

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1"=500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION **BM ELEV. 769'**

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) William Plasse  
 R.P.E. \_\_\_\_\_ L.L.S. 551

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE 2 MARCH, 1983  
 OPERATOR'S WELL NO. GORRELL #2  
 API WELL NO. \_\_\_\_\_  
47 - 095 - 1027  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

Formerly: Tyler - 947

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

LOCATION: ELEVATION 758' WATER SHED SUGAR CREEK  
 DISTRICT MEADE COUNTY TYLER

QUADRANGLE MIDDLEBOURNE 7 1/2' QUAD West Union Wc  
 SURFACE OWNER RUSSELL GORRELL ACREAGE 242 1/2 (LOT NO. 6 - 26 1/2 AC.)  
 OIL & GAS ROYALTY OWNER RUSSELL GORRELL LEASE ACREAGE 242 1/2  
 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) \_\_\_\_\_

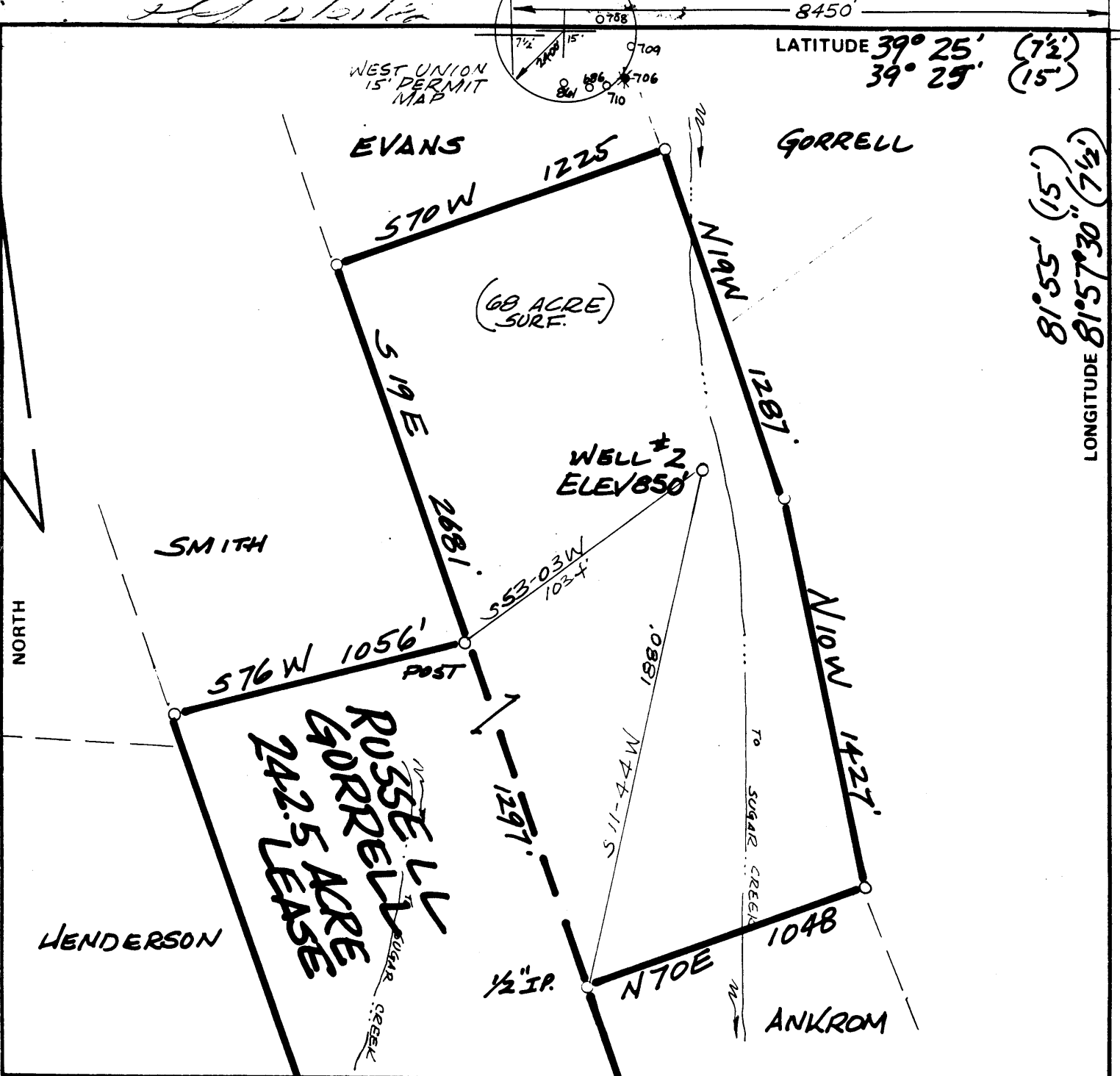
PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 4000'  
 WELL OPERATOR L & B OIL COMPANY DESIGNATED AGENT BERNARD TICE  
 ADDRESS 210 2ND STREET ADDRESS 210 2ND STREET  
ST. MARYS, W. VA. 26170 ST. MARYS, W. VA. 26170

