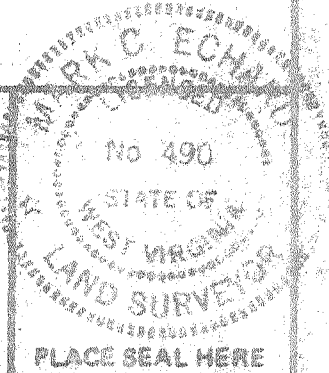


FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF
 ACCURACY 1/800
 PROVEN SOURCE OF
 ELEVATION USGS 5 MAT ROUTE
 18 (3600' NW) OF LOC. - ELEV. = 844'

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 REGU-
 LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
 MENT OF MINES. *Mark C. Echard*
 (SIGNED) MARK C. ECHARD
 R.P.E. _____ L.L.S. 490



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



DATE MARCH 18, 19 82
 OPERATOR'S WELL NO. FIVE-A
 API WELL NO. 47-017-2649
 STATE WEST VIRGINIA COUNTY PUTNAM PERMIT 2649

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 819' WATER SHED MEATHOUSE FORK
 DISTRICT NEW MILTON Putnam COUNTY DODDRIDGE
 QUADRANGLE NEW MILTON 7.5 NW
 SURFACE OWNER RICHARD & DOROTHY BECK ACREAGE 88
 OIL & GAS ROYALTY OWNER MARY HEULAN LEASE ACREAGE 88
 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 2500'
 WELL OPERATOR UNITED OPERATING CO. DESIGNATED AGENT MR. L. Y. COFFMAN
 ADDRESS 600 COMMERCE SQUARE ADDRESS 600 COMMERCE SQUARE
CHARLESTON, W.VA. 25301 CHARLESTON, W.VA. 25301



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD 98

Quadrangle New Milton 7 1/2, Vadis 15

Permit No. 47-017-2649

Rotary X Oil _____
Cable _____ Gas X
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company United Operating Company
Address 600 Commerce Sq., Charleston, WV
Farm F. F. Randolph Acres 88
Location (waters) Meathouse Fork
Well No. 5-A Elev. 844
District New Milton County Doddridge
The surface of tract is owned in fee by _____
Richard and Dorothy Beck
Address New Milton, W. Va.
Mineral rights are owned by Mary Hulin
Address P. O. Box 313, Lake Helen, Fla 3212
Drilling Commenced 8/9/80
Drilling Completed 8/13/80
Initial open flow N.T. cu. ft. _____ bbls.
Final production 500 cu. ft. per day 5 bbls.
Well open _____ hrs. before test 300 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			Circulated
Cond. 13-10"			
9 5/8			
8 5/8	216	216	
7			
5 1/2			
4 1/2	0	2210	
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Fraced Weir with 480 bbl. treated water - 45,000# sand
Fraced Lower Injun with 377 bbl. water - 35,000# sand
Fraced Upper Injun with 485 bbl. water - 45,000# sand

Coal was encountered at no record Feet _____ Inches _____
Fresh water fluid drilled _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Weir-Big Injun Depth 1890/1956 - 2090/2166

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Sand-Shale	G	H	0	1780	T.D.	<div style="text-align: center;"> <p>RECEIVED</p> <p>SEP 11 1980</p> <p>OIL & GAS DIVISION DEPT. OF MINES</p> </div>
Blue Monday			1780	1826		
Shale			1826	1856		
Lime			1856	1890		
Big Injun			1890	1956		
Shale			1956	2090		
Weir			2090	2166		
Shale			2166	2262		



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

MAR 31 1980

Oil and Gas Division

OIL & GAS DIVISION
DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE March 28, 1980

Surface Owner Richard & Dorothy Beck

Company United Operating Company

Address New Milton, W. Va.

Address 600 Commerce Sq., Charleston, W. Va.

Mineral Owner F. F. Randolph Heirs

Farm F. F. Randolph Acres 88

Address New Milton, W. Va.

Location (waters) Meathouse Fork

Coal Owner No Coal

Well No. Five A Elevation 844

Address _____

District New Milton County Doddridge

Coal Operator _____

Quadrangle New Milton 7 1/2, Vadis 15

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for Drilling. This permit shall expire if operations have not commenced by 12-2-80

INSPECTOR

TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech Street, Clarksburg, WV

PHONE 622-3871

Robert H. Dodd
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated November 2 1975 by P & M Oil Co. made to United Operating Co. and recorded on the 28th day of June 1976 in Doddridge County, Book 101 Page 1

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address of Well Operator

Very truly yours, United Operating Company
(Sign Name) Jack L. Trittip Jack L. Trittip
Well Operator

600 Commerce Square
Street

Charleston
City or Town

W. VA. 25301
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

47-017-2649

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-5 and will carry out the specified requirements."

Signed by Jack L. Trittip

G. Survey

**THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME Jack Trittipo - Lyle Coffman
 ADDRESS _____ ADDRESS 600 Commerce Sq. Norris Road
 TELEPHONE _____ TELEPHONE Charleston, WV Glenville, WV
 ESTIMATED DEPTH OF COMPLETED WELL: 2800? TELEPHONE 343-9383 462-7176
 PROPOSED GEOLOGICAL FORMATION: Weir ROTARY X CABLE TOOLS _____
 TYPE OF WELL: OIL _____ GAS _____ COMB. X STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	300	300	Circulated
7			
5 1/2			
4 1/2		2800	1,000 ft. fillup
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 75 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title