

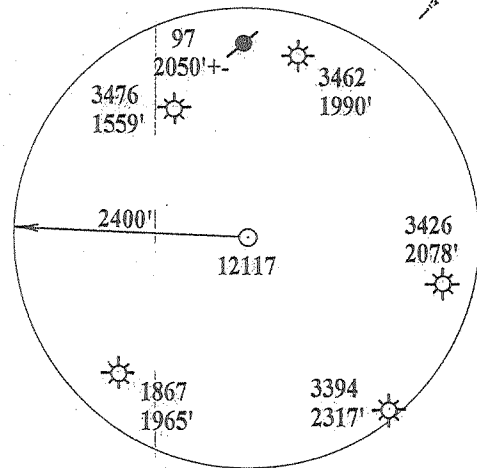
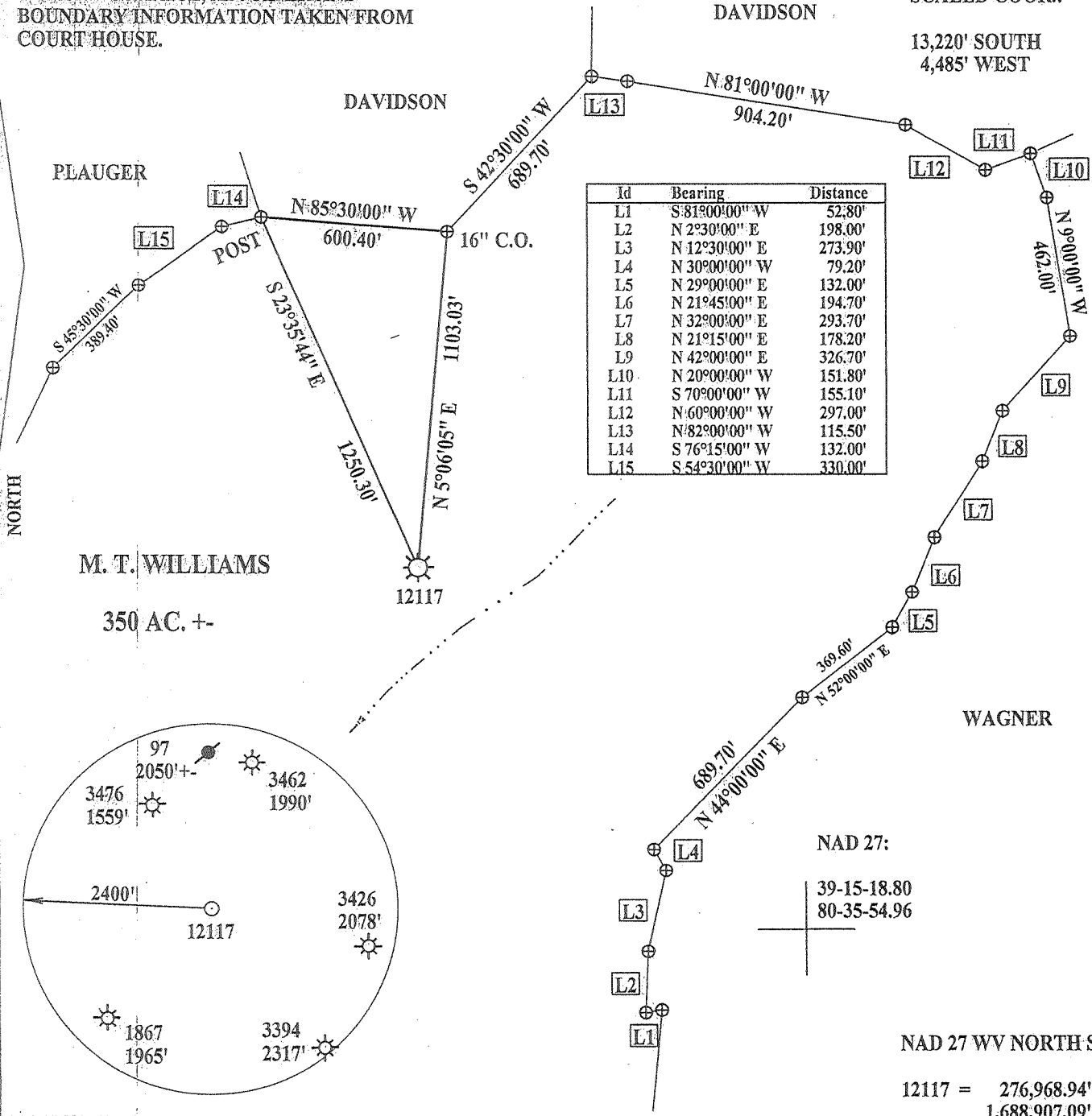
NOTES: LATITUDE, LONGITUDE, WELL AND CORNER TIES FROM DGPS SUBMETER SURVEY. SURFACE, ADJOINER AND BOUNDARY INFORMATION TAKEN FROM COURT HOUSE.

