

[88-78] **RECEIVED**

Operator's Well No. B-9

API Well No. 47 - 001 - 736  
State County Permit

OCT 26 1982

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

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

WELL TYPE: Oil      / Gas X / Liquid Injection      / Waste Disposal      /  
(If "Gas", Production X / Underground storage      / Deep      / Shallow X /  
LOCATION: Elevation: 1276' Watershed: Elk Creek  
District: Elk County: Barbour Quadrangle: Philippi

J & J Enterprise Inc.

WELL OPERATOR % Berry Energy Consultants & Mgrs.  
11th Fl. Union National Bank Bldg.  
Address P.O. Box 5  
Clarksburg, W. Va. 26301

DESIGNATED AGENT Same as Operator  
Address Same

STATE OF WEST VIRGINIA, )  
COUNTY OF Upshur ) SS:

Jerry Legg and John Daugherty

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; that they were employed by S.W. Jack Drilling Company,  
the well operator, and participated in the work of plugging and filling the above well; that the work  
was commenced on October 18th, 1982, and completed on October 18th, 1982, in the  
following manner:

PERMITTED WORK: Plug and abandon XX / Clean out and replug      /

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness
Regular	T.D. 4 1/2	4165	
		3850	315
	Gel 6%	3850	
		2950	900 Cut 4 1/2
Regular	Plug	2950	
		2850	100
	Gel 6%	2850	
		1950	900
Regular	Plug	1950	
		1850	100
	Gel 6%	1850	
		0	

Bridge Plugs Used--Type and Depth  
Cement, 2950-2850  
Cemtnt, 1950-1850

VENT PIPE

MISCELLANEOUS MATERIALS

CASING LOST 1254', 4 1/2" & 1966' 85/8

TYPE OF RIG:

Owner: Well Op'r      / Contractor X /

Rig time:      days plus      hours

COAL SEAMS (NAMES AND DEPTHS)

Name Unknown 200-202  
Name Unknown 598-600

DESCRIPTION OF WELL MONUMENT

6" Pipe Filled with Cement  
Set 10' below surface and  
extending 30" above surface  
properly inscribed with date,  
well number and operator.

Jerry Legg (SEAL)  
John Daugherty (SEAL)

Subscribed and sworn to before me this

21<sup>st</sup> day of October, 1982.

My commission expires October 16, 1989.

[Signature]  
NOTARY PUBLIC

BAR. - 736





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

RECEIVED  
OCT 06 1982

OIL & GAS DIVISION  
DEPT. OF MINES

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

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

Not Operated	J & J Enterprises, Inc. c/o Berry Energy Consultants
Coal Operator	Name of Well Operator
	11th Floor, Union Nat'l. Bank Bldg. P.O. Box 5, Clarksburg, WV 26301
Address	Complete Address
Louis Roda	
Coal Owner	Date
Box 1691 - Clarksburg, WV 26301	WELL TO BE ABANDONED
Address	Elk District
Stanley Stewart	Barbour County
Lease or Property Owner	Well No. <u>2-B-9</u>
RFD 4	Stanley Stewart Farm
Philippi, WV	
Address	

Inspector Robert Stewart, P.O. Box 345, Jane Lew, WV 26378 Telephone 884-7782

TO BE NOTIFIED 24 HOURS IN ADVANCE OF PLUGGING OPERATIONS

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence

the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,

Well Operator

NOTE: Upon the abandonment of any well drilled prior to June 1, 1929, a plat prepared by a registered engineer, shall be filed with THREE COPIES OF APPLICATION, (OG-9) AND "WORK ORDER" AND TWO COPIES OF THE WELL RECORD, (OG-10). The map must show the district and county in which the tract of land is located, the name and acreage of same, the name or names of the owners and names of adjacent tracts and the location of the well to be abandoned, determined by survey with the courses and distances of such well from two permanent points or landmarks on said tract, in compliance with Rule 5 of the Rules and Regulations.

NOTE: In case plugging is not commenced within four months from the date of permit, same shall expire and be of no further force or effect.