LONGITUDE 80°57'30"

4010'

1027

MAY 10 1983



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION B.M. 769

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) William R. Mosser  
 R.P.E. \_\_\_\_\_ L.L.S. 551

PLACE SEAL HERE

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

FORM IV-6 (8-78)



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE 16 DECEMBER, 1982  
 OPERATOR'S WELL NO. #2 GORRELL  
 API WELL NO. 47-095-0947 (REN)  
 STATE COUNTY PERMIT

Revised Plat

Cancelled  
 See: Jyl-1027

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

LOCATION: ELEVATION 850' WATER SHED SUGAR CREEK  
 DISTRICT MEADE COUNTY TYLER  
 QUADRANGLE MIDDLEBOURNE 7 1/2' QUAD

SURFACE OWNER RUSSELL GORRELL ACREAGE 242.5 (68)  
 OIL & GAS ROYALTY OWNER RUSSELL GORRELL LEASE ACREAGE 242.5

PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

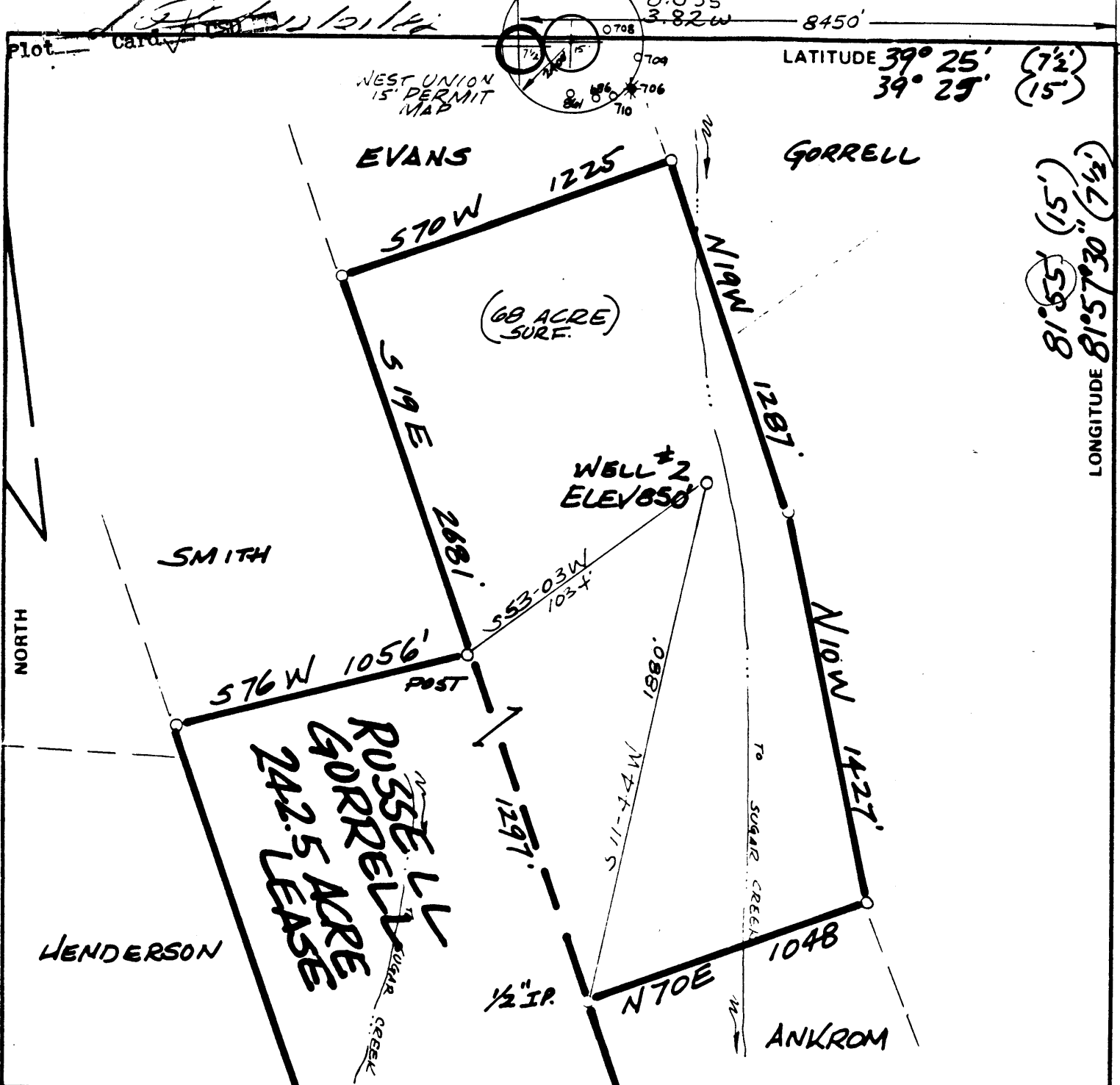
PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_

