

*Joann Lease  
196 Acres±  
Well No. 1*

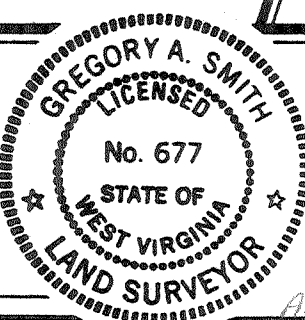
N/F ROBERT MAXWELL

N/F NEVA McMULLAN ET. AL.

REFERENCES 1" = 100'

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 ENERGY.


L.L.S. *Gregory A. Smith*  
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE JULY 2, 19 92  
OPERATORS WELL NO. JOANN NO. 1  
API WELL NO. 47 - 083 - 1120-P  
STATE COUNTY PERMIT  
*was 083 720*  
*Approved under July 8-22-92*

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2864 (39-52)  
PROVEN SOURCE OF ELEVATION BENCH MARK ELEVATION 1971 SCALE 1" = 800'

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION



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

LOCATION: ELEVATION 2129' WATERSHED MIDDLE FORK RIVER  
DISTRICT MIDDLE FORK COUNTY RANDOLPH QUADRANGLE CASSITY 7.5'

SURFACE OWNER MIKE ROSS ACREAGE 196  
ROYALTY OWNER MIKE ROSS LEASE ACREAGE 196

PROPOSED WORK: LEASE NO. \_\_\_\_\_  
DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER \_\_\_\_\_  
PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION ORISKANY  
ESTIMATED DEPTH 7800'

WELL OPERATOR Mike Ross Inc. DESIGNATED AGENT Mike Ross  
ADDRESS Box 173 Coalton, WV 26257 ADDRESS Box 173 Coalton, WV 26257

