

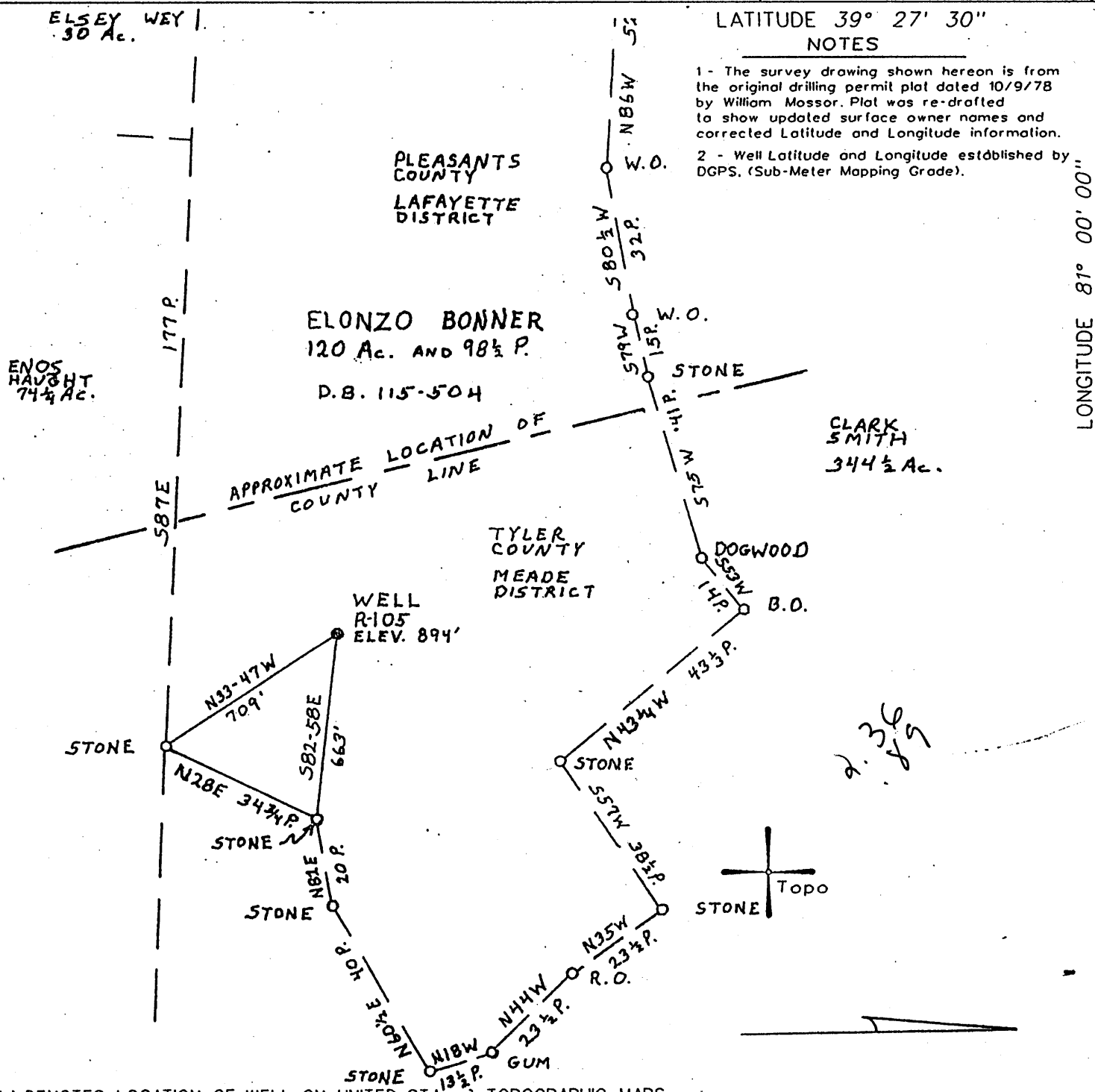
Long. - 81° 01' 00.0"

4,700'

LATITUDE 39° 27' 30"
NOTES

1 - The survey drawing shown hereon is from the original drilling permit plat dated 10/9/78 by William Mossor. Plat was re-drafted to show updated surface owner names and corrected Latitude and Longitude information.

2 - Well Latitude and Longitude established by DGPS. (Sub-Meter Mapping Grade).



