

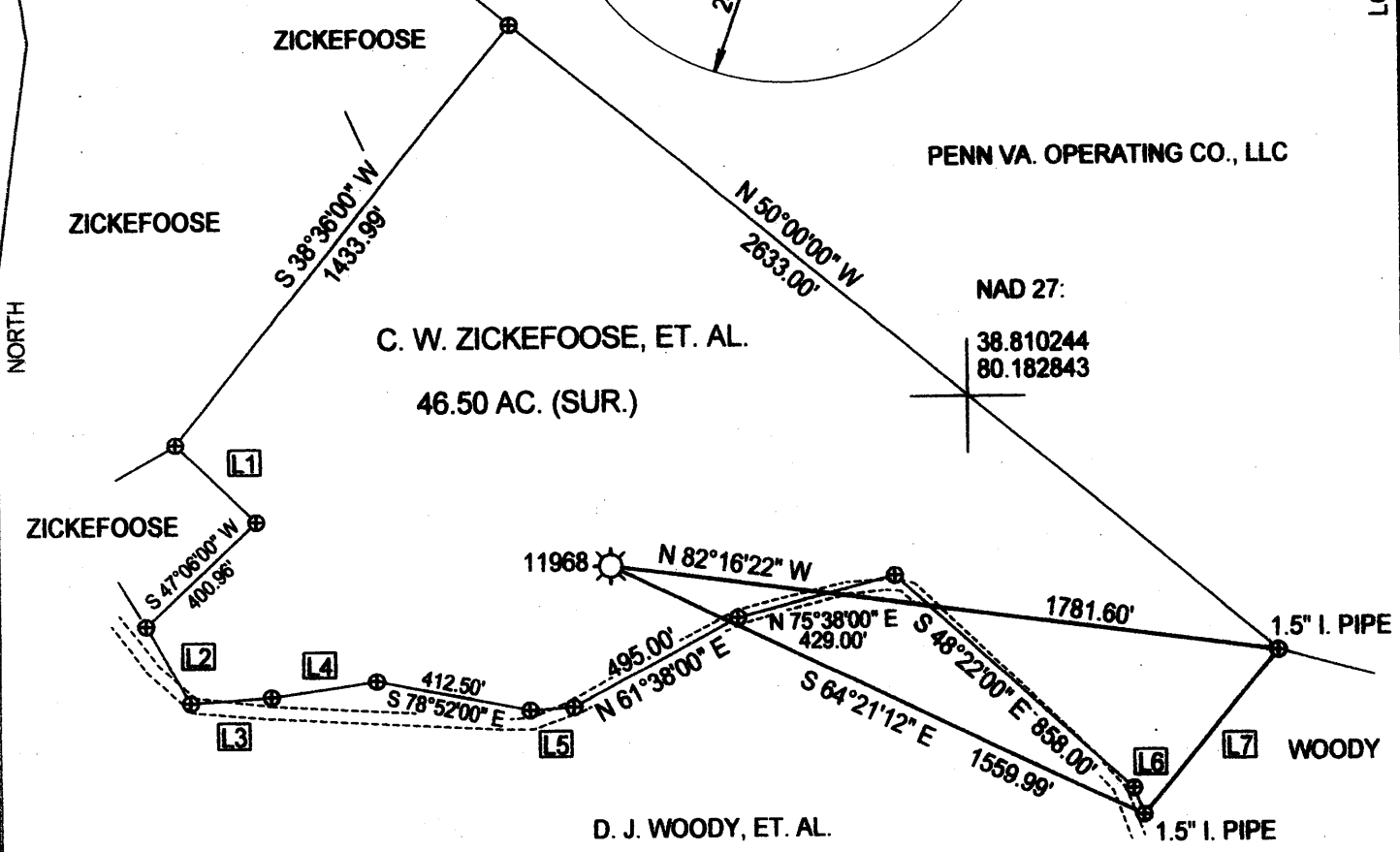
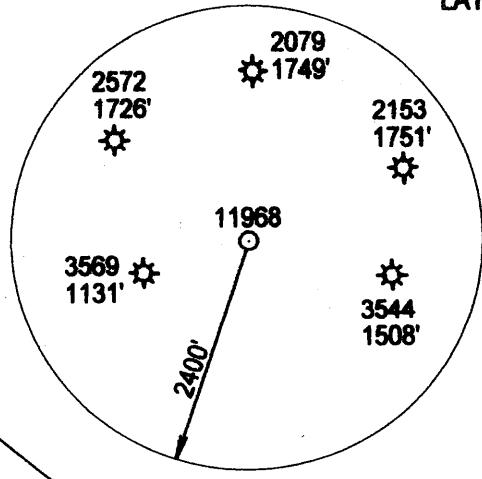
Id	Bearing	Distance
L1	S 45°24'00" E	297.00'
L2	S 29°22'00" E	237.28'
L3	N 86°08'00" E	214.50'
L4	N 81°38'00" E	280.50'
L5	N 88°38'00" E	115.50'
L6	S 19°57'00" E	77.60'
L7	N 38°30'00" E	564.58'

