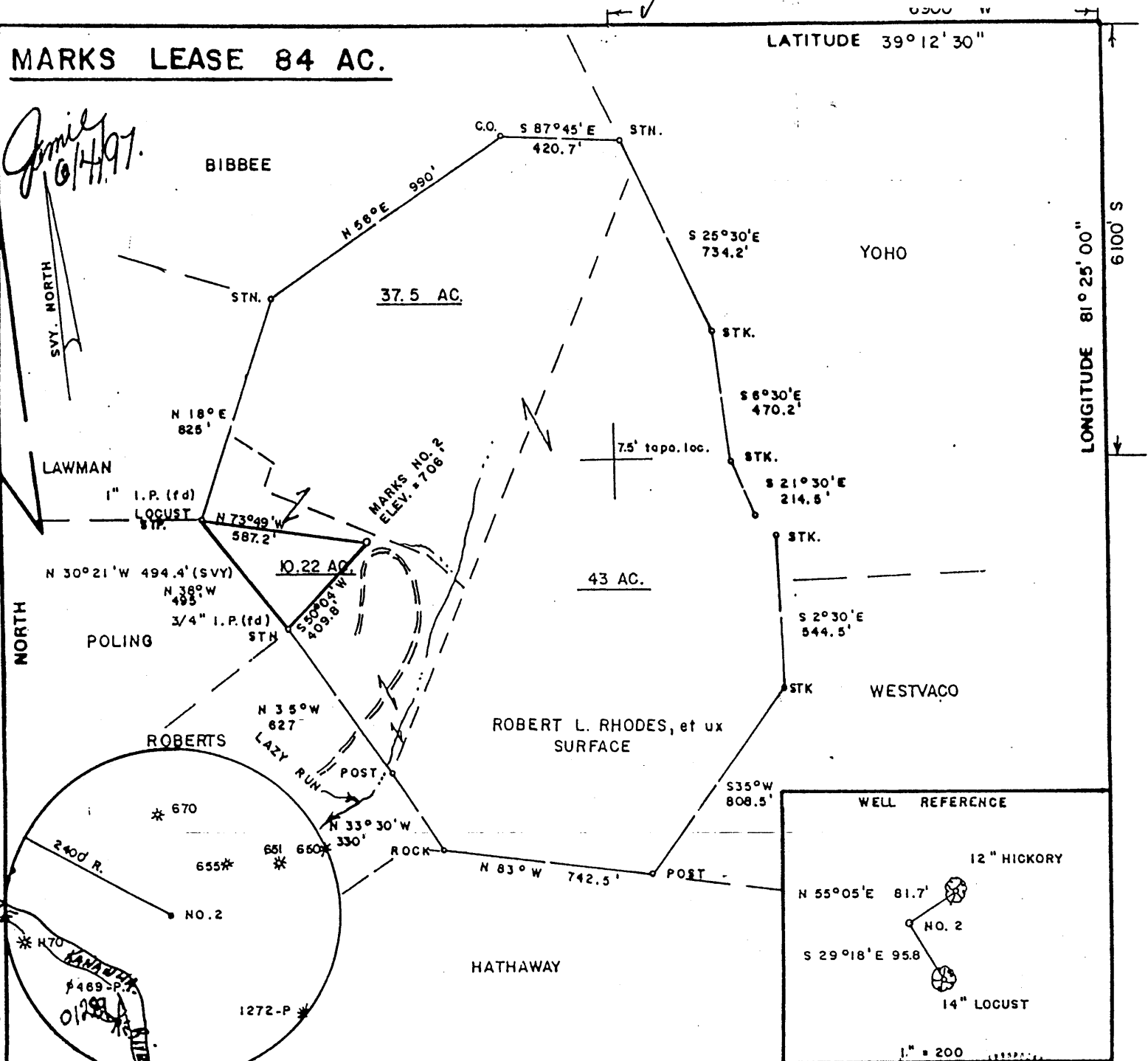


**MARKS LEASE 84 AC.**

LATITUDE 39° 12' 30"

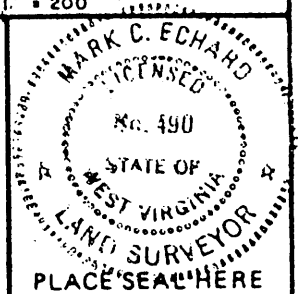
LONGITUDE 81° 25' 00"

*Jimmy*  
6/14/97



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB NORTH OF LEASE ELEV. = 1047'

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.  
*Mark C. Echard*  
 (SIGNED) MARK C. ECHARD  
 R.P.E. \_\_\_\_\_ L.L.S. 490



WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS  
 #10 McJUNKIN ROAD  
 NITRO, WEST VIRGINIA 25143-2506