TARGET FORMATION WARREN 1st ESTIMATED DEPTH 3200'

WELL OPERATOR L & B OIL CO., INC. DESIGNATED AGENT LOREN BAGLEY  
 ADDRESS 210 2ND ST. ST. MARYS, W.VA. 26170 ADDRESS 210 2ND ST. ST. MARYS, W.VA. 26170

MAY 16 1983

TYLER-0947 REN- (RM)



FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 500'  
MINIMUM DEGREE OF ACCURACY 1:200  
PROVEN SOURCE OF ELEVATION B.M. 769

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) William R. Mosser  
R.P.E. \_\_\_\_\_ L.L.S. 551

PLACE SEAL HERE

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

FORM IV-6 (8-78)

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

LOCATION: ELEVATION 850' WATER SHED SUGAR CREEK  
DISTRICT MEADE COUNTY TYLER  
QUADRANGLE MIDDLEBOURNE 7 1/2 QUAD West Union 15' WC

SURFACE OWNER RUSSELL GORRELL ACREAGE 242.5 (68)  
OIL & GAS ROYALTY OWNER RUSSELL GORRELL LEASE ACREAGE 242.5  
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 \_\_\_\_\_

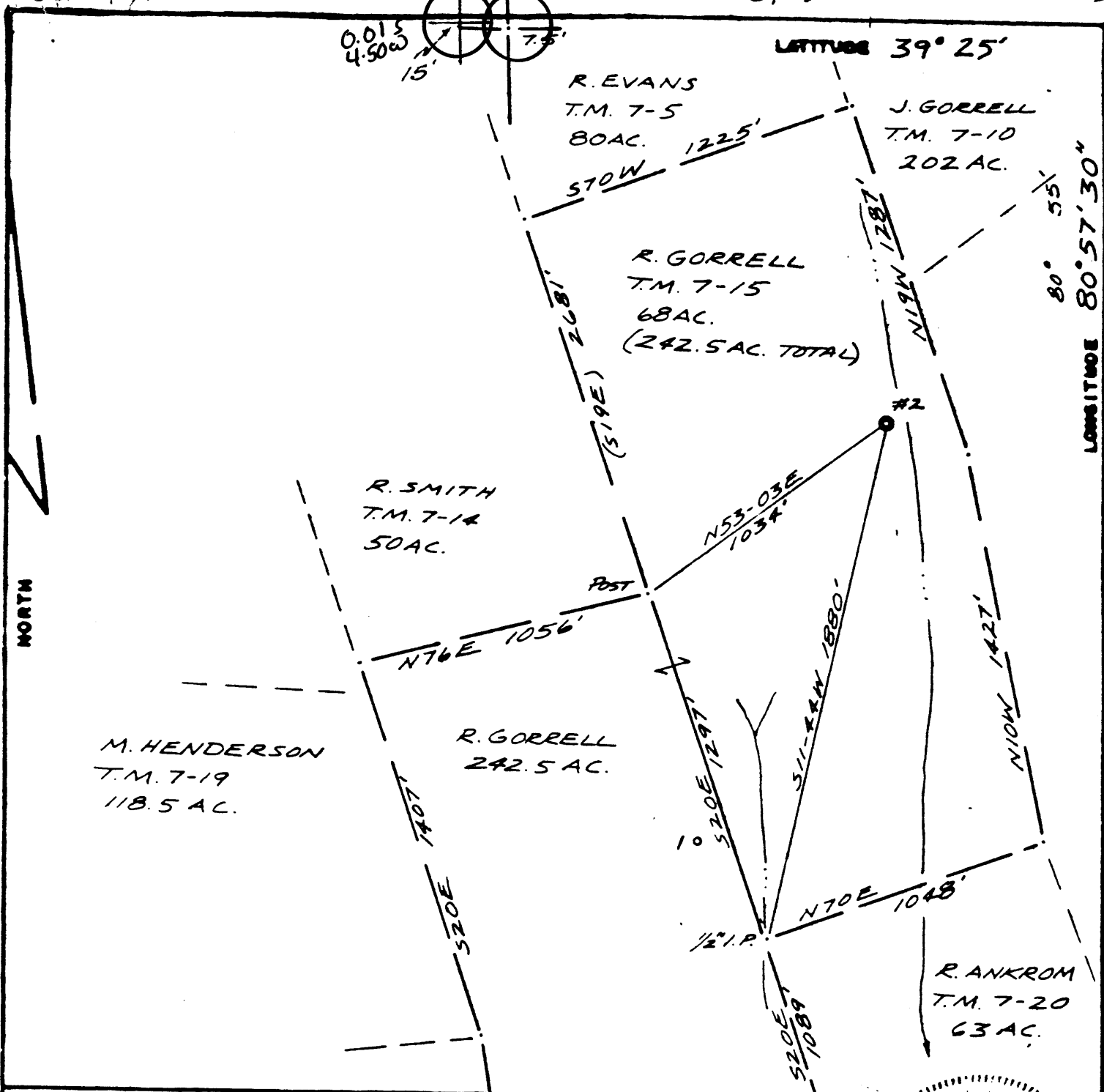
TARGET FORMATION WARREN 1st ESTIMATED DEPTH 3200'  
WELL OPERATOR L & B OIL CO., INC DESIGNATED AGENT LOREN BAGLEY  
ADDRESS 210 2ND ST. ST. MARYS, W.VA. 26170 ADDRESS 210 2ND ST. ST. MARYS, W.VA. 26170

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

DATE 16 DECEMBER, 19 82  
OPERATOR'S WELL NO. #2 - 222564  
API WELL NO. 47 - 095 - 0947 (REN)  
STATE COUNTY PERMIT

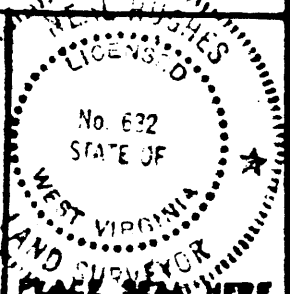
Revised Plat

JAN 03 1983



FILE NO. 81-29  
 DRAWING NO. 2  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION B.M. 769

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) Russell Gorrell  
 R.P.E. \_\_\_\_\_ L.L.S. 632



