

LATITUDE 39° 15' 00"

LONGITUDE 80° 52' 30"

*Janil 10/2/96*

*Redwood 1000  
Pillman 7.5  
4403  
517  
#3 2797  
3004  
2796  
2795*



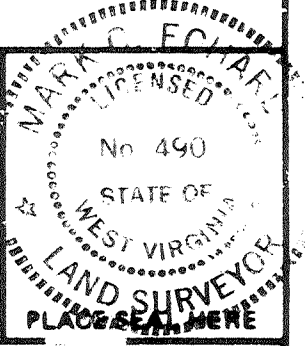
NOTE: CALLS ASSEMBLED FROM ADJOINING DEEDS - NOT TO BE USED FOR TRANSFER OF REAL PROPERTY

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION DATA FL AT IN W.V.  
 COUNTY RTS. PILLMAN - 892'

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) Mark C. Echard  
 MARK C. ECHARD

R.P.E. \_\_\_\_\_ L.L.S. 490



STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL & GAS  
 NITRO, WEST VIRGINIA 25143



DATE JULY 1, 1980  
 OPERATOR'S WELL NO. THREE  
 API WELL NO. 47-017-02797-7  
 STATE COUNTY PERMIT

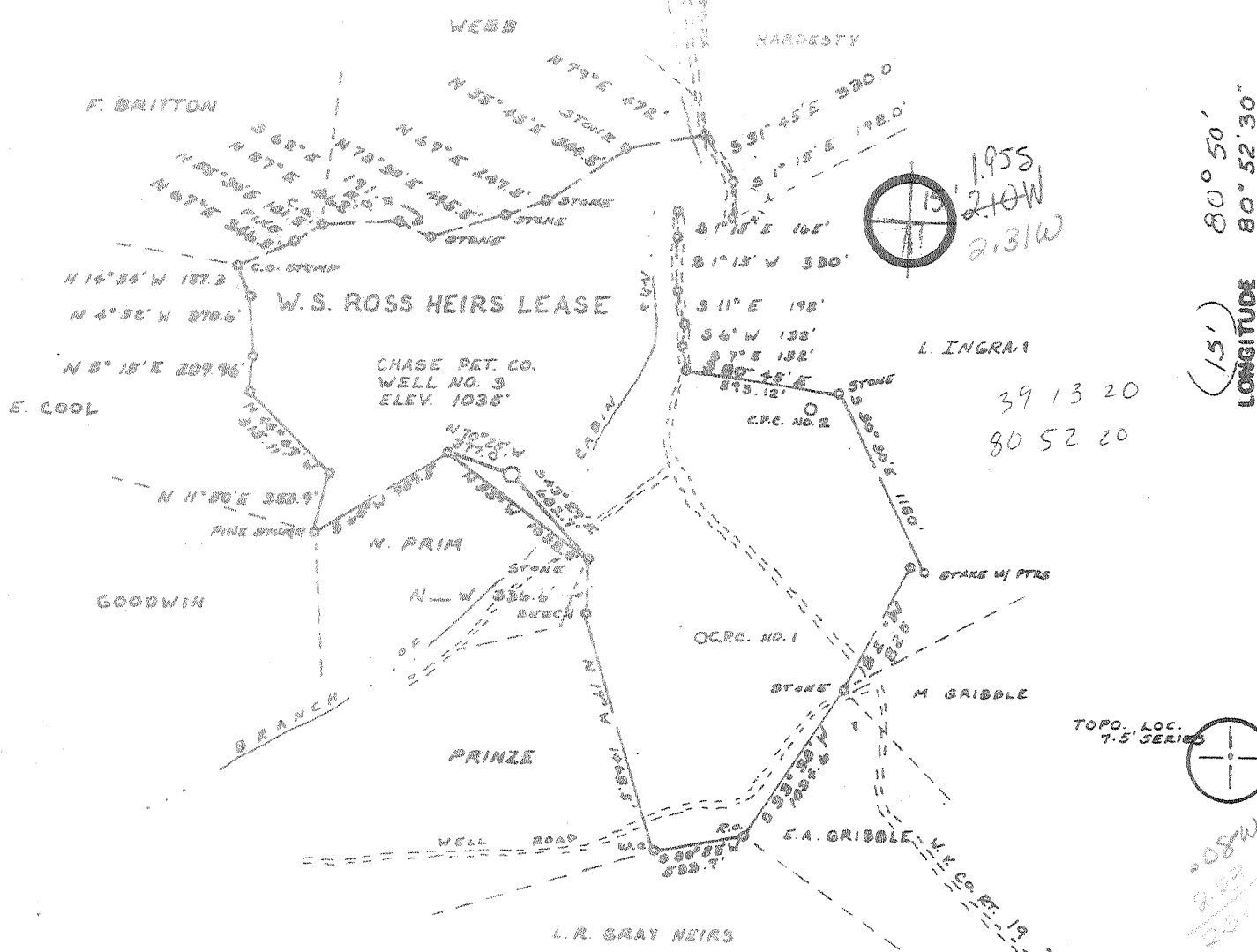
WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1035 WATER SHED CABIN RUN  
 DISTRICT CENTRAL COUNTY PODDRIDGE  
 QUADRANGLE PILLMAN 7.5  
 SURFACE OWNER WILLIAM BURGESS CREAGE \_\_\_\_\_  
 OIL & GAS ROYALTY OWNER W.S. ROSS, ET AL LEASE ACREAGE 195  
 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)  
Set plug frac Balltown, Specialty & Conoco Alexander  
Riley & Upper Riley.  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5470

