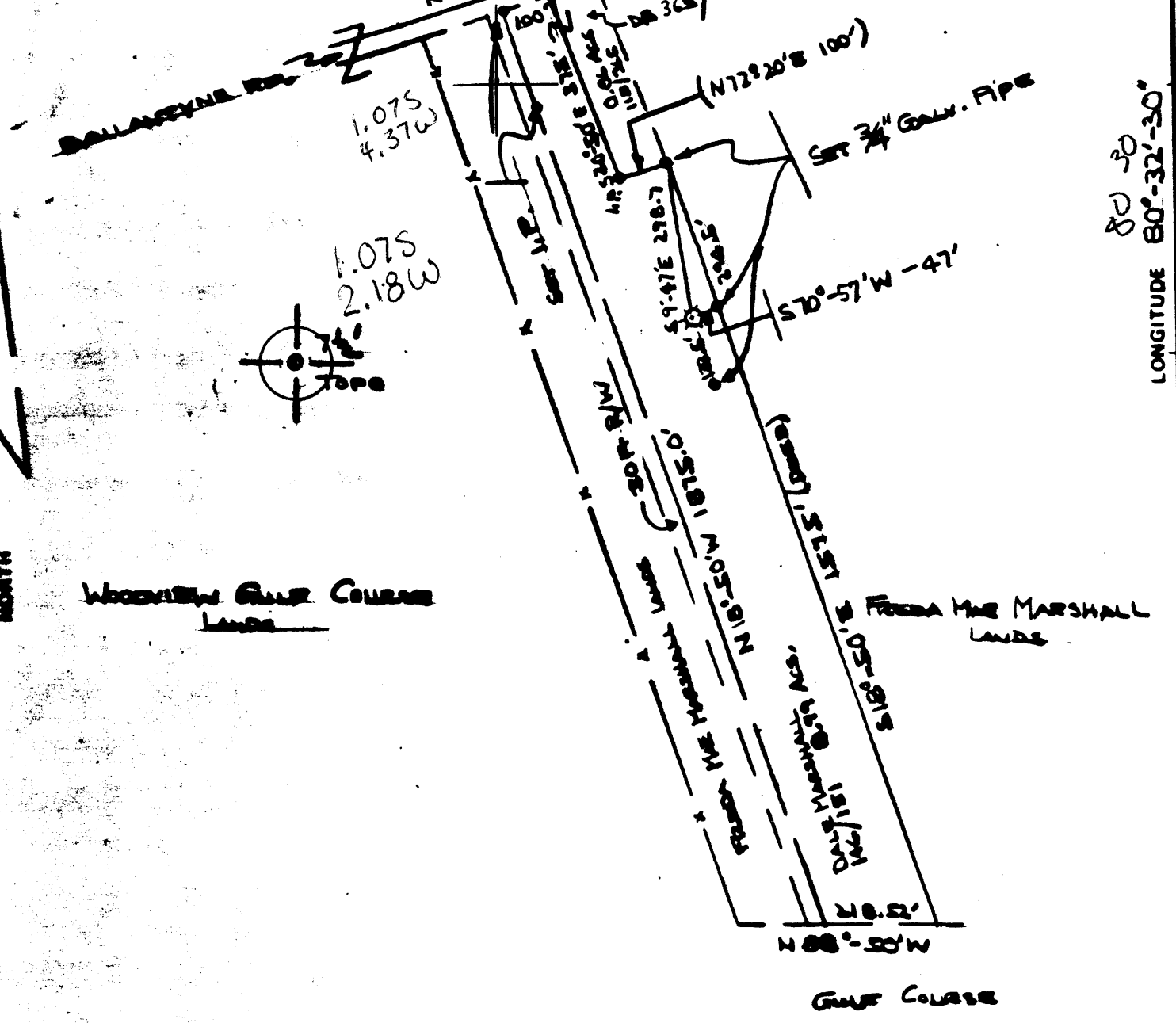


Conced h/ll 12/13/84

11500'

CODE _____ CARD _____ PLOT _____

LATITUDE 40°-30'



LONGITUDE 80°-32'-30" 5650'

WOODVIEW GOLF COURSE LANDS

DALE MARSHALL LANDS

GOLF COURSE

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION INTERSECTION SURVEY
CONDUCTED BY BULLOCK & ASSOCIATES, INC.
ELSV'S 857

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) John J. Wargachin
WFE 2266 L.L.S.

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES WHEATON QUD. TOPOGRAPHIC MAPS
 FORM IV-B (578)



DATE NOV. 7, 1984
 OPERATOR'S WELL NO MARSHALL #1
 API WELL NO _____
WVA - HANCOCK - 0116
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 988' WATER SHED HOLBREEK RUN
 DISTRICT CLAY 2 664 COUNTY HANCOCK
 QUADRANGLE WHEATON 19 Steubenville 15' NE 3
 SURFACE OWNER DALE MARSHALL ACREAGE 8.99
 OIL & GAS ROYALTY OWNER DALE MARSHALL LEASE ACREAGE _____
 LEASE NO. _____
 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 BERRA ESTIMATED DEPTH 1000 DEC 17 1984
 WELL OPERATOR DALE MARSHALL DESIGNATED AGENT DALE MARSHALL
 ADDRESS R.D. #1 - Box 8 537 ADDRESS SAME
NEW GIBBERLAND, W.VA. 26047

RECEIVED

NOV - 2 1984



1) Date: 10/11 / 1984
 2) Operator's Well No. MARSHALL #1
 3) API Well No. 47 - 029 - 0116
 State _____ County _____ Permit _____

**OIL & GAS DIV.
DEPT. OF MINES**

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) Underground storage _____ Deep _____ Shallow X
- 5) LOCATION: Elevation: 988 Watershed: HOLBERTS RUN
 District: CHAY County: HANCOCK Quadrangle: WEIRTON QUAD.
- 6) WELL OPERATOR DALE MARSHALL 7) DESIGNATED AGENT SAME AS OPERATOR
 Address RD #1 Box 8 Address _____
NEW CUMBERLAND WVA. 26047
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name ROBERT LOWTHER Name CRAIG OIL CO
 Address GENERAL DELIVERY Address P O BOX 768
MIDDLE BOURNE WVA 26149 NEW CUMBERLAND WVA 26047
- 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, BEREA
 12) Estimated depth of completed well, 1000 feet
 13) Approximate strata depths: Fresh, 200 feet; salt, 600 feet.
 14) Approximate coal seam depths: NONE Is coal being mined in the area? Yes _____ / No X

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		
Conductor	<u>10 3/4</u>				<u>X</u>	<u>20'</u>	<u>20'</u>	<u>NONE</u>
Fresh water	<u>8 5/8</u>				<u>X</u>	<u>250-700'</u>	<u>250-700'</u>	
Coal	<u>6 1/2</u>			<u>X</u>	<u>*</u>	<u>750'</u>	<u>750'</u>	<u>TO SURFACE</u>
Intermediate								<u>25 SACKS</u>
Production								Sizes
Tubing								Depths set
Liners								Perforations:
								Top Bottom

**OFFICE USE ONLY
DRILLING PERMIT**

Permit number 47-029-0116 December 3, 19 84
 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 3, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>SB</u>	<u>MN</u>	<u>MN</u>	<u>MN</u>	<u>991</u>

Margaret J. Hasse
 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