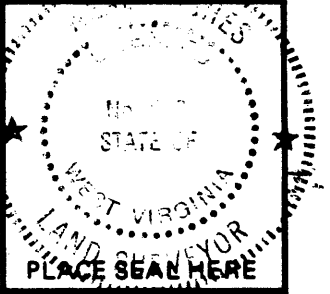


FILE NO. \_\_\_\_\_  
 DRAWING NO. 1  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/2500  
 PROVEN SOURCE OF ELEVATION RD. 1090

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) Neal Hughes  
 R.P.E. \_\_\_\_\_ L.L.S. 632



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



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE APRIL 1, 19 82  
 OPERATOR'S WELL NO. YOHO 1  
 API WELL NO. \_\_\_\_\_  
47-051-0698  
 STATE COUNTY PERMIT

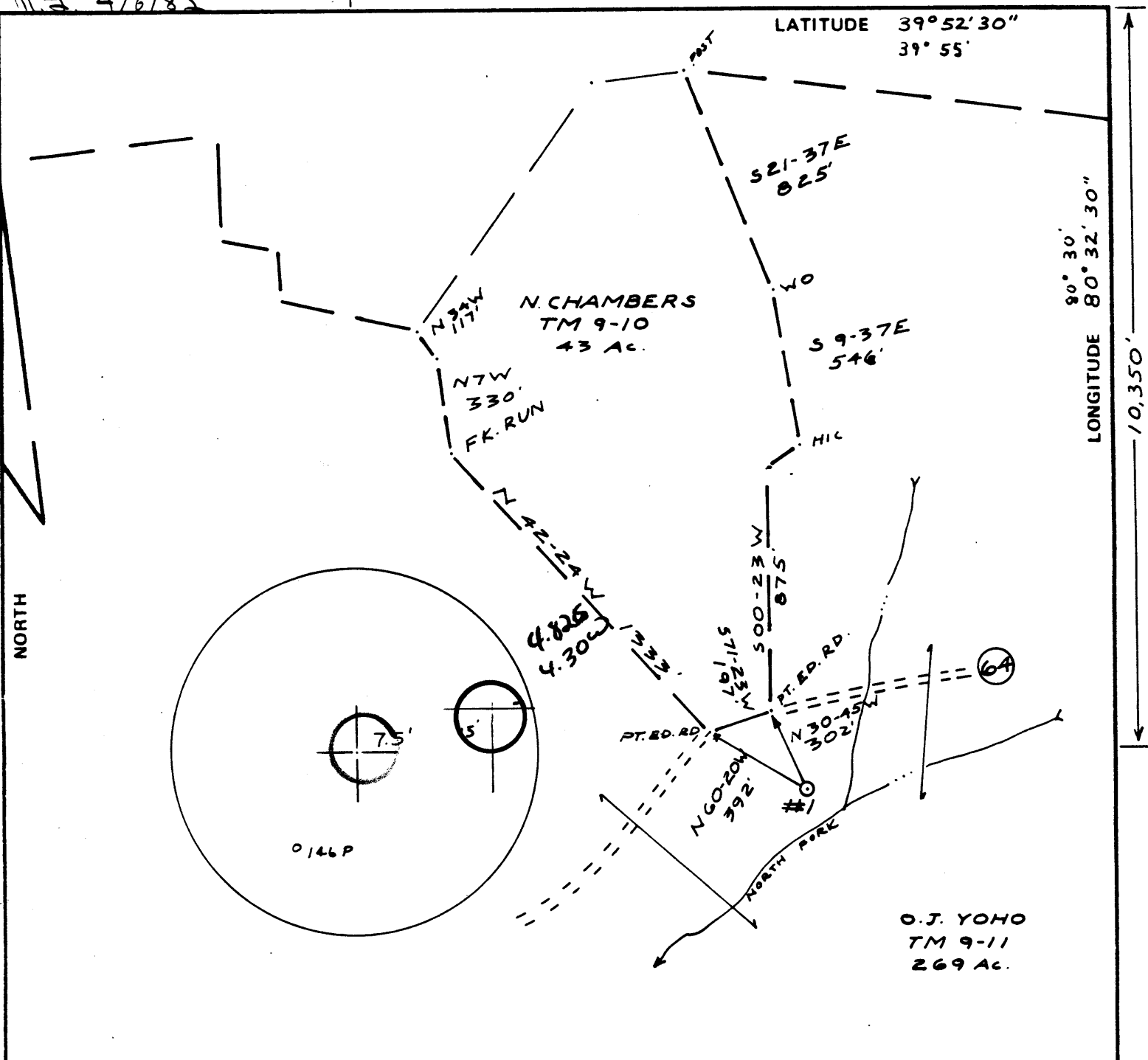
**CANCELLED**

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 1035' WATER SHED GRAVE CREEK  
 DISTRICT CAMERON COUNTY MARSHALL  
 QUADRANGLE CAMERON 7.5'  
 SURFACE OWNER O.J. YOHO ACREAGE 269  
 OIL & GAS ROYALTY OWNER O.T. YOHON, EMB LEASE ACREAGE 105  
 LEASE NO. 2009  
 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 marcellus ESTIMATED DEPTH 5600 MAR 21 1983  
 WELL OPERATOR WHITNAM OIL & GAS DESIGNATED AGENT JOHN E. WILLIAMS  
 ADDRESS 100 FRONT ST. MARIETTA, OH. 45750 ADDRESS RT. 1 BOX 41 LINN, W. VA. 26384

MARSHALL 0698 CAN.

