

New Location  
 Drill Deeper  
 Abandonment  
 Partial Plan - 2-11-76

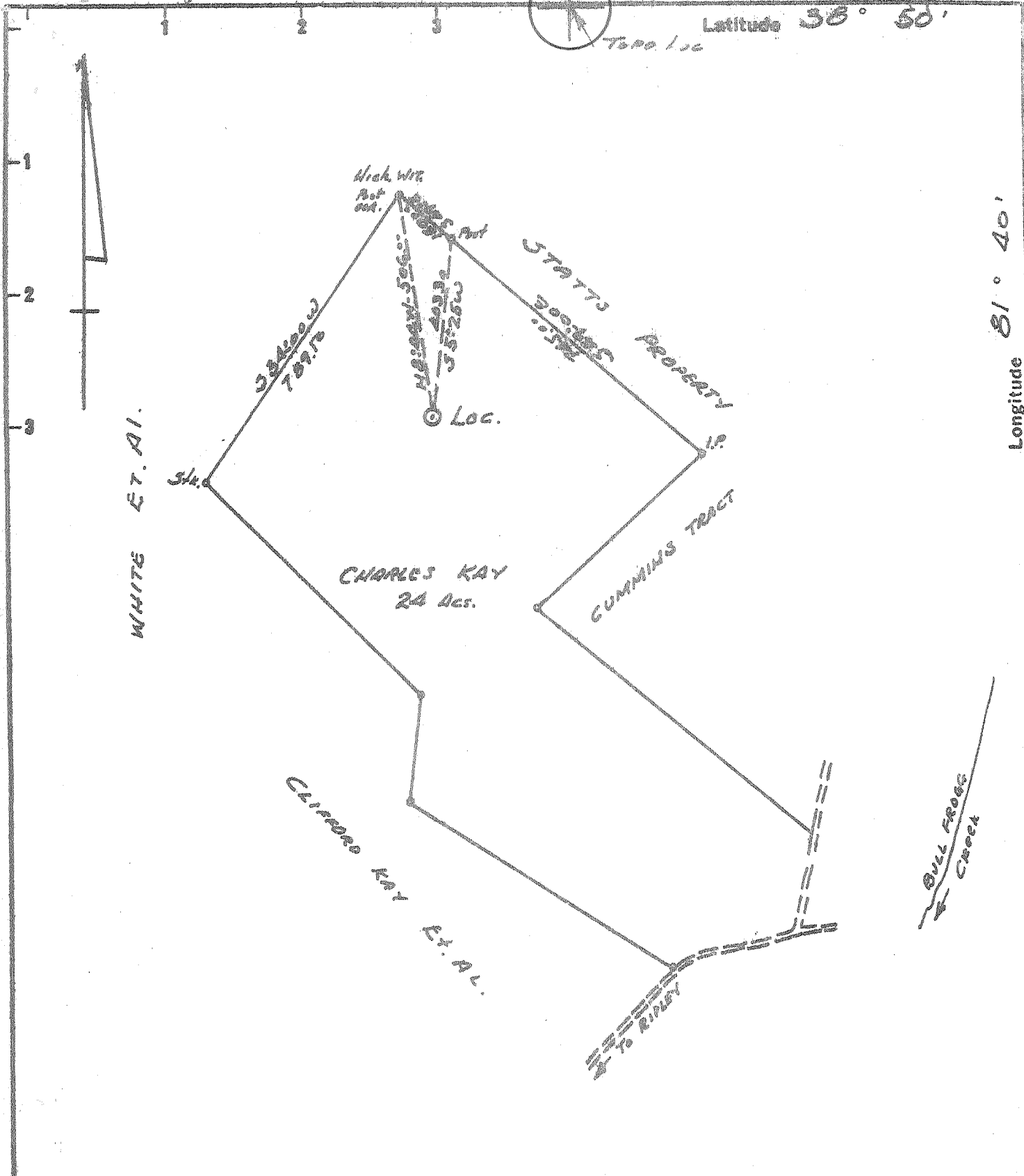
Minimum Error of Closure 1 in 200  
 Source of Elevation Elev. 712.05 Well No. 1 Vera Crum Et. Al. (JAC-1209)  
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company R & S Gas & Oil Company  
 Address Box 18A - Spencer, WVa. 25276  
 Surface: Brownie Beagle  
 Farm CHARLES KAY  
 Tract \_\_\_\_\_ Acres 24 Ac. Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 776.0  
 Quadrangle RIPLEY 15 1/2 7 1/2  
 County JACKSON District RIPLEY  
 Engineer N. L. Sefton  
 Engineer's Registration No. 1832  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date AUG. 15 1970 Scale 1" = 300'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO. Jac-1230-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.



Latitude 38° 50'



Longitude 81° 40'

Minimum Error of Closure 1 in 200  
 Source of Elevation Elev. 712.95 Well No. 1 Vero Cove Et. Al. (Jac-1209)  
 "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."