LATITUDE 39-17-30

SCALED COOR.:

13,220' SOUTH
4,485' WEST

LONGITUDE 80-35-00



NAD 27:
39-15-18.80
80-35-54.96

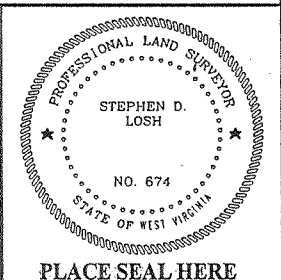
NAD 27 WV NORTH SPC:
12117 = 276,968.94'
1,688,907.09'

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: _____
 DRAWING NUMBER: 12117.PCS
 SCALE: 1" = 500'
 MINIMUM DEGREE OF ACCURACY: 1 IN 200
 PROVEN SOURCE OF ELEVATION: DGPS SURVEY
SUBMETER SYSTEM

I THE UNDERSIGNED, HEREBY STATE 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 ENERGY.

(SIGNED) _____
 STEPHEN D. LOSH, P.S. #674



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

LAND SURVEYING SERVICES
 21 CEDAR LANE, BRIDGEPORT, WV 26330
 PHONE: 304-842-2018 OR 842-5762

DATE: JULY 08, 2004
 OPERATORS WELL NO.: 12117
 API WELL NO. 47 - 017 - 01807 F
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1054.39' WATERSHED GREENBRIER-CREEK
 DISTRICT GREENBRIER COUNTY DODDRIDGE
 QUADRANGLE SALEM LEASE NUMBER 3636