4/6/82



FILE NO. \_\_\_\_\_  
 DRAWING NO. 1  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/2500  
 PROVEN SOURCE OF ELEVATION RD. 1090

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) Neal Hughes  
 R.P.E. \_\_\_\_\_ L.L.S. 632

PLACE SEAL HERE

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



DATE APRIL 1, 19 82  
 OPERATOR'S WELL NO. YOHO 1  
 API WELL NO. \_\_\_\_\_  
47 - 051 - 0698  
 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 1035' WATERSHED GRAVE CREEK  
 DISTRICT CAMERON COUNTY MARSHALL  
 QUADRANGLE CAMERON 75' & 15' E  
 SURFACE OWNER O.J. YOHO ACREAGE 269  
 OIL & GAS ROYALTY OWNER O.J. YOHO, ETAL LEASE ACREAGE 105  
 LEASE NO. 2009  
 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 MARCELLUS ESTIMATED DEPTH 5600  
 WELL OPERATOR WHITNAM OIL & GAS DESIGNATED AGENT JOHN E. WILLIAMS  
 ADDRESS 100 FRONT ST. MARIETTA, OH. 45750 ADDRESS RT. 1 BOX 41 LINN, W.VA. 26384

APR 28 1982

Form IV -  
(Obverse)  
(Revised 3-81)



Farm Yoho #1  
API # 47 - 051 - 0698  
Date 4-5-82

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil x / Gas x /

(If "Gas", Production x / Underground storage    / Deep    / Shallow    /

LOCATION: Elevation: 1035' Watershed: Grave Creek  
District: Cameron County: Marshall Quadrangle: Cameron 7.5'

WELL OPERATOR WHITNAM OIL & GAS CORPORATION DESIGNATED AGENT JOHN E. WILLIAMS  
Address P. O. Box 719 Address Route 1, Box 41  
Marietta, OH 45750 Address Linn, W. Va. 26384

OIL AND GAS ROYALTY OWNER Miss Mary Poorman, Agent  
For George Yoho Heirs COAL OPERATOR N/A  
Address First National Bank Address     
Cameron, W. Va. 26033 Address     
Acreage 105 Address   

SURFACE OWNER O. J. Yoho COAL OWNER(S) WITH DECLARATION ON RECORD:  
Address 89 North Ave. NAME     
Cameron, W. Va. 26033 Address     
Acreage 269 NAME     
Address   

FIELD SALE (IF MADE) TO:  
NAME     
Address   

OIL AND GAS INSPECTOR TO BE NOTIFIED:  
NAME Robert A. Lowther  
Address General Delivery  
Middlebourne, W. Va. 26149  
Telephone 758-4573

**RECEIVED**

APR 5 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed    / lease    / other contract x / dated 10-1, 1981, to the undersigned well operator from Carl Smith

(If said deed, lease, or other contract has been recorded:)

Recorded on Nov. 24, 1981, in the office of the Clerk of County Commission of Marshall County, West Virginia, in Lease # 495 Book at page 52. A permit is requested as follows:

PROPOSED WORK: Drill x / Drill Deeper    / Redrill    / Fracture or stimulate    / Plug off old formation    / Perforate new formation    / Other physical change in well (specify)   

BLANKET BOND

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1613 WASHINGTON ST., E.  
CHARLESTON, WV 25311  
Telephone - 304/348-3092

BLANKET BOND

WHITNAM OIL & GAS CORPORATION  
Well Operator  
By: Robert Whiteside  
Robert Whiteside  
Its: President

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) PAN EASTERN DRILLING

Address 123 Greene Street

Marietta, OH 45750

GEOLOGICAL TARGET FORMATION Marcellus  
Estimated depth of completed well 5600 feet. Rotary  / Cable tools  /  
Approximate water strata depths: Fresh, \_\_\_\_\_ feet; salt, \_\_\_\_\_ feet.  
Approximate coal seam depths: N/A  
Is coal being mined in this area: Yes  / No  /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drilling	Left in Well		
Conductor	11 3/4"			X			30'	15 sx	<del>Kinks</del> Pulled if Possible
Fresh water	8 5/8"			X			1050'	To Surface	Sizes
Coal									
Intermed.									
Production Tubing	5 1/2"		15.5				5600'	500 sx or as required by Rule 15.01	Depths set
Liners									Perforations: Top Bottom

**NOTE:** Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

**THIS PERMIT MUST BE POSTED AT THE WELL SITE.**  
**ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,**  
**ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY**  
APPROVED FOR \_\_\_\_\_ THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY \_\_\_\_\_:  
BY [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19\_\_\_\_\_.

By: [Signature]

Its: \_\_\_\_\_