NOTE: PERMIT IS NON TRANSFERABLE.

47-001-736 -P

Permit Number

AFFIDAVIT, FORM OG-8, MANNER WELL PLUGGED MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL UNDER BOND.



PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WORK ORDER

Well to be plugged and filled as follows:

Cement	4518 - 4213
Gel	4213 - 4120
Cement	4120 - 4020
Gel	4020 - 3700
Cement	3700 - 3600
Gel	3600 - 2420
Cement	2420 - 2320
Gel	2320 - 1730
Cement	1730 - 1630
Gel	1630 to Surface

To the Department of Mines  
Coal Owner or Operator,  
Lease or Property Owner.

IF PARTIAL PLUGGING  
PLEASE SUBMIT REVISED WELL RECORD  
WHEN WORK IS COMPLETED.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,

\_\_\_\_\_  
Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

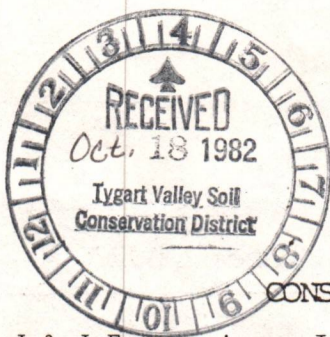
12<sup>th</sup> day of Oct, 1982.

DEPARTMENT OF MINES  
Oil and Gas Division

By: [Signature]

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.





State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

J & J Enterprises, Inc.

COMPANY NAME c/o Berry Energy Consultants

DESIGNATED AGENT Berry Energy Consultants

Address P.O. Box 5, Clarksburg, WV 26301

Address P.O. Box 5, Clarksburg, WV 26301

Telephone 622-3450

Telephone 622-3450

LANDOWNER Joseph Benson

SOIL CONS. DISTRICT Tygart's Valley

Revegetation to be carried out by S. W. Jack Drilling Company (Agent)

This plan has been reviewed by Tygart's Valley SCD. All corrections and additions become a part of this plan: 10/24/82

(Date)

Jean Freeman  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Level (A)

Structure Diversion Ditch (1)

Spacing Well Road goes out old strip road

Material Earthen

Page Ref. Manual \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Structure \_\_\_\_\_ (B)

Structure Rip Rap



Spacing \_\_\_\_\_

Material Rock

NOV 5 - 1982

Page Ref. Manual \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

Structure \_\_\_\_\_ (C)

Structure \_\_\_\_\_ (3)

Spacing \_\_\_\_\_

Material \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime 3 Tons/acre  
or correct to pH \_\_\_\_\_

Lime 3 Tons/acre  
or correct to pH \_\_\_\_\_

Fertilizer 3 600 lbs/acre  
(10-20-20 or equivalent)

Fertilizer 3 600 lbs/acre  
(10-20-20 or equivalent)

Mulch 2 Tons/acre

Mulch 2 Tons/acre

Seed\* Ky. Tall Fescue 30 lbs/acre

Seed\* Ky. Tall Fescue 30 lbs/acre

Birdsfoot 10 lbs/acre

Birdsfoot 10 lbs/acre

Dom Rye 10 lbs/acre

Dom Rye 10 lbs/acre

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY Berry Energy Consultants

ADDRESS P. O. Box 5

Clarksburg, WV 26301


PHONE NO. 622-3450


NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.