LONGITUDE 81° 00' 00"

12.460'

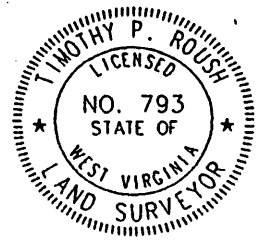
Lat. - 39° 25' 26.6"

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

FILE NO. 109-41
 DRAWING NO. _____
 SCALE 1" = 30 P.
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION WVDEP Records

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) [Signature]
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil and Gas
 1356 Hansford St.
 Charleston, West Virginia 25301

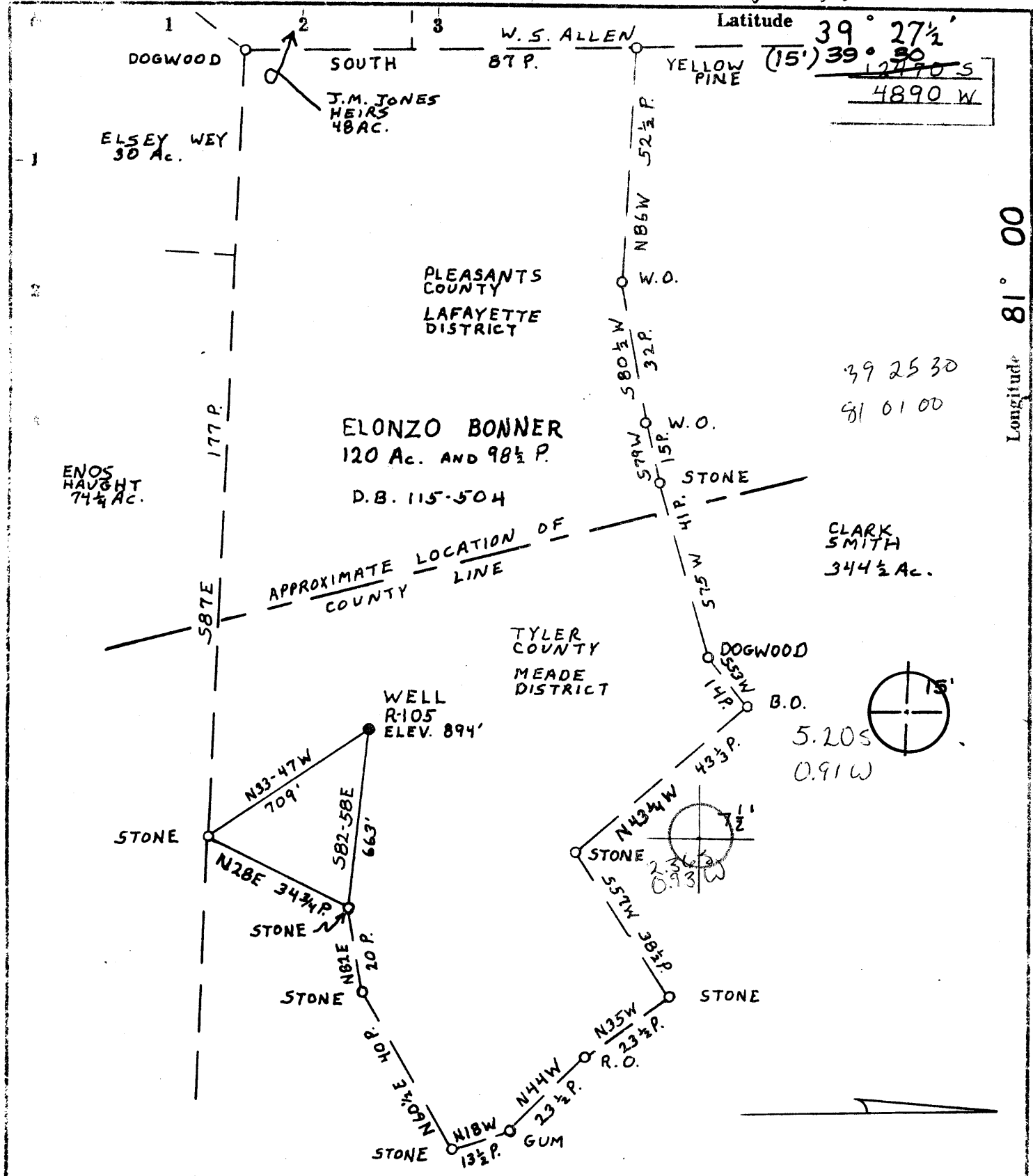


DATE January 21, 2002
 FARM Bonner NO. R-105
 API WELL NO. 47-095-0677F

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 894' WATERSHED Sugar Creek
 DISTRICT Meade COUNTY Tyler
 QUADRANGLE Ben's Run 7.5'
 SURFACE OWNER David Bonner et al. ACREAGE 120 + Ac.
 OIL & GAS ROYALTY OWNER David Bonner et al. LEASE ACREAGE 120 + Ac.
 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 Big Injun ESTIMATED DEPTH 2,000' APR 5 2002
 WELL OPERATOR Triad Resources DESIGNATED AGENT Kimberly Lynch
 ADDRESS P.O. Box 430 ADDRESS P.O. Box 154
Reno, OH 45773 Waverly, WV 26184

