



Minimum Error of Closure 1 in 200'
 Source of Elevation U.S.G.S. B.M. 2000' down Sycamore
Run = 932'

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: [Signature]
 Squares: N S E W

Map No. _____

Company Trittipa and Coffman
 Address 600 Commerce Sq. Charleston, W. Va.
 Farm Charles Swiger
 Tract _____ Acres 46.25 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 857
 Quadrangle Centerpoint C
 County Doddridge District McClallen
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Dec. 13, 1973 Scale 1" = 300' = 495'

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

WELL LOCATION MAP
 FILE NO. Dodd-1760

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.
47-017



RECEIVED

JUN 27 1975

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

OIL & GAS DIVISION
DEPT. OF MINES
Rotary
Appenders
Cable Tools
Storage

Quadrangle Centerpoint

Permit No. DODD-1760

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company <u>United Operating Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>600 Commerce Square., Charleston, WVA</u>	Size			
Farm <u>Charles Swiger</u> Acres <u>46</u>	16			Kind of Packer
Location (waters) <u>Sycamore Fork</u>	13			
Well No. <u>1</u> Elev. <u>857</u>	10			Size of
District <u>McClellan</u> County <u>Doddridge</u>	8 5/8	700	700	Depth set
The surface of tract is owned in fee by <u>Charles Swiger</u>	6%			
Address	5 3/16	1975	1975	Perf. top
Mineral rights are owned by <u>L. B. Coffman</u>	4 1/2			Perf. bottom
Address <u>West Union, W, Va.</u>	3			Perf. top
Drilling commenced <u>12-30-73</u>	2			Perf. bottom
Drilling completed <u>1-4-74</u>	Liners Used			
Date Shot From To				
With				

Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume Sho Cu. Ft.
 Rock Pressure 300 lbs. 24 hrs.
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) _____ FEET _____ INCHES
 _____ FEET _____ INCHES
 _____ FEET _____ INCHES
 WELL FRACTURED (DETAILS) 650 Bbls. Water - 16,000 #20/40 Sand - Pressure 2500 psi
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) 300 Mcf
 ROCK PRESSURE AFTER TREATMENT Same HOURS
 Fresh Water _____ Feet Salt Water _____ Feet
 Producing Sand Big Injun Depth 1823-1890

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand-Shale	Grey	Hard	0	1554			
and	Grey	Hard	1554	1604			
hale	Grey	Soft	1604	1650			
and	Grey	Hard	1650	1686			
hale	Grey	Soft	1686	1702			
ime	Grey	Hard	1702	1824			
and- <u>Big Injun</u>	Grey	Hard	1824	1890	Sho Gas		
hale	Grey	Soft	1890	1963			



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

DEC 21 1973

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE December 18, 1973

Surface Owner Charles Swiger
Address Center Point, W. Va.

Company United Operating Company
Address Charleston, W. Va.

Mineral Owner L. B. Coffman
Address West Union, W. Va.

Farm Charles Swiger Acres 46
Location (waters) Pike Fork

Coal Owner Same
Address _____

Well No. 1 Elevation 857
District McClellan County Doddridge

Coal Operator None
Address _____

Quadrangle Centerpoint

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 4-21-74

INSPECTOR TO BE NOTIFIED m.w.m. Blasser
Box 1028 PH: Fairmont
Calfax 363-9105
W.Va. 26566

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 10 1971 by L. B. Coffman made to United Operating and recorded on the 27 day of April 1972 in Doddridge County, Book 95 Page 691

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
PHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P.O. Box 979
Martinsburg, W. Va. 26505
304-296-4461

Very truly yours,

(Sign Name) _____

Well Operator

600 Commerce Square

Street

Address
of
Well Operator

Charleston

City or Town

West Virginia

State

BLANKET BOND

Permit No. Dodd-1760 47-017

*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.

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 Glenn L. Haught & Sons NAME Lule T. Coffman
 ADDRESS Smithville, W. Va. ADDRESS Glenville, W. Va.
 TELEPHONE _____ TELEPHONE 462 7176
 ESTIMATED DEPTH OF COMPLETED WELL: 2200 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 TYPE OF WELL: OIL _____ GAS X COMB. _____ 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	700 Feet	700 Feet	To surface
7			
5 1/2			
4 1/2			
3	2200 Feet	2200 Feet	Perf. Top 1000 Feet
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 30 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 600 _____
 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