*DEEP WELL*

*6-0 295*

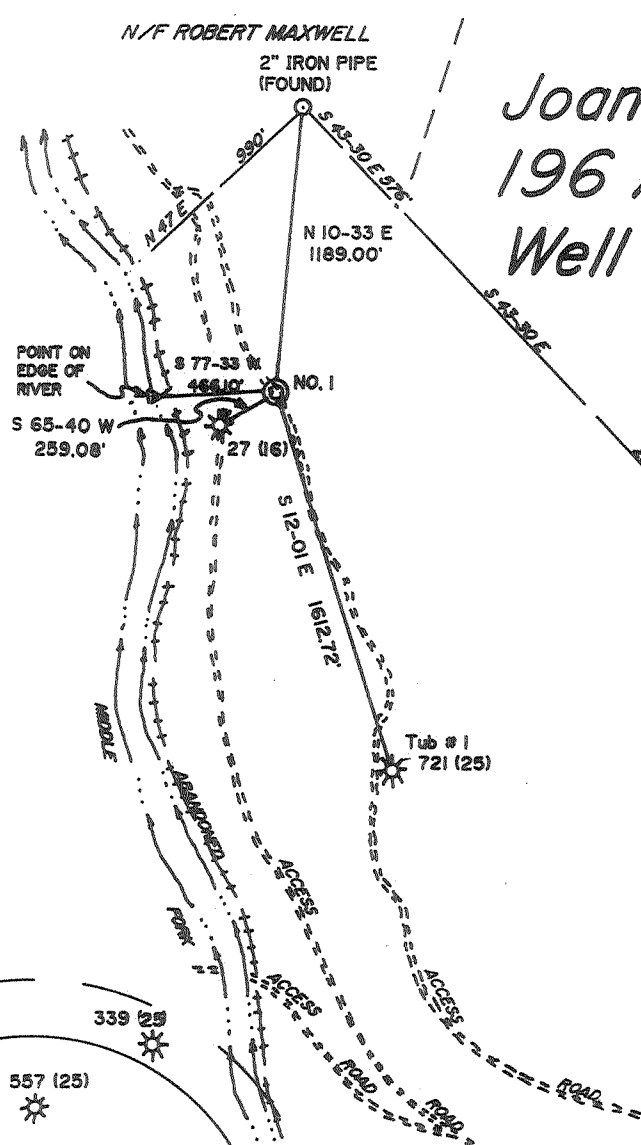
.00011

COUNTY NAME

PERMIT

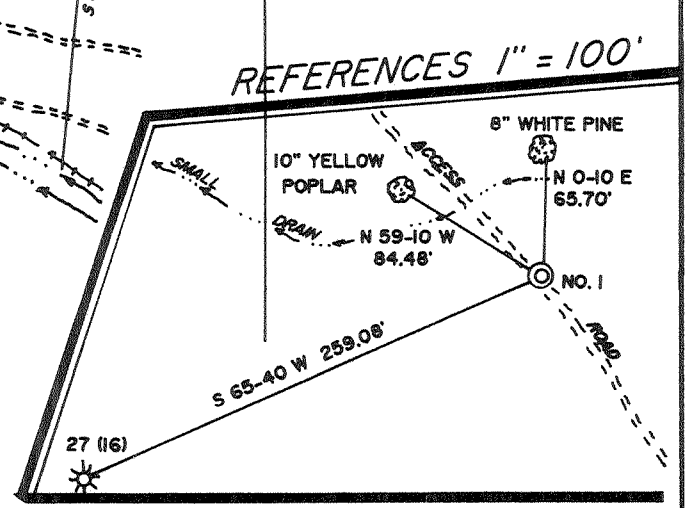
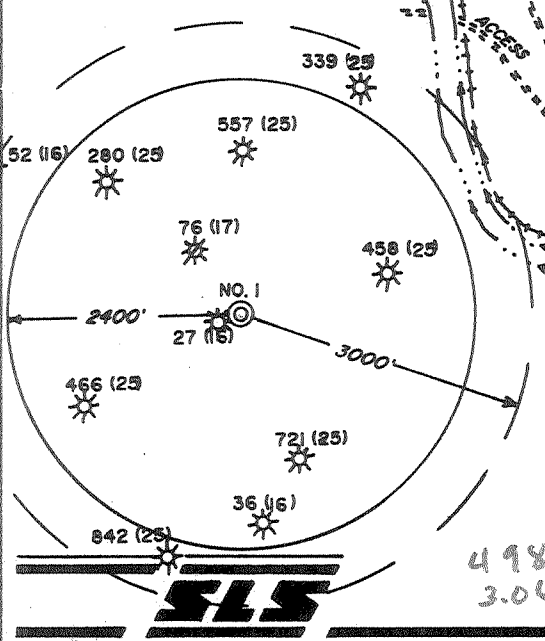
RAND 1120

# Joann Lease 196 Acres Well No. 1



N/F NEVA McMULLAN ET. AL.

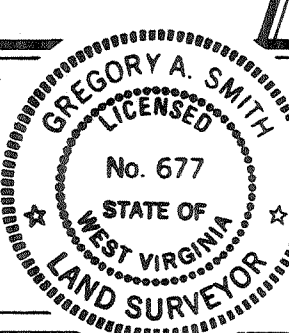
NORTH



REFERENCES 1" = 100'

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 ENERGY.

L.L.S. Gregory A. Smith  
677



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

DATE JULY 2, 19 92

OPERATORS WELL NO. JOANN NO. 1

API WELL NO. 47 - 083 - 1120

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2864 (39-52)

PROVEN SOURCE OF ELEVATION BENCH MARK ELEVATION 197' SCALE 1" = 800'

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION

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

LOCATION: ELEVATION 2129' WATERSHED MIDDLE FORK RIVER

DISTRICT MIDDLE FORK 5 COUNTY RANDOLPH QUADRANGLE CASSITY 7.5' Sago

SURFACE OWNER MIKE ROSS ACREAGE 196

ROYALTY OWNER MIKE ROSS LEASE ACREAGE 196

PROPOSED WORK: LEASE NO. \_\_\_\_\_

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION ORISKANY

ESTIMATED DEPTH 7800'