ATTACH OR PHOTOCOPY SECTION OF  
INVOLVED TOPOGRAPHIC MAP.  
QUADRANGLE Philippi

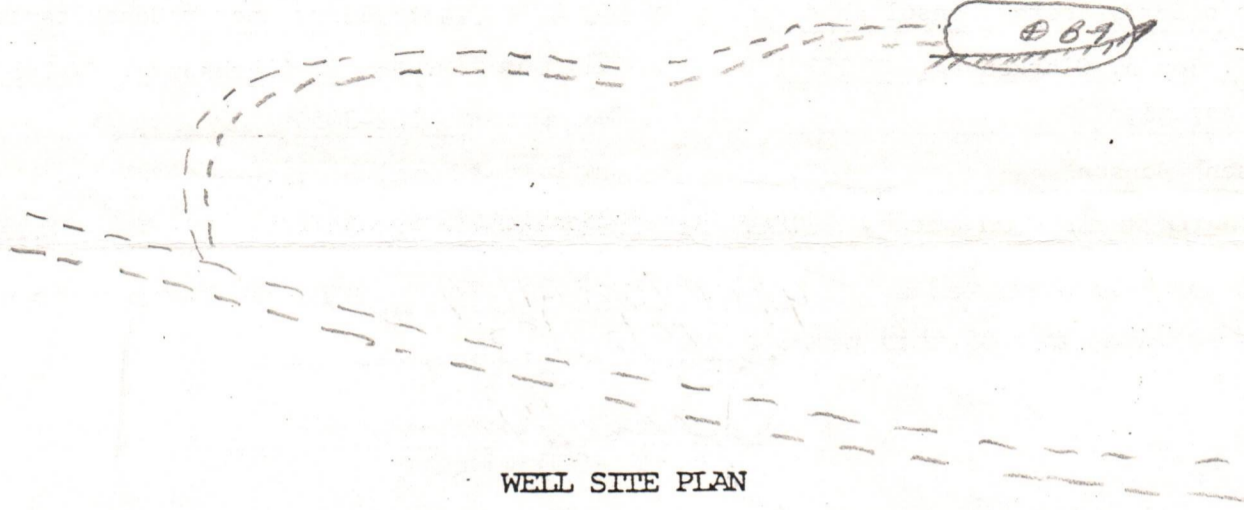
LEGEND

Well Site 

Access Road 

*SMALL PIT  
IF NEEDED* 

*69*












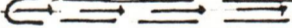


WELL SITE PLAN

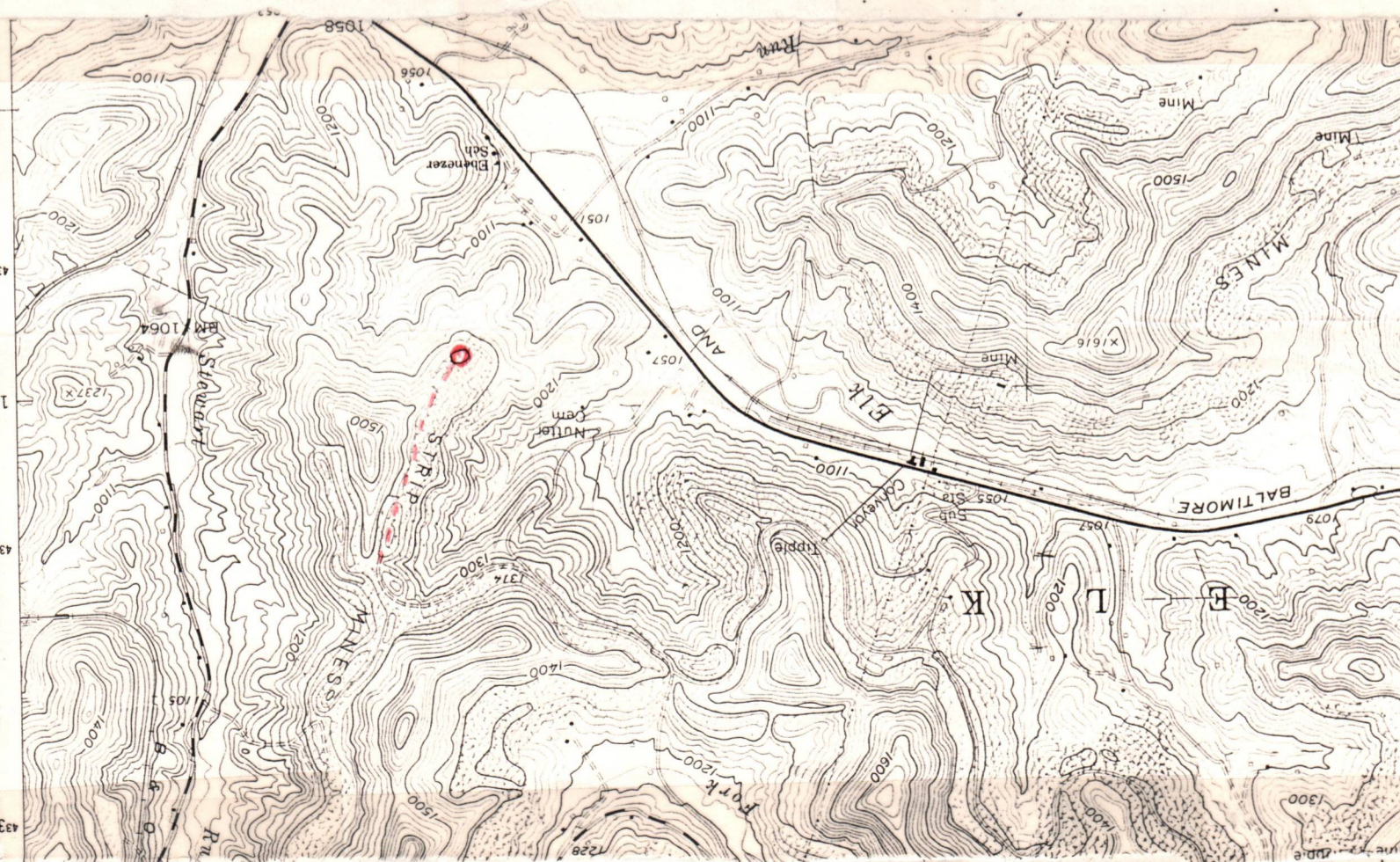
*RTH  
57  
5*

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

- |   |  |
|---|--|
| Property boundary  | Diversion   |
| Road               | Spring      |
| Existing fence     | Wet spot    |
| Planned fence      | Building    |
| Stream             | Drain pipe  |
| Open ditch         | Waterway    |

This Reclamation Plan is to plug an old well drilled in 1976 - Location is on an old strip mine - Well road is out old strip mine and is level.





B-5

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

RECEIVED

OCT 21 1982

INSPECTOR'S PLUGGING REPORT

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

Permit No. 001-0736-P

Well No. B-9

COMPANY BERRY ENERGY

ADDRESS CLARKSBURG

FARM STANLEY STUART

DISTRICT EIK

COUNTY BARBOUR

Filling Material Used

Cement - AQUAGel

Liner	Location	Amount	Packer	Location
PLUGS USED AND DEPTH PLACED			BRIDGES	
CEMENT-THICKNESS			CASING AND TUBING	
	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED