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6  
 (8-78)



DATE AUG. 15, 19 81  
 OPERATOR'S WELL NO. 2  
 API WELL NO. 47-075-0947  
 STATE COUNTY PERMIT

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 850' WATER SHED SUGAR CREEK  
 DISTRICT MEADE COUNTY TYLER  
 QUADRANGLE MIDDLEBOURNE 75 West Union 13' WC  
 SURFACE OWNER RUSSELL GORRELL ACREAGE 242.5  
 OIL & GAS ROYALTY OWNER RUSSELL GORRELL LEASE ACREAGE 242.5  
 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 GORDON ESTIMATED DEPTH 3000' SEP 22 1981  
 WELL OPERATOR L+B OIL CO., INC. DESIGNATED AGENT LOREN BAGLEY  
 ADDRESS 210 2ND ST. ST. MARYS, W. VA. 26170 ADDRESS 210 2ND ST. ST. MARYS, W. VA. 26170

JUL 15 1984



IV-35 (Rev 8-81)

RECEIVED JUN 21 1984

OIL & GAS DIVISION DEPT. OF MINES

Date September 13, 1983 Operator's Well No. Gorrell #2 Farm Russell Gorrell API No. 047 - 095 - 1027

State of West Virginia Department of Mines Oil and Gas Division

OIL & GAS DIVISION DEPT. OF MINES

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas X / Liquid Injection / Waste Disposal / (If "Gas," Production / Underground Storage / Deep / Shallow /) LOCATION: Elevation: 758' Watershed Sugar Creek District: Meade County Tyler Quadrangle Middlebourne

COMPANY L & B Oil Company, Inc. ADDRESS P.O. Box C, St. Marys, WV 26170 DESIGNATED AGENT Bernard Tice ADDRESS P.O. Box C, St. Marys, WV 26170 SURFACE OWNER Russell Gorrell ADDRESS Rt. 1, Middlebourne, WV 26149 MINERAL RIGHTS OWNER Russell Gorrell ADDRESS Rt. 1, Middlebourne, WV 26149 OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther ADDRESS 3rd St., Middlebourne, WV PERMIT ISSUED 4-25-83 DRILLING COMMENCED 6-16-83 DRILLING COMPLETED 6-19-83

Table with 4 columns: Casing Tubing Size, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16, 13-10, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

GEOLOGICAL TARGET FORMATION Gordon Depth 3200 feet Depth of completed well 3200 feet Rotary X / Cable Tools Water strata depth: Fresh 60 feet; Salt N/A feet Coal seam depths: N/A Is coal being mined in the area? NO

OPEN FLOW DATA Producing formation Gordon Pay zone depth 2589 to 2602 feet Gas: Initial open flow 600 Mcf/d Oil: Initial open flow 15 Bbl/d Final open flow 450 Mcf/d Final open flow 10 Bbl/d Time of open flow between initial and final tests 72 hours Static rock pressure 900 psig (surface measurement) after 24 hours shut in (If applicable due to multiple completion--)

POF for well 450 mcf + 1080

Upper Dev. undiff. Thirty Foot

Second producing formation Thirty Foot Pay zone depth 2412 to 2428 feet Gas: Initial open flow 600 Mcf/d Oil: Initial open flow 15 Bbl/d Final open flow 400 Mcf/d Oil: Final open flow 10 Bbl/d Time of open flow between initial and final tests 72 hours Static rock pressure 900 psig (surface measurement) after 24 hours shut in

AUG 13 1984

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Stage #1 16 perms between 2593 to 2712 Gordon  
 20,000 lbs. 20/40 sand  
 360,000 SCF of N2

Stage #2 18 perms between 2407 to 2537 (30 ft)  
 20,000 lbs. 20/40 sand  
 160 bbl. H2O  
 360,000 SCF of N2

*use intervals of front*

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fres and salt water, coal, oil and ga
Shale			0	180	
Shale and Sand			180	500	
Red Shale			500	800	
Shale and Sandstone			800	2180	
Berea			2180	2186	
Thirty Foot			2430	2442	Gas
Gordon			2604	2616	Gas and oil
Shale			2616	<u>3200</u>	TD up Dec undiff

(Attach separate sheets as necessary)

L & B Oil Company, Inc.