WELL OPERATOR Mike Ross Inc. 4096 DESIGNATED AGENT Mike Ross

ADDRESS Box 173 Coalton, WV 26257 ADDRESS Box 173 Coalton, WV 26257

COUNTY NAME PERMIT

LATITUDE 38°52'30"  
38°55'

ROBERT MAXWELL  
460 AC

NEVA MC MULLAN ET AL  
2589 AC

LONGITUDE 80°00'00"  
80°02'30"

NORTH

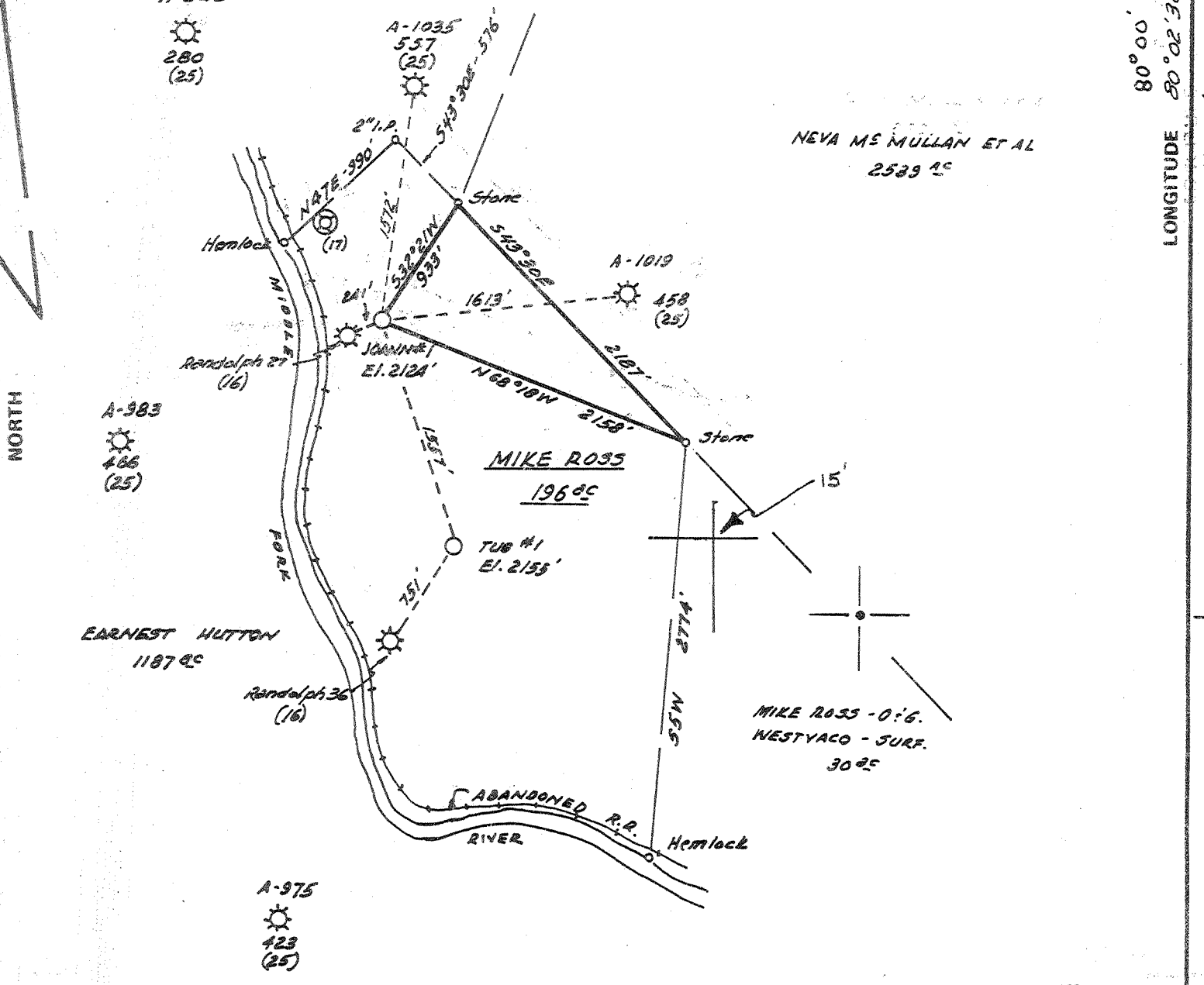
A-842  
280  
(25)

