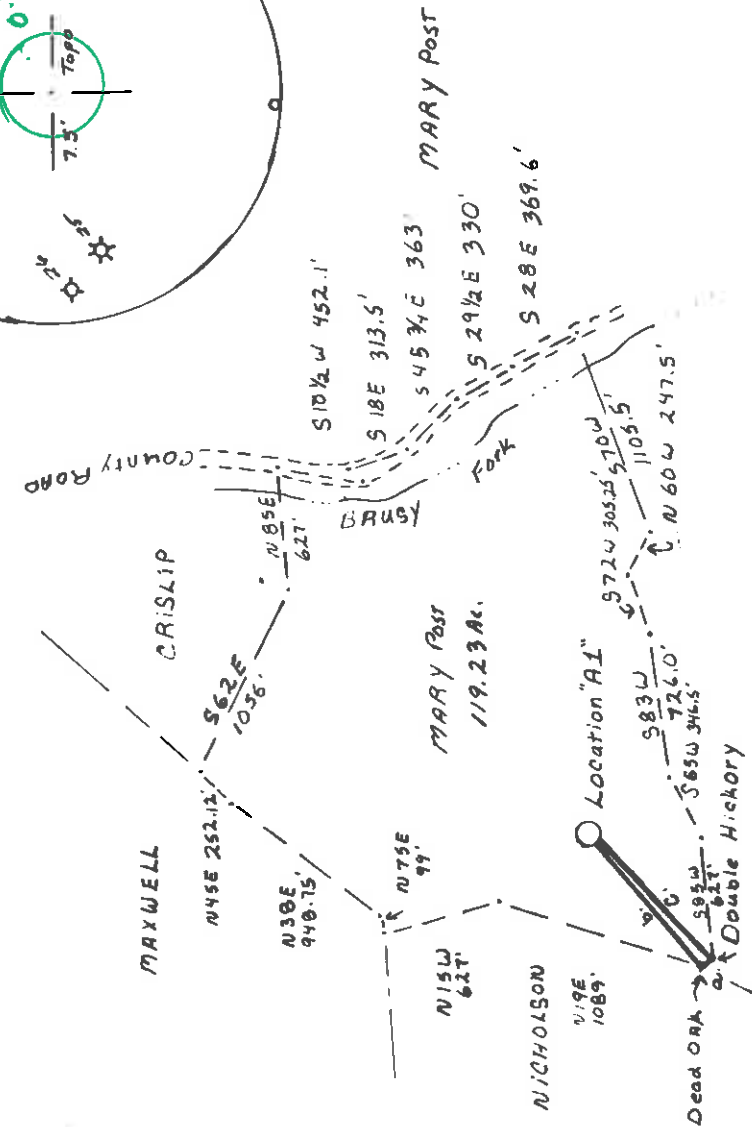
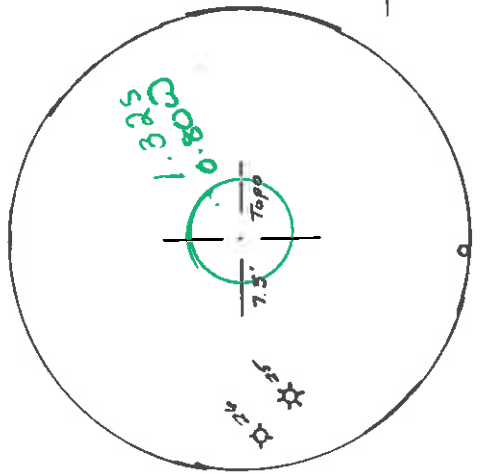


Plot of Card of ASD

LATITUDE 39° 12' 30"

LONGITUDE 80° 40' 00"



- a. N 25 W '61'
- b. N 50-46 W 908'
- c. N 47-07 E 927'

FILE NO. 001-01  
 DRAWING NO. 83-24  
 SCALE 1"=1000'  
 MINIMUM DEGREE OF ACCURACY 1"=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 Owen  
 R.P.E. L.L.S. 743

PLACE SEAL HERE

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



DATE NOV. 9, 19 83  
 OPERATOR'S WELL NO. But "A" 16,  
 API WELL NO. 47-017 -- 3271 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 1029' WATER SHED BRUSHY Fork of Meathouse Fork  
 DISTRICT New Milton COUNTY Putnam  
 QUADRANGLE New Milton ACRES 15.100  
 SURFACE OWNER BLANCHE J. HAUGHT  
 OIL & GAS ROYALTY OWNER MARY POST et al LEASE ACREAGE 119.23  
 LEASE NO. KLW-0422

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 FLK ESTIMATED DEPTH 5900'  
 WELL OPERATOR Swift Energy Co DESIGNATED AGENT Jim Bennett  
 ADDRESS PO Box 1550 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 "A"  
 3) API Well No. 47-017-3271 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   
 B (If "Gas", Production  Underground storage  Deep  Shallow   
 5) LOCATION: Elevation: 1029' Watershed: Brushy Fork of Meathouse Fork  
 District: New Milton County: Doddridge Quadrangle: New Milton  
 6) WELL OPERATOR Swift Energy Co. 7) DESIGNATED AGENT Tim Bennett  
 Address P. O. Box 2201 Address P. O. Box 2201  
Clarksburg, WV 26301 Clarksburg, WV 26301  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Stephen Casey 9) DRILLING CONTRACTOR:  
 Address Rt. 2, Jane Lew, WV 26378 Name Unknown  
 Address \_\_\_\_\_

10) PROPOSED WELL WORK: Drill  deeper  Drill  Redrill  Stimulate   
 Plug off old formation  Perforate new formation   
 Other physical change in well (specify) \_\_\_\_\_

11) GEOLOGICAL TARGET FORMATION, ELK  
 12) Estimated depth of completed well, 5900 feet  
 13) Approximate trata depths: Fresh, 100 feet; salt, \_\_\_\_\_ feet.  
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes \_\_\_\_\_

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	
Fresh water							
Coal							
Intermediate	8 5/8			1200	1200	To Surface	by rule 15-07
Production	4 1/2			5800	5800	As Required	by rule 15-01
Tubing							
Liners							

Perforations: \_\_\_\_\_  
 Top \_\_\_\_\_  
 Bottom \_\_\_\_\_

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-017-3271 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.

Bond:	Agent:	Plat:	Casing	Fee
<b>MARKET BOND</b>	<u>LA</u>	<u>MA</u>	<u>MA</u>	<u>925</u>

*[Signature]*  
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

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

File