				SIZE
				LOST
<u>Cement</u>	<u>4255</u>	<u>3955</u>		
<u>Gel</u>	<u>3955</u>	<u>3000</u>		<u>8 7/8</u> <u>1966</u>
<u>Cement</u>	<u>3000</u>	<u>2900</u>		<u>3000</u> <u>4 1/2</u> <u>1255</u>
<u>Gel</u>	<u>2900</u>	<u>1950</u>		
<u>Cement</u>	<u>1950</u>	<u>1850</u>		
<u>Gel</u>	<u>1850</u>	<u>0</u>		

Drillers' Names HALLIBURTON - SIM JACK SERVICE RIG

Remarks:  
Will ERect Vented MARKer & IDENTIFY  
Reclaim LOCATION & ROAD

10-19-82

DATE I hereby certify I visited the above well on this date.

Robert Stewart

DISTRICT WELL INSPECTOR

371



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

INSPECTOR'S WELL REPORT

Permit No. \_\_\_\_\_

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ Drilling commenced _____ Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer _____
	16			
	13			Size of _____
	10			Depth set _____
	8 1/4			
	6 5/8			Perf. top _____
	5 3/16			Perf. bottom _____
	3			Perf. top _____
	2			Perf. bottom _____
	Liners Used _____			Perf. top _____
				Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks:





State of West Virginia

Department of Mines  
Oil and Gas Division

Charleston 25305

DATE November 9, 1982

Mr. Robert Stewart  
P. O. Box 345  
Jane Lew, WV 26378

PERMIT NO.: 47-001-0736

COMPANY J & J Enterprises, Inc.

