: Keep one copy of this permit posted at the drilling location. [Signature]  
 Administrator, Office of Oil and Gas

See the reverse side of the APPLICANT'S COPY for instructions to the well operator. File \_\_\_\_\_