DATE APRIL 24, 19 97  
 OPERATOR'S WELL NO. MARKS NO. 2  
 API WELL NO. 47-107-01587  
 STATE COUNTY PERMIT  
**CANCELLED**

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 706' WATER SHED LAZY RUN OF LITTLE KANAWHA RIVER  
 DISTRICT CLAY COUNTY WOOD  
 QUADRANGLE KANAWHA 7.5'  
 SURFACE OWNER ROBERT L. RHODES, et ux ACREAGE 10.22 of 84  
 OIL & GAS ROYALTY OWNER ROBERT L. RHODES LEASE ACREAGE 84  
 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 BEREA ESTIMATED DEPTH 2700'  
 WELL OPERATOR Gedco Oil & Gas Joint Venture Inc. DESIGNATED AGENT KIMBERLY LYNCH  
 ADDRESS RT. 1 BOX 175-E ADDRESS BOX 154  
 MARIETTA, OH 45750 WAVERLY, WV 218 84

AUG 02 1999

WOOD 1587 CANC.

BIAS BLUEPRINT Huntington, W. V. 579536



STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

- 1) Well Operator: GEDCO OIL & GAS <sup>448</sup> JOINT VENTURE, INC 19060 413 (1)  
 Operator's Well Number: MARKS "Z" 3) Elevation: 706'  
 Well type: (a) Oil X / or Gas     / Issued 06/03/97  
Expires 06/03/99  
 (b) If Gas: Production X / Underground Storage     /  
 Deep     / Shallow X /  
 Proposed Target Formation(s): BEREA <sup>305</sup> SANDSTONE  
 Proposed Total Depth: 2400' feet  
 7) Approximate fresh water strata depths: 100'  
 8) Approximate salt water depths: 1500'  
 9) Approximate coal seam depths: N/A  
 10) Does land contain coal seams tributary to active mine? Yes     / No X /  
 11) Proposed Well Work: DRILL AND COMPLETE WELL IN BEREA SANDSTONE  
 12)

**RECEIVED**  
 WV Division of  
 Environmental Protection  
 JUN 10 1997  
 Permitting  
 Office of Oil & Gas

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor	<u>5 1/2" (19.4")</u>					
Fresh Water						<u>38 CSR/11.3</u>
Coal						<u>38 CSR/11.22</u>
Intermediate	<u>7"</u>		<u>16.5#</u>	<u>400'</u>	<u>400'</u>	CEMENT TO SURFACE CLASS A
Production	<u>4 1/2"</u>		<u>10.5#</u>	<u>2400</u>	<u>2400</u>	50 SACKS CLASS A
Tubing						<u>38 CSR/11.1</u>
Liners						

PACKERS : Kind                       
 Sizes                       
 Depths set                     

For Office of Oil and Gas Use Only

Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
 Plat  WW-9  WW-2B  Bond Blanket (Type)  Agent

23725

**RECEIVED**  
 Division of Environmental Protection  
 1977  
 Permitting Office of Oil & Gas

Page 1 of 1  
 Form WW2-A  
 (6/94)  
 Surface Owner Copy

Date: \_\_\_\_\_  
 Operator's well number  
MARKS #2  
 API Well No: 47 - 107 - 1587  
 State County Permit

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT  
 DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**

**NOTICE AND APPLICATION FOR A WELL WORK PERMIT**

4) Surface Owner(s) to be served:  
 (a) Name ROBERT L RHODES  
 Address RT. 1 BOX 61C  
DANVILLE, WVA. 26142  
 (b) Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 (c) Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 6) Inspector GLEN ROBINSON  
 Address Box 1  
BELLVILLE, WV. 26133  
 Telephone (304) - 863-8766

5) (a) Coal Operator:  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 (b) Coal Owner(s) with Declaration  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 (c) Coal Lessee with Declaration  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_

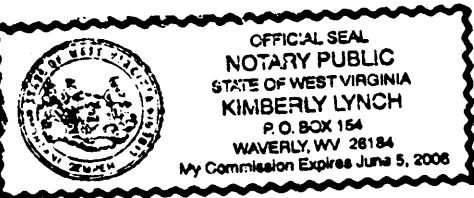
**TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:**

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR  
 Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)  
 I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 8 on the above named parties, by:

- Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

**INSTRUCTIONS TO SURFACE OWNERS NAMED ABOVE**  
 (Continued on Reverse)

The well operator named below is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months.



Well Operator \_\_\_\_\_  
 By: [Signature]  
 Its: OLAVANUS MANUEL  
 Address RT. 1 BOX 175E  
MARSHALL OH 44750  
 Telephone \_\_\_\_\_

Subscribed and sworn before me this 21st day of May, 1997

Kimberly Lynch Notary Public  
 My commission expires 6/5/08