LATITUDE 38-50-00

SCALED COOR.:

4,600' WEST  
8,450' SOUTH

LONGITUDE 80-10-00



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

UTM NAD 83 ZONE 17 IN METERS

11968 = 4,296,048.25 m  
570,965.38 m

NAD 27 WW SOUTH SPC:

11968 = 660,207.78'  
2,232,860.04'

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

FILE NUMBER: \_\_\_\_\_  
 DRAWING NUMBER: CGC11968.PCS  
 SCALE: 1" = 500'  
 MINIMUM DEGREE OF ACCURACY: SUBMETER  
 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: JANUARY 03, 2011

OPERATORS WELL NO.: 11968

API WELL NO. 47-097-01613 B  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 2338.22' WATERSHED SWAMP RUN  
 DISTRICT WASHINGTON COUNTY UPSHUR

QUADRANGLE ALTON LEASE NUMBER 63848

SURFACE OWNER CHARLES W. ZICKEFOOSE, ET. AL. ACREAGE 46.50 (7Q-01)

OIL & GAS ROYALTY OWNER W. H. O'DELL LEASE ACREAGE 5000.00

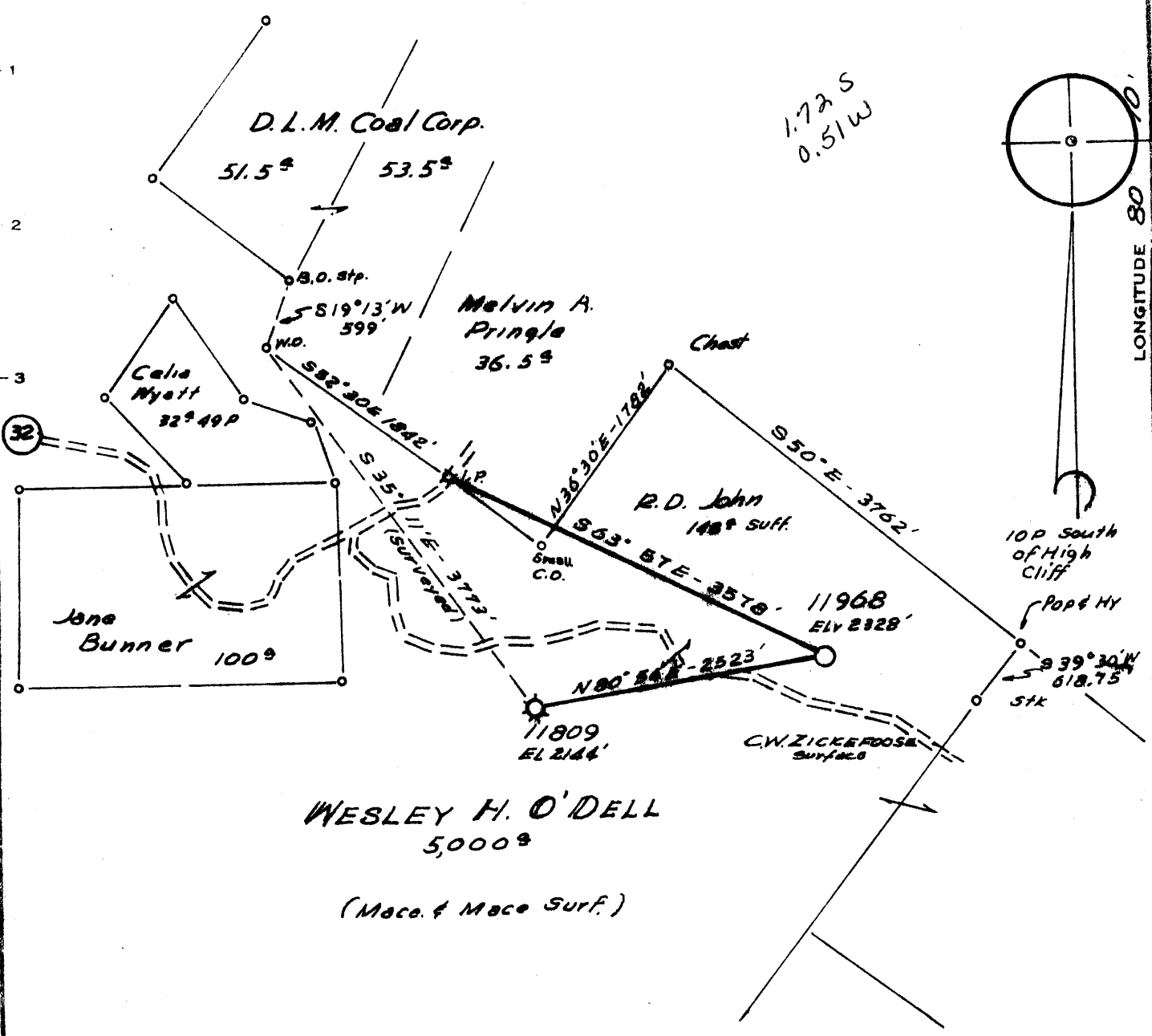
PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION   
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE (SPECIFY) CONVERT TO LIQUID INJECTION