Well Operator

By: Renard Lee President

Date: 9-13-83

Note: Regulation 2.02(i) provides as follows:  
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including sand, encountered in the drilling of a well."



1) Date: December 17, 19 82  
 2) Operator's Well No. Gorrell #2  
 3) API Well No. 47 095 0947 095  
 State County Permit

DILLING CONTRACTOR:

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil XX / Gas XX /  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow XX /)
- 5) LOCATION: Elevation: 8501 Watershed: Sugar Creek  
 District: Meade County: Tyler Quadrangle: Middlebourne 71
- 6) WELL OPERATOR L & B Oil Company, Inc. 11) DESIGNATED AGENT Loren E. Bagley  
 Address P.O. Box C Address P.O. Box C  
St. Marys, WV 26170 St. Marys, WV 26170
- 7) OIL & GAS ROYALTY OWNER Russell Gorrell 12) COAL OPERATOR none  
 Address Rt 1 Address \_\_\_\_\_  
Middlebourne 26170
- 8) SURFACE OWNER Russell Gorrell 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address Rt 1 Name none  
Middlebourne, WV 26170 Address \_\_\_\_\_  
 Acreage 242.5 Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 9) FIELD SALE (IF MADE) TO:  
 Address \_\_\_\_\_
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Name Robert Lowther Name none  
 Address 3rd Street Address \_\_\_\_\_  
Middlebourne, WV 26149
- 15) PROPOSED WORK: Drill XX / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Fracture or stimulate \_\_\_\_\_ /  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_ /  
 Other physical change in well (specify) \_\_\_\_\_
- 16) GEOLOGICAL TARGET FORMATION, Warren 1st  
 17) Estimated depth of completed well, 3200' feet  
 18) Approximate water strata depths: Fresh, 90 feet; salt, none feet.  
 19) Approximate coal seam depths: none Is coal being mined in the area? Yes \_\_\_\_\_ / No XX /

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor	10"	R 1	40.5	x		250	250	To surface		
Fresh water										
Coal										
Intermediate	8 5/8"	RL	23	x		1200	1200	To surface		
Production	4 1/2"	RL	10.5	x		3200'	3200'	By rule 1501		Depths set
Tubing										
Liners										Perforations:
										Top Bottom

- 21) EXTRACTION RIGHTS  
 Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
- 22) ROYALTY PROVISIONS  
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes  No   
 If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.
- 23) Required Copies (See reverse side.)
- 24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.
- Notary: \_\_\_\_\_ Signed: Bernard L. ...  
 My Commission Expires August 4, 1992 Its: Vice President

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number \_\_\_\_\_ Date \_\_\_\_\_

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires \_\_\_\_\_ unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee

Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
2) Your well name and number
3) To be filled out by office of oil & gas
4A) 'Oil' means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: 'Gas' means all natural gas and all other fluid hydrocarbons not defined as oil.
4B) 'Shallow well' means any well drilled and completed in a formation above the top of the uppermost member of the 'Onondaga Group' or a depth less than six thousand feet, whichever is shallower.
'Deep well' means any well drilled and completed in a formation at or below the top of the uppermost member of the 'Onondaga Group' or at a depth less than six thousand feet, whatever is shallower.
5) Where well is located
6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
7) Use separate sheet if necessary
8) Present surface owner at time application is filed.
9) Optional
11) See Reg. 7.01 relating to code §22-4-1k
12) 'Coal Operator' means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
13 & 14) As per §22-4-20; See Note 24
15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
16) Anticipated formation for which well will be completed
17) Self explanatory
18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
19) All coal seam depths
20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
(1)A brief description of the tract of land including the district and county wherein the tract is located;
(2)The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
(3)The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
(4)A brief description of the royalty provisions of each such lease or contract.
22) Code 22-4-11(d) and 22-4-11(e).
23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, 'Reclamation Plan', applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
24) The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator \_\_\_\_\_/ owner \_\_\_\_\_/ lessee \_\_\_\_\_/of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19 \_\_\_\_\_