WI Meridian Exploration Corporation  
 AI Penn Center West Two, Suite 325  
 Pittsburgh, Pa. 15276

John O. Kizer (C.T. Corp.)  
 1200 Charleston Nat'l Plaza  
 Charleston, Wv.a 25301  
 PH: 304-485-4633

2-23

117-7-23-80



NOTE: CALLS ASSEMBLED FROM ADJOINING DEEDS - NOT TO BE USED FOR TRANSFER OF REAL PROPERTY

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/2000  
 PRIMARY SOURCE OF INFORMATION EAST AT THE W.V. COUNTY REC. 174 194 - 892

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) Mark C. Echard  
 MARK C. ECHARD  
 R.P.E. \_\_\_\_\_ L.L.S. 490

PLACE SEAL HERE

(+) NOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-B (8-70)



DATE JUNE 1, 1980  
 OPERATOR'S WELL NO. THREE  
 API WELL NO. 47-017-2797  
 STATE W.V. COUNTY BOYD PERMIT 195

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 WATER SHED CABIN RUN  
 DISTRICT CENTRAL COUNTY BOYD  
 QUADRANGLE PULLMAN 7.5' H. BROOK 15' N.C.  
 SURFACE OWNER WILLIAM BURGESS CREAGE \_\_\_\_\_  
 OIL & GAS LOYALTY OWNER S. BYRL ROSS ET AL LEASE ACREAGE 1.95  
 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 ALEXANDER ESTIMATED DEPTH 8670'  
 WELL OPERATOR CHASE PETROLEUM CORP. DESIGNATED AGENT MR. ALTON SKINNER  
 ADDRESS BOX 242 ADDRESS BOX 297  
GLENNVILLE, W.V. 26361 GLENNVILLE, W.V. 26361

RECEIVED  
Environmental Protection

JAN 10 1997 State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Permitting  
Office of Oil & Gas Well Operator's Report of Well Work

Farm name: CUNNINGHAM, RALPH Operator Well No.: BURGESS #3

LOCATION: Elevation: 1,035.00 Quadrangle: PULLMAN

District: CENTRAL County: DODDRIDGE  
Latitude: 10200 Feet South of 39 Deg. 15Min. 0 Sec.  
Longitude 350 Feet West of 80 Deg. 52 Min. 30 Sec.

Company: MERIDIAN EXPLORATION CORP  
PENN CENTER WEST TWO, STE 325  
PITTSBURGH, PA 15276-0000

Agent: CT CORP. SYSTEM

Inspector: MIKE UNDERWOOD  
Permit Issued: 09/30/96  
Well work Commenced: 10/23/96  
Well work Completed: 11/6/96  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 5530  
Fresh water depths (ft) 170

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): None

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
1 3/4"	34	0	
8 7/8"	1975	1975	CTS
4 1/2"	5395	5395	3200
2"		5200	

OPEN FLOW DATA

Producing formation Balltown Pay zone depth (ft) 3,830' - 3,880'  
Gas: Initial open flow 400 MCF/d Oil: Initial open flow - Bbl/d  
Final open flow 400 MCF/d Final open flow - Bbl/d  
Time of open flow between initial and final tests 0 Hours  
Static rock Pressure 1000 psig (surface pressure) after 24 Hours