A-1035  
557  
(25)

A-983  
466  
(25)

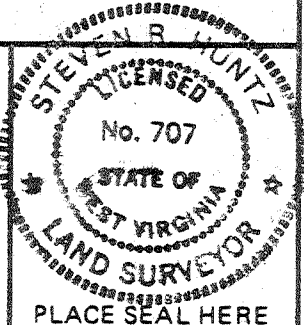
EARNEST HUTTON  
1187 AC

A-975  
423  
(25)



FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1"=1000'  
MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
PROVEN SOURCE OF ELEVATION USGS B.M.  
F 280 1962 ELEV. 1992'

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) Steven R. Huntz  
R.P.E. \_\_\_\_\_ L.L.S. 707



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION



DATE SEPT. 6, 1982  
OPERATOR'S WELL NO. JOANNY #1  
API WELL NO. \_\_\_\_\_  
47 - 083 - 0720  
STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
LOCATION: ELEVATION 2124 WATER SHED MIDDLE FORK RIVER  
DISTRICT MIDDLE FORK COUNTY RANDOLPH  
QUADRANGLE CASSITY 7.5'  
SURFACE OWNER MIKE ROSS ACREAGE 196  
OIL & GAS ROYALTY OWNER MIKE ROSS LEASE ACREAGE 196  
LEASE NO. \_\_\_\_\_  
PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

FEB 03 1986

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
TARGET FORMATION ELK ESTIMATED DEPTH 5500'  
WELL OPERATOR ROSS & WHARTON GAS CO. INC. DESIGNATED AGENT MIKE ROSS  
ADDRESS 9 1/2 FRANKLIN ST. ADDRESS 9 1/2 FRANKLIN ST.  
BUCKHANNON, W. VA. 26201 BUCKHANNON W. VA. 26201

RAND. 0720





Date: 9/21, 19 82  
Operator's Well No. Joann #1  
API Well No. 47 -083- 0720  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION  
OIL AND GAS WELL PERMIT APPLICATION

Now 083 1120

WELL TYPE: Oil      / Gas X /  
(If "Gas", Production      / Underground storage      / Deep      / Shallow X /)  
LOCATION: Elevation: 2124' Watershed: Middle Fork River  
District: Middle Fork County: Randolph Quadrangle: Cassity

WELL OPERATOR Ross & Wharton Gas Co. DESIGNATED AGENT Mike Ross  
Address 9 1/2 Franklin St. Address 9 1/2 Franklin St.  
Buckhannon, WV 26201 Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER Mike Ross COAL OPERATOR None  
Address Box 173 Address       
Coalton, WV 26257

ACREAGE 196  
SURFACE OWNER Mike Ross COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Mike Ross  
Address Box 173  
Coalton, WV 26257

ACREAGE 196  
FIELD SALE (IF MADE) TO:  
Address Unknown  
Name       
Address     

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Robert Stewart  
Address Jane Lew, WV 26378  
Name None  
Address     

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed X / lease       
other contract      / dated April 20, 19 82, to the undersigned well operator from Mike Ross

(If said deed, lease, or other contract has been recorded:)  
Recorded on April 27, 19 82, in the office of the Clerk of the County Commission of Randolph County, West  
Va., in Deed Book 378 at page 229. A permit is requested as follows:

PROPOSED WORK: Drill X / 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 the receipt of this Application by the  
Department.