FORM IV-6

TYL 0677F



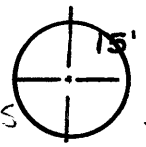
Latitude $39^{\circ} 27\frac{1}{2}'$
 $(15') 39^{\circ} 27\frac{1}{2}'$
 $2770 S$
 $4890 W$

Longitude $81^{\circ} 00'$

$39 25 30$
 $81 01 00$

CLARK SMITH
 344 1/2 AC.

5.20 S
 0.91 W



- Fracture...
- Redrill...
- New location
- Drill Deeper
- Abandonment

Source of Elevation ROAD ELEV. ELEV. 732'

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.

Minimum accuracy, one part in 200

William R. Mossor

Company C.W. RIGGS INC
 Address BOX 358, ST. MARYS, W.VA. 26170
 Farm ELONZO BONNER
 Tract Acres 120 - 98 1/2 P. Lease No. _____
 Well (Farm) No. R-105 Serial No. _____
 Elevation (Spirit Level) 894' NE
 Quadrangle ST. MARYS 15'
ST. MARYS 15' 7 1/2' QUAD.
 County TYLER District MEADE
 Surveyor or Engineer WILLIAM R. MOSSOR
 Surveyor's or Engineer's Registration No. L.L.S. # 551
 File No. _____ Drawing No. _____
 Date 9 OCT. 1978 Scale 1" = 30 P.

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

WELL LOCATION MAP
 FILE NO. **47-095-0677**

+ 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.

JAN 4 1979

2894' Gordon, 6-6 Shiloh-Wick (86)

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

mt

Well Operator's Report of Well Work

Farm name: BONNER Operator Well No.: R-105

LOCATION: Elevation: 894' Quadrangle: BENS RUN

District: MEADE County: TYLER

Latitude: 12,400 Feet South of 39 Deg. 27 Min. 30 Sec.

Longitude 4.700 Feet West of 81 Deg. 00 Min. 00 Sec.

Company: TRIAD RESOURCES, INC.

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>P.O. Box 430</u>				
<u>REND, OHIO 45713</u>				
Agent: <u>KIMBERLY ARNOLD</u>				
Inspector: <u>MIKE UNDERWOOD</u>	<u>8 5/8"</u>	<u>259'</u>	<u>259'</u>	<u>C. T. S.</u>
Date Permit Issued: <u>4/2/02</u>				
Date Well Work Commenced: <u>10/23/02</u>				
Date Well Work Completed: <u>11/4/02</u>	<u>4 1/2"</u>	<u>2874'</u>	<u>2874'</u>	<u>345 SKS</u>
Verbal Plugging:				<u>(T.O.C. 1000')</u>
Date Permission granted on:				<u>(BEND LOG)</u>
Rotary Cable Rig <u>X</u>	<u>1 1/2"</u>		<u>1950'</u>	
Total Depth (feet): <u>2400' PBD</u>				
Fresh Water Depth (ft.): <u>NA</u>				
Salt Water Depth (ft.): <u>NA</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): _____				

OPEN FLOW DATA

Producing formation BIG INJUN Pay zone depth (ft) 1835-1850
 Gas: Initial open flow - MCF/d Oil: Initial open flow - Bbl/d
 Final open flow 15 MCF/d Final open flow 1 Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation KEENER Pay zone depth (ft) 1810'-1820'
 Gas: Initial open flow - MCF/d Oil: Initial open flow - Bbl/d
 Final open flow 15 MCF/d Final open flow 1 Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure _____ psig (surface pressure) after _____ 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.

Signed: Rocky Roberts
 By: Rocky ROBERTS GEOLOGIST
 Date: 1/10/03

FEB 27 2003

TYL 0677 F

PLUG BACK INFORMATION

SQUEEZED EXISTING PERFORATIONS 2590' - 2774'. SET A CEMENT PLUG FROM 2774' TO 2400' WITH 28 SACKS OF CLASS A CEMENT. ATTACHED IS PLUGBACK WORK ORDER FROM FORMATION CEMENTING, INC.