New Location  
 Drill Deeper  
 Abandonment  
**Partial Plug - 8-11-70**

Company R. & S. GAS CO.  
 Address Commerce Square, Crt  
 Farm CHARLES KAY  
 Tract \_\_\_\_\_ Acres 24 Ac. Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 776.0  
 Quadrangle RIPLEY SW  
 County JACKSON District RIPLEY  
 Engineer H. L. Syton  
 Engineer's Registration No. 1832  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Apr 15 1970 Scale 1" = 300'

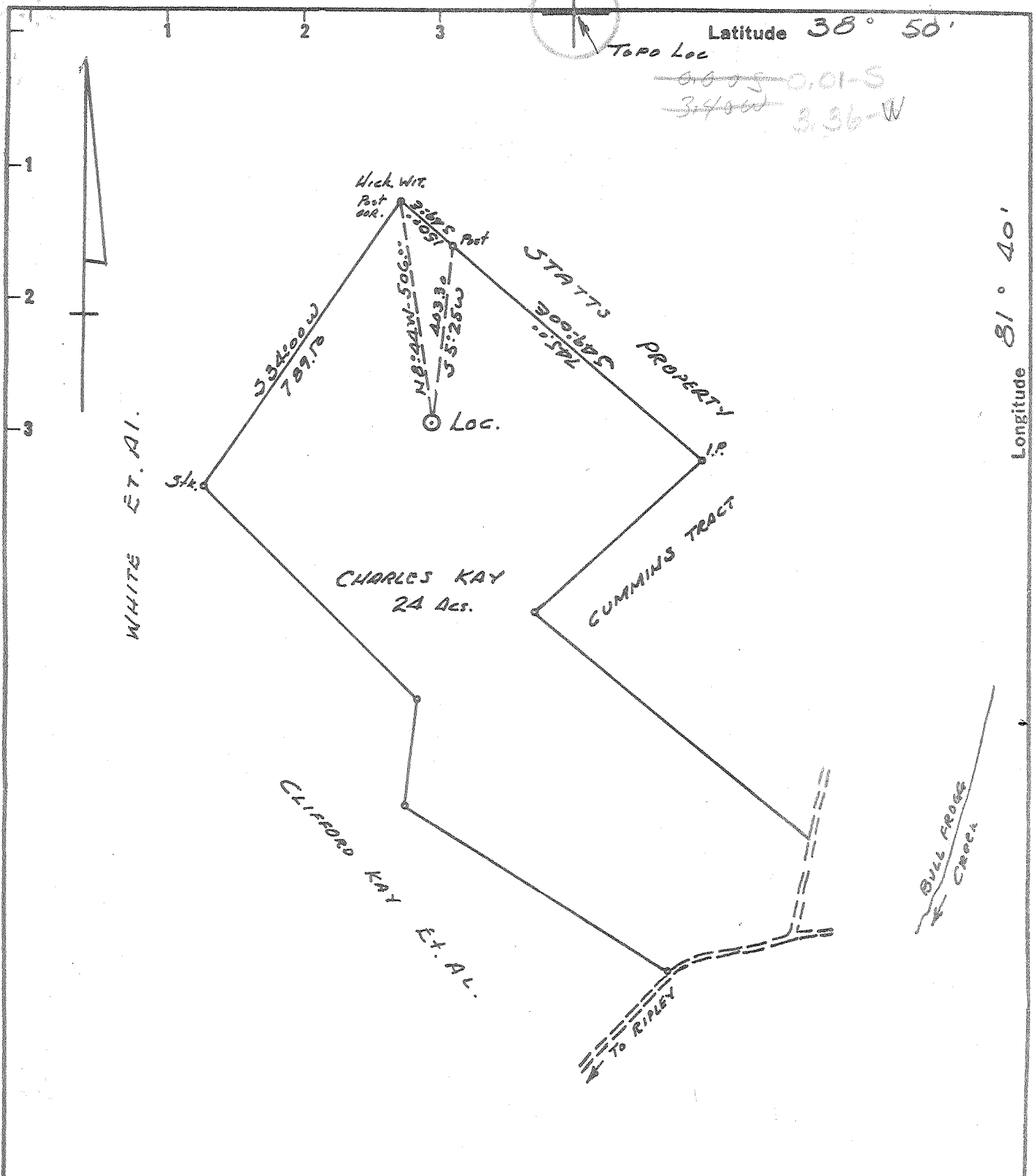
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. Jac-1230-PP

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Deep Well

FEB 28 1974



New Location   
 Drill Deeper   
 Abandonment

Minimum Error of Closure 1 in 200  
 Source of Elevation Elev. 712.05 Well No. 1 VERA CRUM Et. Al. (JAC-1209)  
 "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."