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.

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY  
TO:  
WEST VIRGINIA OIL AND GAS  
CONSERVATION COMMIS-  
SION  
1615 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
TELEPHONE: (304) 348-3092

RECEIVED  
SEP 22 1982

OIL & GAS DIVISION  
DEPT. OF MINES

BLANKET BOND

Ross & Wharton Gas Co.  
Well Operator  
By Mike Ross, Mike Ross  
Its Partner

PROPOSED WORK ORDER

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

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

GEOLOGICAL TARGET FORMATION, Elk

Estimated depth of completed well, 5500 feet Rotary X / Cable tools \_\_\_\_\_ /  
Approximate water strata depths: Fresh, 100 feet; salt, \_\_\_\_\_ feet.  
Approximate coal seam depths: 100' Is coal being mined in the area? Yes \_\_\_\_\_ / No X /

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		Kind	Size
Conductor	11 3/4"									
Fresh Water										
Coal										
Intermediate	8 5/8" CW		20#	X		750'	750'	200 sks.		
Production	4 1/2" CW		10.5#	X		5500'	5500'	300 above top pay	Depths set	
Tubing										
Liners									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,  
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY  
APPROVED FOR drilling THIS PERMIT SHALL EXPIRE  
IF OPERATIONS HAVE NOT COMMENCED BY 5-24-83  
BY [Signature]

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 X / 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: 9/21, 19 82  
By Ross & Wharton Gas Co.  
Mike Ross  
Its Partner





1) Date: June 10, 19 83  
 2) Operator's Well No. Joann #1  
 3) API Well No. 47 -083- 0720-Ren.  
 State            County            Permit           

DRILLING CONTRACTOR:  
Unknown

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

now 0831120

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil            / Gas X  
 B (If "Gas", Production            / Underground storage            / Deep            / Shallow X)  
 5) LOCATION: Elevation: 2124' Watershed: Middle Fork River  
 District: Middle Fork County: Randolph Quadrangle: Cassity  
 6) WELL OPERATOR Ross & Wharton Gas Co. Inc. 11) DESIGNATED AGENT Mike Ross  
 Address 9 1/2 Franklin St. Address 9 1/2 Franklin St.  
Buckhannon, WV 26201 Buckhannon, WV 26201  
 7) OIL & GAS ROYALTY OWNER Mike Ross 12) COAL OPERATOR None  
 Address Box 173 Address             
Coalton, WV 26257  
 Acreage 196  
 8) SURFACE OWNER Mike Ross 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address Box 173 Name Mike Ross  
Coalton, WV 26257 Address Box 173  
 Acreage 196 Coalton, WV 26257  
 9) FIELD SALE (IF MADE) TO: Name             
 Address Unknown Address             
 10) OIL & GAS INSPECTOR TO BE NOTIFIED Name Robert Stewart  
 Address Jane Lew, WV 26378 Address             
 15) PROPOSED WORK: Drill X / Drill deeper            / Redrill            / Fracture or stimulate             
 Plug off old formation            / Perforate new formation             
 Other physical change in well (specify)             
 16) GEOLOGICAL TARGET FORMATION, 5500' - Elk  
 17) Estimated depth of completed well, 5500' feet  
 18) Approximate water strata depths: Fresh, 100 feet; salt, none feet.  
 19) Approximate coal seam depths: 100' Is coal being mined in the area? Yes            / No X

**RECEIVED**  
JUN 15 1983

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		
Conductor	11 3/4			X		20'	20'		Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	CW	20#	X		750'	750'	200 sks.	By rule 1505
Production	4 1/2"	CW	10.5#	X		5500'	5500'	300' above top pay	Depths set OL AS REG by rule 1505
Tubing									Perforations:
Liners									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.) Deed bk.#: 378, Page 229.  
 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: Andra M. Campbell Signed: Mike Ross  
 My Commission Expires June 13, 1983 Its: Partner