FARM: Stanley Stuart

WELL NO.: B-9

DISTRICT: Elk

COUNTY Barbour

Dear Sir:

Please make a FINAL INSPECTION within thirty (30) days of the well described above, or submit a STATUS REPORT - saying why this well can not be released at this time.

Very truly yours,

*Sarah Sheer*





State of West Virginia  
 Department of Mines  
 Oil and Gas Division  
 Charleston 25305  
 June 27, 1985

Theodore M. Streit  
 Administrator

Barton B. Lay Jr.  
 Director

J & J Enterprises, Inc.  
 P. O. Box 48  
 Buckhannon, West Virginia 26301

In Re: PERMIT NO: 47-001-0736-P (10-18-82)  
 FARM Stanley Stuart  
 WELL NO: B-9  
 DISTRICT: Elk  
 COUNTY: Barbour  
 ISSUED: 10-12-82

Gentlemen;

The FINAL INSPECTION REPORT for the above captined well has been received in this office. Only the column checked below applies:

       The well designated by the above permit number has been released under your Blanket Bond.

       Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

XXXX Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above captined well will remain under bond coverage for life of the well.

Very truly yours,

Theodore M. Streit, Administrator  
 Office of Oil & Gas--Dept. Mines



C-12

RECEIVED  
JUN 19 1985  
OIL & GAS DIVISION  
DEPT. OF MINES

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
FINAL INSPECTION REQUEST  
INSPECTOR'S COMPLIANCE REPORT

Permit No. 001-0736-P

County Barbour

Company J & J Enterprises, Inc.

District Elk

Inspector PHILLIP TRACY

Farm Stanley Stuart

Date October 6, 1983

Well No. B-9 Issued 10-12-82

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification prior to starting work	<u>✓</u>	_____
25.04	Prepared before drilling to prevent waste	<u>✓</u>	_____
25.03	High-pressure drilling	<u>✓</u>	_____
16.01	Required permits at wellsite	<u>✓</u>	_____
15.03	Adequate fresh water casing	<u>✓</u>	_____
15.02	Adequate coal casing	<u>✓</u>	_____
15.01	Adequate production casing	<u>✓</u>	_____
15.04	Adequate cement strength	<u>✓</u>	_____
23.02	Maintained access roads	<u>✓</u>	_____
23.01	Necessary equipment to prevent waste	<u>✓</u>	_____
23.03	Reclaimed drilling site	<u>✓</u>	_____
23.04	Reclaimed drilling pits	<u>✓</u>	_____
23.05	No surface or underground pollution	<u>✓</u>	_____
7.05	Identification markings	<u>✓</u>	_____

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I have inspected the above well and have found it to be in-compliance with the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia, and the well can be released from the permitted work.

SIGNED: David M. Elli

DATE: 6-12-85









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

RECEIVED

APR 8 1976

OIL & GAS DIVISION  
DEPT. OF MINES

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

Quadrangle Philippi

Permit No. BAR 736

BERRY ENERGY CONSULTANTS & MANAGERS, INC.

Company Consolidated Gas Supply Corp.  
Address Clarksburg, W. Va. 26301  
Farm Stanley Stuart Acres 200  
Location (waters) Elk Creek  
Well No. B-9 Elev. 1276  
District Elk County Barbour  
The surface of tract is owned in fee by Stanley Stuart

Address \_\_\_\_\_  
Mineral rights are owned by Same

Address \_\_\_\_\_  
Drilling Commenced 1/5/76  
Drilling Completed 1/11/76  
Initial open flow 24,000 cu. ft. \_\_\_\_\_ bbls.  
Final production 582,000 cu. ft. per day \_\_\_\_\_ bbls.  
Well open 7 hrs. before test 1206# RP.