By \_\_\_\_\_

Its \_\_\_\_\_





Well No. Garrett # 2  
Farm Russel Garrett  
API # 47-095-0947  
Date \_\_\_\_\_

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil XX / Gas XX /  
(If "Gas", Production XX / Underground storage \_\_\_ / Deep \_\_\_ / Shallow \_\_\_ /

LOCATION: Elevation: 850 Watershed: Sugar Creek  
District: Meade County: Tyler Quadrangle: Middlebourne T.S

WELL OPERATOR L&B Oil Company Inc  
Address 210 2<sup>ND</sup> ST  
ST Marys W.Va 26170

DESIGNATED AGENT Loren E Bagley  
Address 210 2<sup>ND</sup> ST  
ST Marys W.Va 26170

OIL AND GAS ROYALTY OWNER Russel Garrett  
Address R-1  
Middlebourne W.Va 26149  
Acreage 242.5

COAL OPERATOR N/A  
Address \_\_\_\_\_

SURFACE OWNER Russel Garrett  
Address R-1  
Middlebourne W.Va 26149  
Acreage 242.5

COAL OWNER(S) WITH DECLARATION ON RECORD:  
NAME N/A  
Address \_\_\_\_\_

FIELD SALE (IF MADE) TO:  
NAME \_\_\_\_\_  
Address \_\_\_\_\_

NAME \_\_\_\_\_  
Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION ON RECORD:  
NAME N/A  
Address \_\_\_\_\_

OIL AND GAS INSPECTOR TO BE NOTIFIED:  
NAME Phil Tracy  
Address R-3  
Alma W.Va 26320  
Telephone 304-258-4523

**RECEIVED**

SFP 9 - 1981

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_ / lease XX / other contract \_\_\_ / dated May 12<sup>th</sup>, 1981, to the undersigned well operator from Russell Garrett.

(If said deed, lease, or other contract has been recorded:)

Recorded on May 19<sup>th</sup>, 1981, in the office of the Clerk of County Commission of

Tyler County, West Virginia, in 230 Book at page 560. A permit is requested as follows:

PROPOSED WORK: Drill XX / Drill Deeper \_\_\_ / Redrill \_\_\_ / Fracture or stimulate \_\_\_ / Plug off old formation \_\_\_ / Perforate new formation \_\_\_ / Other physical change in well (specify) \_\_\_\_\_

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1613 WASHINGTON ST., E.  
CHARLESTON, WV 25311  
Telephone - 304/348-3092

**BLANKET BOND**

L&B Oil Company Inc  
Well Operator  
By: Loren E Bagley  
Its: President

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) \_\_\_\_\_

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Gordon

Estimated depth of completed well 3000 feet. Rotary ? / Cable tools ? /

Approximate water strata depths: Fresh, 82 feet; salt, \_\_\_\_\_ feet.

Approximate coal seam depths: N/A

Is coal being mined in this area: Yes ? No XX

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drilling	Left in Well		
Conductor	<u>10 3/4</u>	<u>R2</u>	<u>40.5 #</u>	<u>1</u>		<u>250'</u>	<u>250'</u>	<u>To Surface</u>	Kinds
Fresh water									
Coal									Sizes
Intermed.	<u>8 5/8</u>	<u>R2</u>	<u>23 #</u>	<u>1</u>		<u>1000'</u>	<u>1000'</u>	<u>To Surface</u>	
Production Tubing	<u>4 1/2</u>	<u>R2</u>	<u>10.5 #</u>	<u>1</u>		<u>3000'</u>	<u>3000'</u>	<u>By Rule 1501</u>	Depths set
Liners								<u>300 Sks. of</u>	Perforations: Top Bottom

**NOTE:** Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

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 5-11-82.

J. B. Arnsperger  
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator        / owner        / lessee        / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19\_\_\_\_.

By: \_\_\_\_\_

Its: \_\_\_\_\_