OFFICE USE ONLY  
**DRILLING PERMIT**  
 Permit number 47-083-0720-Ren Date September 13, 1983

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 September 13, 1985 unless drilling is commenced prior to that date and prosecuted with due diligence.  
 Bond: BB Agent:            Plan:            Casing:            Fee:             
Michael Lewis  
 Administrator, Office of Oil and Gas

RECEIVED

WV Division of Environmental Protection

FORM WW-2B

JUN 10 92

083 - 1120 was: 083 720

Issued 8/5/92

Expires Page 8/5/94 of

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS Office of Oil & Gas WELL WORK PERMIT APPLICATION

- 1) Well Operator: MIKE ROSS INC. dba ROSS & WHARTON GAS CO. 43225 (5) 282
2) Operator's Well Number: Joann #1 3) Elevation: 2124
4) Well type: (a) Oil / or Gas x /
(b) If Gas: Production x / Underground Storage / Deep / Shallow x /
5) Proposed Target Formation(s): Oriskany
6) Proposed Total Depth: 7800 feet
7) Approximate fresh water strata depths: 300
8) Approximate salt water depths: 0
9) Approximate coal seam depths: 0
10) Does land contain coal seams tributary to active mine? Yes / No x /
11) Proposed Well Work: DRILL & STIMULATE NEW WELL
12)

CASING AND TUBING PROGRAM

Table with columns: TYPE, SPECIFICATIONS (Size, Grade, Weight per ft.), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT (Fill-up (cu. ft.)). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, and Liners.

PACKERS : Kind Sizes Depths set

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP Plat WW-9 WW-2B Bond (Type) Agent



Page 1 of \_\_\_\_\_  
Form WW2-A  
(09/87)  
File Copy

**RECEIVED**  
Division of  
Protection  
**JUN 10 1992**  
Permitting  
Oil & Gas

1) Date: June 10, 1992  
2) Operator's well number  
Joann #1  
3) API Well No: 47 - 083 - 1120  
State - County - Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

<p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Mike Ross</u> Address <u>Box 173</u> <u>Coalton, WV 26257</u></p> <p>(b) Name _____ Address _____</p> <p>(c) Name _____ Address _____</p>	<p>5) (a) Coal Operator:</p> <p>Name _____ Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name <u>Mike Ross</u> Address <u>Box 173</u> <u>Coalton, WV 26257</u></p> <p>Name _____ Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name _____ Address _____</p>
<p>6) Inspector <u>Phillip Tracy</u> Address <u>Route 2, Box 37-A</u> <u>Montrose, WV 26283</u> Telephone (304)- <u>636-8798</u></p>	

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

\_\_\_\_\_ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR  
x Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through \_\_\_\_\_ on the above named parties, by:

- x Personal Service (Affidavit attached)
- \_\_\_\_\_ Certified Mail (Postmarked postal receipt attached)
- \_\_\_\_\_ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator MIKE ROSS, INC., dba ROSS & WHARTON GAS CO.  
By: Mike Ross  
Its: President  
Address Box 173  
Coalton, WV 26257  
Telephone 304/472-4289

Subscribed and sworn before me this 10 day of June, 1992

Gene Murray Notary Public  
My commission expires 11-3-93

WR-35

05-Aug-92  
API # 47- 83-01120

Reviewed TMG State of West Virginia  
Recorded CH Division of Environmental Protection  
Section of Oil and Gas

RECEIVED  
Office of Oil & Gas  
WV 23 92  
WV Division of  
Environmental Protection

Well Operator's Report of Well Work

Farm name: ROSS, MIKE Operator Well No.: JOANN #1

LOCATION: Elevation: 2129.00 Quadrangle: CASSITY

District: MIDDLE FORK County: RANDOLPH  
Latitude: 11000 Feet South of 38 Deg. 52Min. 30 Sec.  
Longitude 4310 Feet West of 80 Deg. 2 Min. 30 Sec.