Second producing formation Specchly Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow 400 MCF/d Oil: Initial open flow - Bbl/d  
Final open flow 400 MCF/d Final open flow - Bbl/d  
Time of open flow between initial and final tests 0 Hours  
Static rock Pressure 1000 psig (surface pressure) after 24 Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: MERIDIAN EXPLORATION CORP.  
By: John Guide John Guide  
Date: 11/6/97

JAN 21 1997

Balltown: Perforations : 3,830' - 3,840' + 3,870' - 3,880' 4SPF

Fracture  
Treatment : 19,700 lbs 20/40 X-link Gel

(0) Zero Nitrogen

250 bbls Water

Speechley: Perforations : 3,438' - 3,448' + 3,454' - 3,464' 4SPF

Fracture  
Treatment : 17,000 lbs 20/40 X-link Gel

(0) Zero Nitrogen

250 bbls water.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division  
WELL RECORD

RECEIVED  
JUL 16 1980

Oil and Gas Division  
DEPT. OF MINES  
Rotary  Oil   
Cable \_\_\_\_\_ Gas   
Recycling \_\_\_\_\_ Comb \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Quadrangle Oxford 7.5

Permit No. 47-017-2797

Company Chase Petroleum  
Address PO Drawer 369, Glenville, WV 26351  
Farm William Burgess Acres 195  
Location (waters) Cabin Run  
Well No. Burgess #3 Elev. 1035  
District Central County Doddridge  
The surface of tract is owned in fee by William Burgess  
Address Oxford, WV  
Mineral rights are owned by S. Byrl Ross, et al  
Address Parkersburg, Wv 26101  
Drilling Commenced August 22, 1980  
Drilling Completed August 28, 1980  
Initial open flow 600,000 cu. ft. 0 bbls.  
Final production 1,100,000 cu. ft. per day 0 bbls.  
Well open 10 hrs. before test 1660 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu ft (Sks)
Size 20-16			
Cond. 13-10" 11 3/4	34	-0-	
9 5/8			
8 5/8 23#	1975	1975	CTs
7			
5 1/2			
4 1/2 10.5#	5395	5395	675 Sks
3			
2			
Lines Used			

Well treatment details:

Attach copy of cementing record.

Fraced Alexander; 5239-5270; 12 holes; 575 bbls. total fluid; 60,000 # 20/40  
20,000 # 80/100  
Fraced Lower Riley; 4574-4580; 12 holes; 394 bbls. total fluid; 30,000 # 20/40  
10,000 # 80/100  
Fraced Upper Riley; 4174-4206; 14 holes; 646 bbls. total fluid; 35,000 # 20/40  
10,000 # 80/100

Coal was encountered at No Coal Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 170 Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Alexander, Lower Riley, Upper Riley Depth 5239-5270, 4574-4580, 4174-4206

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Cond.			G.L.	50		
Sand & Shale			50	100		
White Sand			100	110		
Sand & Shale			110	135		
Shale & Red Rock			135	154		
Red Rock			154	163		
Sand			163	218		
Red Rock			218	223		
Sand & Shale			223	231		
Sand			231	234		
Red Rock & Shale			234	255		
Sand & Shale			255	290		
Shale			290	295		
Sand, Shale & Red Rock			295	324		
Sand			324	327		
Red Rock & Shale			327	355		
Sand			355	358		
Red Rock & Shale			358	370		
Sand			370	385		
Red Rock & Shale			385	420		
Sand & Shale			420	452		
Red Rock			452	485		
Sand & Shale			485	540		
Sand			540	550		
Shale & Red Rock			550	560		