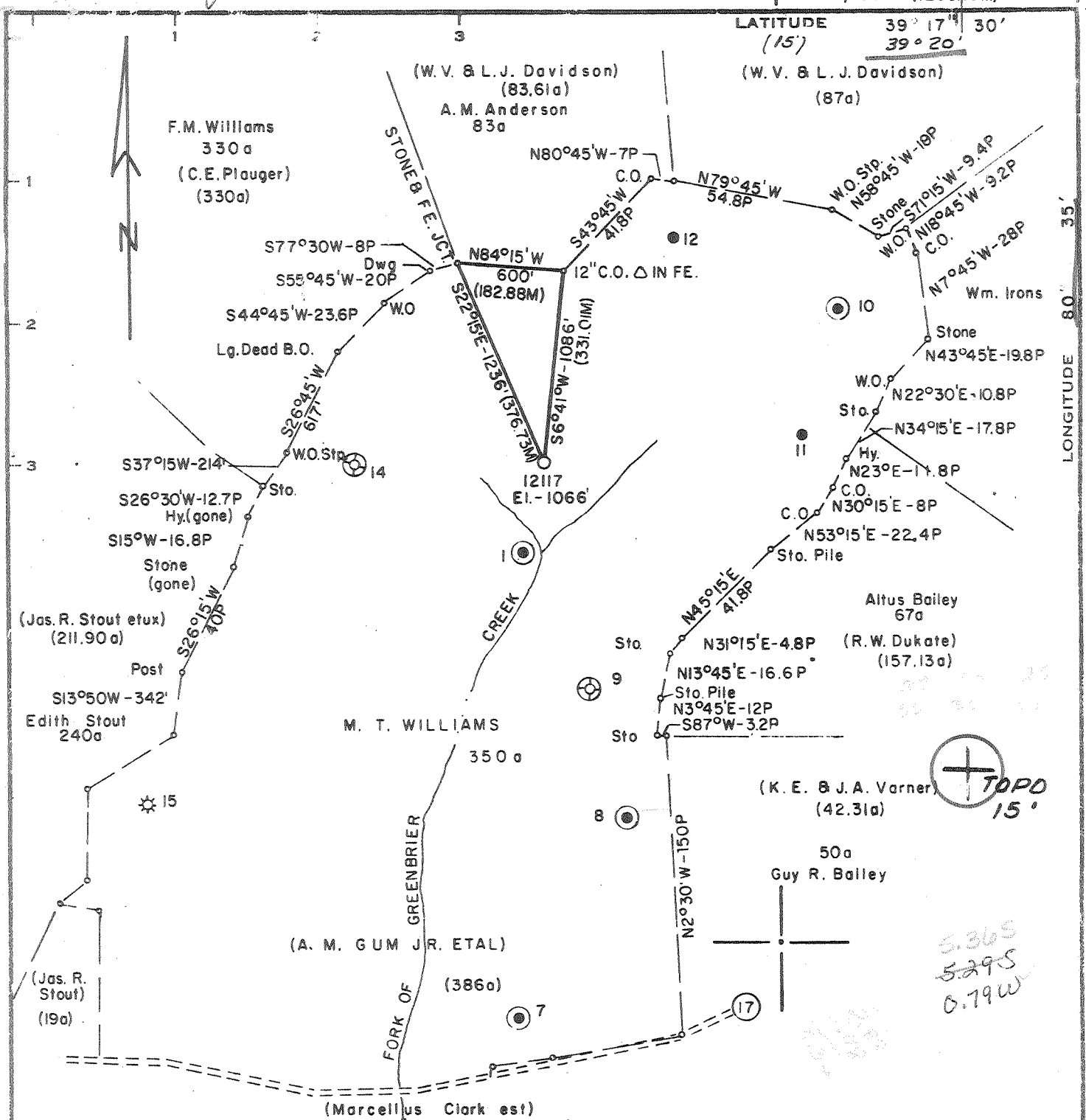
SURFACE OWNER RICHARD E. MARSDEN ACREAGE 386.00
 OIL & GAS ROYALTY OWNER M. T. WILLIAMS LEASE ACREAGE 350.00

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___
 PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) _____

PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
 TARGET FORMATION Gordon ESTIMATED DEPTH 2872'

WELL OPERATOR DOMINION TRANSMISSION, INC. DESIGNATED AGENT JAMES D. BLASINGAME
 ADDRESS 445 W. MAIN ST., CLARKSBURG, WV 26301 ADDRESS 445 W. MAIN ST., CLARKSBURG, WV 26301

COUNTY NAME PERMIT
 Dodd 1807 F



Minimum Error of Closure .1' IN 200'

Source of Elevation B.M. = ROAD FORK EL. - 948' SALEM 7 1/2' U.S.G.S.

TOPO MAP

"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."

- New Location
- Drill Deeper
- Abandonment

MAP SHEET 54 S14 E1 FB. 1756 PG 29-31

Company CONSOLIDATED GAS SUPPLY CORP.

Address CLARKSBURG W.V.