Well treatment details:  
Waterfrac 441 Bbl 23,000 20/40

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. <u>1 1/4</u>	20	20	
9 5/8			
8 5/8	1966	1966	460 sks
7			
5 1/2			
4 1/2	4255	4255	240 sks
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at 200-202 Feet \_\_\_\_\_ Inches  
Fresh water 130 Feet 1210 Salt Water 1930 Feet  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	5		50' 1" Stream
Sand and Shale			5	30		
Sand			30	60		
Red Rock			60	70		
Sand and shale			70	120		
Red Rock			120	145		
Sand and shale			145	180		
Red Rock			180	200		
Coal			200	202		
Sand and shale			202	275		
Red Rock			275	290		
Sand and shale			290	350		
Red Rock			350	390		
Sand and shale			390	598		
Coal			598	600		
Sand and shale			600	740		
Sand white			740	835		
Sand and shale			835	850		
Sand white			850	970		
Sand and shale			970	1160		
Sand			1160	1300		
Red Rock			1300	1380		
Sand and shale			1380	1665		

(over)

\* Indicates Electric Log tops in the remarks section.



Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Red Rock and shale			1465	1520		
Little Lime			1520	1540		
Sand and shale			1540	1577		
B. Lime			1577	1660		
Big Injun			1660	1771		
Sand and shale			1771	1936		
Gantz			1936	1957		
Sand and shale			1957	2020		
50 ft Sand			2020	2070		
Sand and shale			2070	2390		
4th Sand			2390	2410	Gas 2655	No show
Sand and shale			2410	3635		
Balltown			3635	3680	Gas 3184	No show
Sand and shale			3680	4000	Gas 4114	No show
Brown sand			4000	4015	Gas 4300	10/10 1" FM Water
Sand and shale			4015	4383	Gas 4426	8/10 1" FM Water
Benson sand			4383	4420		
Sand and shale			4420	4518	Gas 4518	3/10 1" FMW