Company: ROSS & WHARTON GAS CO., I  
ROUTE 6, BOX 123  
BUCKHANNON, WV 26201-0123

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8	854	854	215 sks

Agent: MIKE ROSS

Inspector: PHILLIP TRACY  
Permit Issued: 08/05/92  
Well work Commenced: 08/10/92  
Well work Completed: 08/22/92  
Verbal Plugging Aug. 22, 1992  
Permission granted on: \_\_\_\_\_  
Rotary  Cable \_\_\_\_\_ Rig  
Total Depth (feet) 7704  
Fresh water depths (ft) 65

Salt water depths (ft) None

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

OPEN FLOW DATA

Producing formation Oriskany Well Plugged Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow 20 MCF/d Oil: Initial open flow -- Bbl/d  
Final open flow -- MCF/d Final open flow -- Bbl/d  
Time of open flow between initial and final tests -- Hours  
Static rock Pressure -- psig (surface pressure) after -- Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ 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.

MIKE ROSS, INC., dba  
For: ROSS & WHARTON GAS CO., INC.

By: Mike Ross  
Date: August 27, 1992

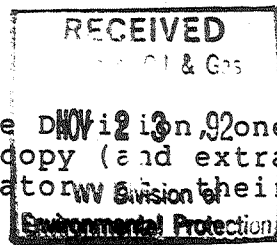
Well Not Fractured  
& 5/8 Cemented

Fill & Sand	0	123
Coal	123	127
Sandy Shale	127	579
Lime	579	591
Shale & Red Rock	591	609
Lime	609	615
Shale & Red Rock	615	645
Big Lime	645	789
Injun	807	865
Sandy Shale	865	1410
Fourth Sand	1410	1540
Shale & Red Rock	1540	1570
Sand & Shale	1570	1832
Sandy Shale	1832	3062
Sand & Shale	3062	4331
Sandy Shale	4331	5722
Shale	5722	6481
Brown Shale	6481	6528
Black Shale	6528	6593
Black Lime	6593	6750
Sandy Shale (Black)	6750	6770
Black Shale	6770	6980
Lime & Shale	6980	7050
Chert	7050	7206
Shale & Lime	7206	7239
Oriskany	7239	7360
Sandy Shale	7360	7704

Very small show of gas

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
SECTION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL



AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the DNO 12 13 1992 one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator WV Division of Environmental Protection at their respective addresses.

Farm name: ROSS, MIKE Operator Well No.: JOANN #1

LOCATION: Elevation: 2129.00 Quadrangle: CASSITY  
District: MIDDLE FORK County: RANDOLPH  
Latitude: 11000 Feet South of 38 Deg. 52 Min. 30 Sec.  
Longitude 4310 Feet West of 80 Deg. 2 Min. 30 Sec.

Well Type: OIL \_\_\_\_\_ GAS x

Company: Mike Ross, Inc.  
Box 173  
Coalton, WV 26257

Coal Operator \_\_\_\_\_  
or Owner \_\_\_\_\_

Agent: Mike Ross

Coal Operator \_\_\_\_\_  
or Owner \_\_\_\_\_

Permit Issued: 10/26/92

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Upshur ss:

Mike Ross and Patrick F. Murray being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Mike Ross, Inc. Oil and Gas Inspector representing the Director, say that said work was commenced on the 22nd day of August, 1992, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Gel	7455	7200		
Cement	7200	7000	Cement 900-800	
Gel	7000	5700	Gel 800-0	
Cement	5700	5500		
Gel	5500	4300		
Cement	4300	4100		
Gel	4100	3100		
Cement	3100	3000		
Gel	3000	1600		
Cement	1500	900		

Description of monument:

and that the work of plugging and filling said well was completed on the 22nd day of August, 1992.

And further deponents saith not.

Sworn and subscribe before me this 18 day of November, 1992  
My commission expires: November 3, 1993

Mike Ross  
Patrick F. Murray  
Steve Murray  
Notary Public

Oil and Gas Inspector: Phil Tracy by Steve Casey