Farm M.T. WILLIAMS (A.M. GUM JR. ETAL)

Tract Acres 350 Lease No. 3636

Well (Farm) No. 12117 Serial No. 12117

Elevation (Spirit Level) 1066' *SC*

Quadrangle SALEM 7 1/2' Centerpoint

County DODDRIDGE District GREENBRIER

Engineer Jackson M. Jarvis

Engineer's Registration No. 2397

File No. _____ Drawing No. _____

Date 4-8-76 Scale 1" = 800'

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

WELL LOCATION MAP
DODD - 1807

FILE NO. _____

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

47-017 MAY 6 1976



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Centerpoint

Permit No. DOD-1807

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

Company Consolidated Gas Supply Corp.
 Address Clarksburg, WV
 Farm M. T. Williams Acres 350
 Location (waters) Greenbrier Fork
 Well No. 12117 Elev. 1066'
 District Greenbrier County Doddridge
 The surface of tract is owned in fee by A M Gum Jr.
Salem, WV
 Address _____
 Mineral rights are owned by Bank of West Union
 Address West Union, WV
 Drilling Commenced 5-11-76
 Drilling Completed 5-18-76
 Initial open flow 189M cu. ft. _____ bbls.
 Final production 581M cu. ft. per day _____ bbls.
 Well open 14 days hrs. before test 1825# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size XX -16	20'	20'	To Surface
Cond. XXXX 11"	211'	211'	To Surface
9 5/8			
8 5/8	998'	998'	To Surface
7			
5 1/2			
4 1/2	5205'	5205'	125 bags
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Frac with 780 bbls. Water -54,000# sand and 500 gal. Acid.

Perforations: 5084-5094 with 20 holes.

Coal was encountered at 245' 800' Feet 48" 60" Inches
 Fresh water 350' Feet Salt Water 590' Feet
 Producing Sand Benson Depth 5084-5094

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	245		
Coal			245	249		
Sand & Shale			249	800	Water 350	Fresh
Coal			800	805	Water 590	Salt
Sand & Shale			805	2095		
Little Lime			- 2095	2110		
Shale			2110	2120		
Big Lime			- 2120	2165		
Big Injun			2165	2280		
Sand & Shale			2280	2795		
Gordon			2795	2815		
Sand & Shale			2815	5075	Gas 4390'	
<u>Benson</u>			- 5075	5085	Gas 5084-5094	
TD				5266		

5266
2815
2451 expl. Pt

KBM 11' above GL

Consolidated Gas Supply Corp.
445 West Main Street
Clarksburg, WV 26301

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR 15 1976

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

OIL & GAS DIVISION
DEPT. OF MINES

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

DATE April 13, 1976

Surface Owner A. M. Gum, Jr.

Company Consolidated Gas Supply Corporation

Address Route #1, Salem, W. Va.

Address Clarksburg, W. Va.

Mineral Owner Bank of West Union

Farm M. T. Williams Acres 350

Address West Union, W. Va.

Location (waters) Greenbrier Fork

Coal Owner Mountaineer Coal Co.

Well No. 12117 Elevation 1066'

Address Box 1632, Fairmont, W. Va.

District Greenbrier County Doddridge

Coal Operator No Operations

Quadrangle CENTERPOINT

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

If 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 8-15-76.

Robert H. [Signature]

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett
PH: 622-3871 ADDRESS Clarksburg, W.Va.

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 2-15-00 19 by M. T. Williams made to South Penn Oil Co. and recorded on the 20th day of 19 , in County, Book Page

 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 Same day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, *[Signature]*
(Sign Name) Manager of Prod.
Well Operator

PLEASE RETURN COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey Address
P. O. Box 879 of
Morgantown, W. Va. 26505 Well Operator
AC 304-296-4461

Consolidated Gas Supply Corporation
Street
445 West Main Street
City or Town
Clarksburg, W. Va.
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.

BLANKET BOND

DOD-1807

PERMIT NUMBER

47-017

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

PROPOSED WORK ORDER TO XXX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME S. W. Jack Drilling Company NAME R. E. Bayne
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.
 TELEPHONE _____ TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 5300' ROTARY XXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL _____ GAS XXX 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	20'	20'	To surface
11 11"	200'	200'	To surface
9 - 5/8			
8 - 5/8	2300'	2300'	To surface (????)
7			
5 1/2			
4 1/2	5300'	5300'	125 Bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 125' FEET _____ SALT WATER None FEET _____
 APPROXIMATE COAL DEPTHS Wildcat _____
 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