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Sand & Shale			568	605	Sand & Shale	4990 5220
Red Rock & Shale			605	683	<u>Alexander Sand</u>	5220 5255
Sand			683	755	Sand & Shale	5255 5530 TD
Shale & Red Rock			755	765		
Sand			765	772		
Shale & Red Rock			772	788		
Lime			788	799		
Shale & Red Rock			799	815		
Sand & Shale			815	841		
Shale & Red Rock			841	849		
Sand			849	851		
Shale & Red Rock			851	868		
Sand & Shale			868	889		
Shale & Red Rock			889	950		
Sand & Shale			950	958		
Shale & Red Rock			958	1012		
Sand			1012	1024		
Sand & Shale			1024	1050		
Shale & Red Rock			1050	1070		
Sand & Shale			1070	1085		
Shale			1085	1110		
Sand & Shale			1110	1120		
Shale & Red Rock			1120	1132		
Sand & Shale			1132	1145		
Shale			1145	1153		
Sand & Shale			1153	1237		
Sand			1237	1245		
Sand & Shale			1245	1270		
Sand			1270	1310		
Sand & Shale			1310	1325		
Shale			1325	1330		
Sand & Shale			1330	1378		
Sand			1378	1384		
Sand & Shale			1384	1400		
Sand			1400	1411		
Sand & Shale			1411	1434		
Sand			1434	1470		
Sand & Shale			1470	1485		
Shale			1485	1500		
Sand & Shale			1500	1535		
Shale			1535	1544		
Sand & Shale			1544	1580		
Sand			1580	1645		
Sand & Shale			1645	1672		
Sand			1672	1678		
Sand & Shale			1678	1760		
Red Rock			1760	1765		
Sand & Shale			1765	1786		
Sand			1786	1833		
Sand & Shale			1833	1916		
White Sand			1916	1926		
Sand & Shale			1926	1941		
Sand			1941	1950		
Sand & Shale			1950	1956		
Shale			1956	1995		
Sand & Shale			1995	2040		
Big Lime			2040	2138		
Sand			2138	2170		
Sand & Shale			2170	2473		
Shale			2473	2494		
Sand & Shale			2494	2690		
Sand			2690	2715		
Sand & Shale			2715	2993		
Sand			2993	3003		
Sand & Shale			3003	4983		
Benson			4983	4990		

Date October 15 1980

APPROVED Alton Sinner Owner



RECEIVED

JUL 21 1980

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE 7/21/80

Surface Owner William Burgess  
Address Oxford WV.  
Mineral Owner S. Byrl Ross et al  
Address 929 Market St. Parkersburg, WV  
Coal Owner No Coal  
Address \_\_\_\_\_  
Coal Operator None  
Address \_\_\_\_\_

Company Chase Petroleum  
Address Glenville, WV. 26351  
Farm Burgess Acres 195  
Location (waters) Cabin Run  
Well No. Burgess #3 Elevation 1035  
District Central County Doddridge  
Quadrangle Oxford 7-1/2

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 3-24-81.

INSPECTOR  
TO BE NOTIFIED Paul Garrett  
ADDRESS Clarksburg, WV. 26301  
PHONE 623-3871

GENTLEMEN: Director - Oil & Gas Division

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 March 17 1980 by S. Byrl Ross et al made to Alton Skinner and recorded on the 15th day of April 1980 in Doddridge County, Book 114 Page 442

X 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 N/A 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,  
(Sign Name) Alton Skinner  
Well Operator  
P.O. Drawer 369  
Street  
Glenville,  
City or Town  
W.V. 26351  
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

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

Signed by Alton Skinner

017  
DOD-2797

PERMIT NUMBER

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

PROPOSED WORK ORDER TO  DRILL  DEEPEN  FRACTURE STIMULATE

DRILLING CONTRACTOR: (If Known) S.W. Jack Drilling Co. RESPONSIBLE AGENT: Alton Skinner

ADDRESS Buckhannon, WV. 26201 ADDRESS Glenville, WV. 26351

TELEPHONE 472-9403 TELEPHONE 462-8916

ESTIMATED DEPTH OF COMPLETED WELL: 5670 ROTARY  CABLE TOOLS

PROPOSED GEOLOGICAL FORMATION: Alexander

TYPE OF WELL: OIL  GAS  COAL  STORAGE  DISPOSAL   
 RECYCLING  WATER FLOOD  OTHER

**TENTATIVE CASING PROGRAM:**

CASING AND TUBING SIZE	USED FOR DRILLING	DEPTH IN WELL	CEMENT LIME OR SACKS PER FOOT
20 - 16			
13 - 10 11"	20	-0-	
9 - 5/8			
8 - 5/8 23#	1700	1700	CTS
7			
5 1/2			
4 1/2 10.5#	5550	5550	3600
			Per Top
			Per Bottom
			Per Top
			Per Bottom

APPROXIMATE FRESH WATER DEPTH 20 FEET SALT WATER 400 FEET

APPROXIMATE COAL DEPTHS No Coal

IS COAL BEING MINED IN THE AREA? No BY WHOM? N/A

**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