PERFORATIONS

KEENER	1810' - 1814'	16 SHOTS USING 0.39" HSC
BIG INJUN	1834' - 1840'	24 SHOTS USING 0.39" HSC

FRACTURING DATA

FIRST STAGE BIG INJUN

21,000 GALLONS GELLED (10[#]) FRESHWATER
1,000 GALLONS 15% HCl ACID
13,000 POUNDS 20/40 SAND
BREAKDOWN: 1500 PSIG
AVERAGE TREATING PRESSURE: 2150 PSIG
AVERAGE RATE: 21 BPM
ISIP: 1000 PSIG
5-MIN SIP: 900 PSIG

SECOND STAGE KEENER

53,000 GALLONS GELLED (15[#]) FRESHWATER
1,000 GALLONS 15% HCl ACID
23,500 POUNDS 20/40 SAND
BREAKDOWN: 1200 PSIG
AVERAGE TREATING PRESSURE: 2400 PSIG
AVERAGE RATE: 19 BPM
ISIP: 1500 PSIG
5-MIN SIP: 1250 PSIG



RECEIVED
FEB 22 1980

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD 77

Quadrangle BENS RUN
Permit No. 47-095-0677

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

Company C. W. RIGGS, INC.
Address Box 358, ST. MARYS, W.V.A.
Farm BONNER Acres 120
Location (waters) SUGAR CREEK
Well No. R-105 Elev. 894
District MEADE County TYLER
The surface of tract is owned in fee by _____
E. E. BONNER
Address MEADEVILLE, W.V.A.
Mineral rights are owned by SAME
Address SAME
Drilling Commenced 3-19-79
Drilling Completed 3-23-79
Initial open flow _____ cu. ft. _____ bbls.
Final production 15,000 cu. ft. per day .5 bbls.
Well open _____ hrs. before test _____ RP.
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 130 MIN.	250'	250'	
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2		2890'	345 sks.
3			
2			
Liners Used			

Attach copy of cementing record. 580 + 15 MCF

PERFORATIONS 2590-2658 7 shots 2765-2776 8 shots

H₂O/SAND/N₂ TREATMENT

1500 BBL H₂O, 100,000 # 20-40 SAND, 125,000 SCF N₂

Coal was encountered at N/A Feet _____ Inches _____
Fresh water N/A Feet _____ Salt Water N/A Feet _____
Producing Sand 30 ft + GORDON Depth 2588-2668 2760-2782
30 ft GOR

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
2ND SALT			1350	1376		* Top Log
3RD SALT			1420	1478		
MAXON			1505	1526		
BIG LIME			1567	1620		
KEENER			1718	1730		
INJUN			1830	1950		
SQUAW			1972	2006		
WELCH STRAY			2208	2282		
BEREA			2344	2354		

(over)

* Indicates Electric Log tops in the remarks section.

MAR 10 1980

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
30 foot			2558	2668	Gas	
GORDON			2759	2781	OIL & Gas	
5th SAND			2860	2877		
						btm 4 1/2 2890

Date 1-23, 1980

APPROVED C. W. Rogers, Inc Owner

By [Signature]



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
DEC 11 1978

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 12-11-78

Surface Owner E. E. BONNER

Company C. W. Riggs INC

Address MARDEVILLE, W. VA

Address Box 358 ST. MARYS, W. VA

Mineral Owner E. E. BONNER

Farm BONNER Acres 120

Address MARDEVILLE, W. VA

Location (waters) SUGAR CREEK

Coal Owner E. E. BONNER

Well No. 2-105 Elevation 894'

Address MARDEVILLE, W. VA

District MADE County TYLER

Coal Operator NONE

Quadrangle BENS RUN, W. VA

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

INSPECTOR
TO BE NOTIFIED PHILIP TRACY

operations have not commenced by 4-13-79

ADDRESS MIDDLEBORNE, W. VA

Robert L. [Signature]
Deputy Director - Oil & Gas Division

PHONE 158-4573

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 OCT 2 1978 by BONNER made to SAGLEY and recorded on the 74 day of DEC 1978 in TYLER County, Book 217 Page 508

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

Very truly yours,
(Sign Name) C. W. Riggs
Well Operator

Address of Well Operator
Box 358 Street
ST. MARYS City or Town
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 X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME HUGHES DRILLING NAME W. Riggs, INC
 ADDRESS SOUTHVILLE, WVA ADDRESS Box 358, S. MARY, WVA
 TELEPHONE 477-3333 TELEPHONE 684-3974
 ESTIMATED DEPTH OF COMPLETED WELL: 2894' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: GREYSON
 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 LIFT UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8 <u>250'</u>		<u>250'</u>	<u>CEMENT TOP-BOTTOM</u>
7			
5 1/2			
4 1/2		<u>2894'</u>	<u>200 SKS</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 20 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