\* Benson 4462-4470

\* Riley 4115-4122  
4048-4051  
4023-4027

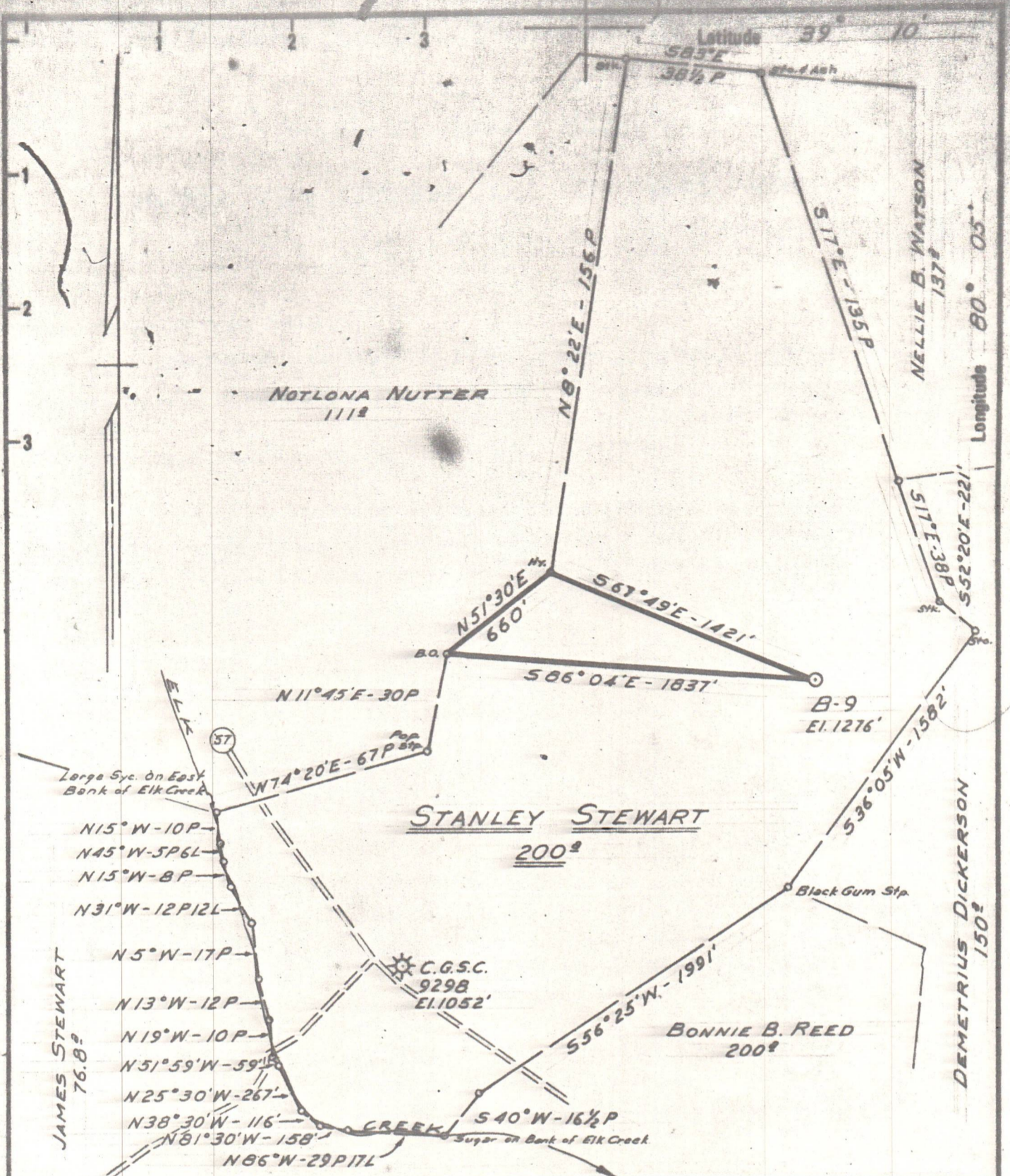
Date April 5, 1976

APPROVED W. B. Berry *W. B. Berry* Owner

By \_\_\_\_\_ President

(Title)





New Location    
 Drill Deeper    
 Abandonment

Minimum Error of Closure ONE PART IN 200   
 Source of Elevation C.G.S.C. WELL 9298 EL. 1052'

"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."

**BERRY ENERGY CONSULTANTS & MANAGERS INC.**  
 Company  
 Address PROFESSIONAL BLDG SUITE 309  
CLARKSBURG, W.VA. 26301

Farm STANLEY STEWART

Tract \_\_\_\_\_ Acres 200 Lease No. 55283

Well (Farm) No. 2 Serial No. B-9

Elevation (Spirit Level) 1276'

Quadrangle PHILIPPI N.W. 4<sup>2</sup>

County BARBOUR District ELK

Engineer Daniel L. Wheeler

Engineer's Registration No. 530 L.L.S.