PLUG & ABANDON  CLEAN OUT & REPLUG   
 TARGET FORMATION BENSON ESTIMATED DEPTH 3934'

WELL OPERATOR CNX GAS COMPANY LLC DESIGNATED AGENT KENT WRIGHT

ADDRESS P. O. BOX 1248 JANE LEW, WV 26378 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378

COUNTY NAME PERMIT



Minimum Error of Closure 1' in 200'  
 Source of Elevation LEVELS FROM CONSOLIDATED GAS SUPPLY CO. WELL 11809 ELY 2144'  
 "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 71-B 346 E 23 F.B. 1745 PG. 19-21

Company CONSOLIDATED GAS SUPPLY CORP.  
 Address CLARKSBURG, W.V.  
 Farm WESLEY H. O'DELL  
 Tract \_\_\_\_\_ Acres 5000 Lease No. 62869  
 Well (Farm) No. \_\_\_\_\_ Serial No. 11968  
 Elevation (Spirit Level) 2328'  
 Quadrangle SAGO, W.V. (S.W.)  
 County UPSHUR District WASHINGTON  
 Engineer JACKSON M. JARVIS  
 Engineer's Registration No. 2397  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 5-15-75 Scale 1" = 1320'

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

WELL LOCATION MAP  
 FILE NO. Ups. - 1613

+ 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.

47-097 AUG 6 1975



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

Rotary  Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas   
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Quadrangle Sago

Permit No. Ups-1613

Company <u>Consolidated Gas Supply Corp.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Clarksburg, WV</u>				
Farm <u>Wesley O'Dell</u> Acres <u>5000</u>	Size			
Location (waters) <u>Swamp Run</u>	20-16			
Well No. <u>11968</u> Elev. _____	Cond.			
District <u>Washington</u> County <u>Upshur</u>	<del>13 1/2"</del>	20'	20'	To Surface
The surface of tract is owned in fee by _____	9 5/8	849'	849'	To Surface
Address _____	8 5/8			
Mineral rights are owned by _____	7			
Address _____	5 1/2			
Drilling Commenced <u>9-03-75</u>	4 1/2	4069'	4069'	235 bags
Drilling Completed <u>9-12-75</u>	3			
Initial open flow <u>2M</u> cu. ft. _____ bbls.	2			
Final production <u>474M</u> cu. ft. per day _____ bbls.	Liners Used			
Well open <u>14</u> days _____ hrs. before test <u>1355#</u> RP.				

Well treatment details: Attach copy of cementing record.  
Fractured Benson with 60,000# sand, 700 bbl. water and 500 gal. acid.  
Perforations: 3923-3929 18 holes

474 MCF

Coal was encountered at 72 432 Feet 36 96 Inches  
Fresh water 276 Feet Salt Water 1025 Feet  
Producing Sand Benson Depth 3923-3929

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay & Sand			0	72		
Coal			72	75		
Sand & Shale			75	432	Water 276'	Fresh
Coal			432	440		
Sand & Shale			440	1440	Water 1025'	Salt
Little Lime			1440	1450		
Big Lime			1450	1555		
Big Injun			1555	2300		
Bayard			2300	2315		
Sand & Shale			2315	3910	Gas 2459'	Show
Benson			3910	3921	Gas 3923-29	
Total Depth				<u>4375'</u>		

Consolidated Gas Supply Corporation  
445 West Main Street  
Clarksburg, WV 26301

KB Measurement 11' above GL

(over)

\* Indicates Electric Log tops in the remarks section.

JAN 29 1976

JAN 20 1976



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

JUL 29 1975

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 July 28, 1975

Surface Owner C. W. Zickefoose  
Address Buckhannon, W. Va.

Company Consolidated Gas Supply Corporation  
Address Clarksburg, W. Va.

Mineral Owner Olive O'Dell Culpepper  
Address 510 Kanawha Boulevard, Charleston, WV

Farm Wesley H. O'Dell Acres 5,000

Coal Owner Same  
Address \_\_\_\_\_

Location (waters) Swamp Run

Coal Operator None  
Address \_\_\_\_\_

Well No. 11968 Elevation 2328'

District Washington County Upshur

Quadrangle SAGO

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 11-30-75.

Robert L. ...  
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Thomas  
PH: 472-6418 ADDRESS Buckhannon, W. Va. 26201

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 1-7-71 19   by Wesley O'Dell made to Consol. Gas Sply Corp. and recorded on the 27th day of October 1971, in Upshur County, Book 54 Page 63

XXX 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.

Very truly yours,  
(Sign Name) Al. Payne Manager of Prod.  
Well Operator

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  
West Virginia Geological and Economic Survey, Address of  
P. O. Box 879 Morgantown, W. Va. 26505  
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.

**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: 4375' 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			
13 <del>XXX</del>	20'	20'	To surface
9 - 5/8			
8 - 5/8	850'	850'	To surface
7			
5 1/2			
4 1/2	4375'	4375'	150 Bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 65' FEET SALT WATER None FEET  
 APPROXIMATE COAL DEPTHS 750' & 730' , 60" 60"  
 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