Company R. & J. GAS CO. OIL INC.  
 Address COMMERCE SQUARE, C.H.  
 Farm CHARLES KAY  
 Tract \_\_\_\_\_ Acres 24 Acs. Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 776.0  
 Quadrangle RIPLEY SW  
 County JACKSON District RIPLEY  
 Engineer N. G. SEXTON  
 Engineer's Registration No. 1832  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date AUG. 15 1970 Scale 1" = 300'

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

WELL LOCATION MAP  
 FILE NO. JAC-1230

+ 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.

6-6 Ripley 311

Deep Well (Newburg)

39-00  
7-2



RECEIVED

JAN 7 1971

OIL & GAS DIVISION  
DEPT. OF MINES

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 10

- Rotary
- Spudder
- Cable Tools
- Storage

Gas  
Both  
(KIND)

Quadrangle Ripley

Permit No. Jac - 1230

WELL RECORD

Company R & S Gas and Oil, Inc.  
 Address Commerce Square, Chas. W. Va.  
 Farm Charles Kay Acres 24  
 Location (waters) Mill Creek  
 Well No. 1 Cor. KB  
 District Ripley County Jackson  
 Elevation 807  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced 9-2-70  
 Drilling completed 9-14-70  
 Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow 10ths Water in \_\_\_\_\_ Inch  
10ths Merc. in \_\_\_\_\_ Inch  
 Volume Est. 8-10 MMcf Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 WELL ACIDIZED (DETAILS) 9-21-70 750 Gals HCl  
 WELL FRACTURED (DETAILS) 10-30-70 500 gals MA, 684 bbls. 20,000 20/40, J111, J84  
f-52, Freflo, KCl - Dowell  
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) Est. 10 MM + 100 bbl. oil  
 ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS 10,000,000 - 100,000  
 Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
 Producing Sand Newburg Depth \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	65'	65'	
10			Size of
8 1/2	2155'	2155'	
6 1/2	5608'	5608'	Depth set
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.  
 CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
 Amount of cement used (bags) \_\_\_\_\_  
 Name of Service Co. \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
10,000 MCF GPD +  
100 BBL  
10,000,000 - 100,000

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sandy lime & shale		fresh water	0	966'			
Salt sand			1105	1315'			
Sand			1315'	1353'			
Salt Sand			1353'	1710'			
Lime			1710'	1730'			
Maxton			1730'	1820'			
Big Lime			1820'	1960'			7630
Shale			1960'	1988'			707
Injun			1988'	2128'			867
Shale & Siltstone			2128'	2426'			2450
Coffee Shale			2426'	2450'			807
Berea			2450'	2460'			1643
Shale			2460	4796			
Ironiferous			4796	4888			
Triskany			4888	4920			
Lime - Helderberg			4920	5126			
Colomite - SALINA			5126	5638			
Newburg			5638	5650	Gas est. 8-10 MM		
				(over)			

Formation	Color	Hard or Soft	Top 10	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime & Shale	Mc Kenzie		5650'				
TOTAL DEPTH		3665'	545				
		13"	Hali	42 sks	65	9-2-70	
		9 5/8"	Dow	600 sks	2155	9-7-70	
		7"	Dow	150 sks	5608	9-13-70	
		Acid	Dow	750 gals	Sup. X	(28%) 9-21-70	

Date 12-29- 1970

APPROVED [Signature], Owner

By [Signature] (Title)

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Division, 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 at their respective addresses.

None	R. & S. Gas & Oil
Coal Operator or Owner	Name of Well Operator
Address	Box 18-A, Spencer, WV 25276
	Complete Address
Coal Operator or Owner	August 20, 19 86
Address	WELL AND LOCATION
	Ripley District
Lease or Property Owner	Jackson County
Address	WELL NO. 1

STATE INSPECTOR SUPERVISING PLUGGING Charles Kay Farm  
*Jerry M. Tephlock*  
AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Gilmer ss:  
Milford Yoak and Ronald Osborne  
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 Bet-Ro, Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 15th day of August, 19 86, and that the well was plugged and filled in the following manner:

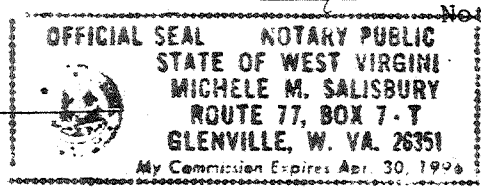
Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
2460 to 2360	Cement		0	65'
2360 to 2200	6% Gel		0	2155
2200 to 2100	Cement		0	?
2100 to 800	6% Gel			
800 to 650	Cement			
650 to 150	6% Gel			
150 to 0	Cement			
Coal Seams				
(Name)		Description of Monument		
(Name)		7" pipe 36" above ground level		
(Name)				
(Name)				

13"  
9-5/8"  
7"

and that the work of plugging and filling said well was completed on the 18th day of August, 19 86.  
And further deponents saith not.

Sworn to and subscribed before me this 20th day of August, 19 86.  
Milford Yoak  
Ronald Osborne  
Michele M. Salisbury  
Notary Public

My commission expires:  
April 30, 1996



Permit No. 47-035-1230-P  
SEP 22 1986