File No. F.O. 2 Drawing No. \_\_\_\_\_

Date 10-14-75 Scale 1" = 40 POLES

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

**WELL LOCATION MAP**  
 FILE NO. BAR-736 - P

+ 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,

**47-001**

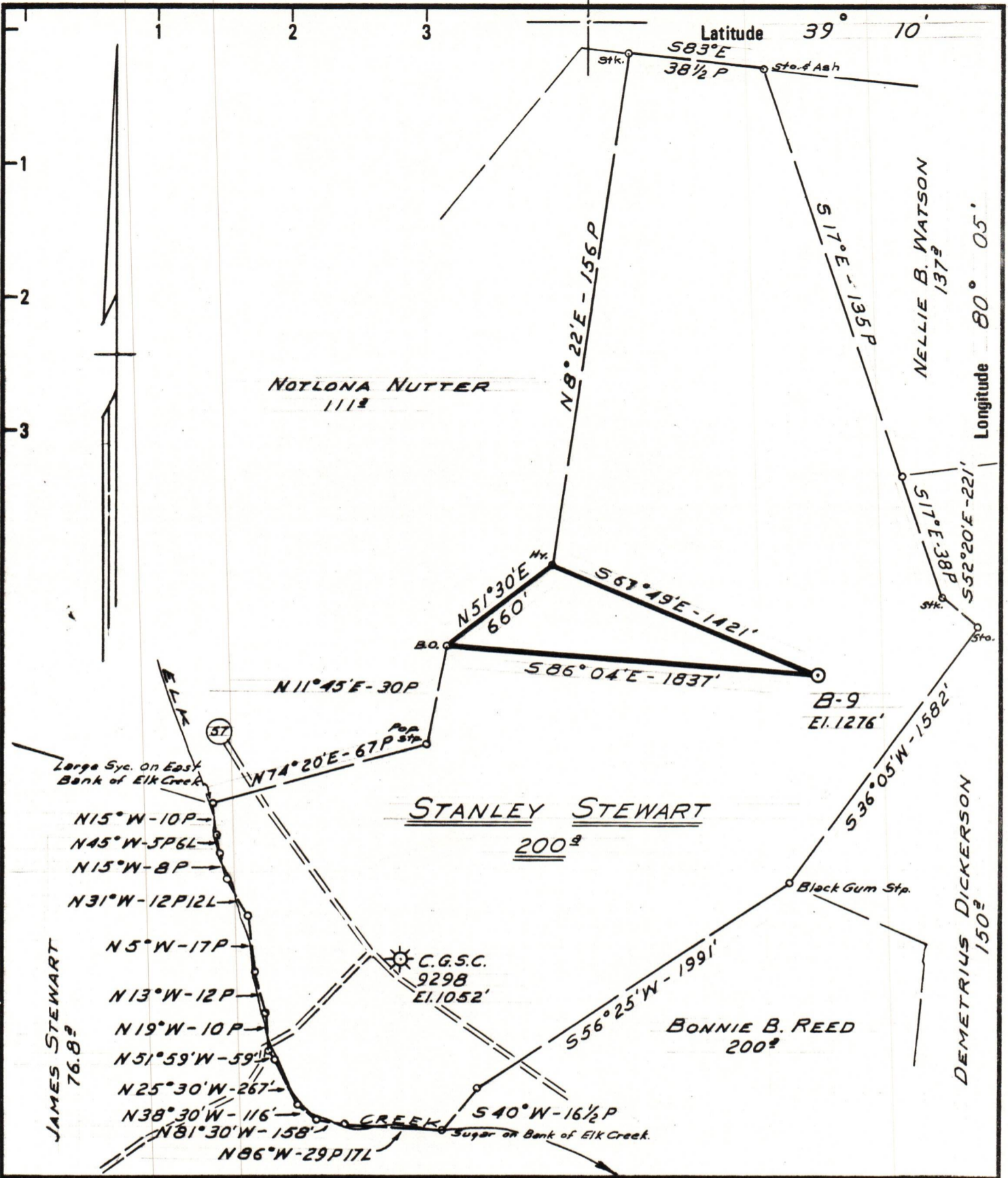
4380 Benson







10,22,75 R



New Location  Drill Deeper  Abandonment  10/12

Minimum Error of Closure ONE PART IN 200  
 Source of Elevation C.G.S.C. WELL 9298 EL. 1052'

"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."

**BERRY ENERGY CONSULTANTS & MANAGERS INC.**  
 Company  
 Address PROFESSIONAL BLDG. SUITE 309 CLARKSBURG, W. VA. 26301

Farm STANLEY STEWART

Tract \_\_\_\_\_ Acres 200 Lease No. 55283

Well (Farm) No. 2 Serial No. B-9

Elevation (Spirit Level) 1276'

Quadrangle PHILIPPI N.W 4<sup>2</sup>

County BARBOUR District ELK

Engineer Daniel L. Wheeler

Engineer's Registration No. 530 L.L.S.

File No. F.O. 2 Drawing No. \_\_\_\_\_

Date 10-14-75 Scale 1" = 40 POLES

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

**WELL LOCATION MAP**  
 FILE NO. BAR-736-P

+ 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.

**47-001**