



New Location  
 Drill Deeper  
 Abandonment  
 issued 9/5/73

Minimum Error of Closure 1 IN 200  
 Source of Elevation U.S.G.S. BM ELEV. 713' AT ROCKCASTLE  
 "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, INC.  
 Address 510 Commerce Sq. CHARLESTON, W. Va.  
 Farm CLYDE BARNETT  
 Tract \_\_\_\_\_ Acres 65 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 828.0  
 Quadrangle WINFIELD N.E.  
 County JACKSON District RIPLEY  
 Engineer N. L. Sexton  
 Engineer's Registration No. 1892  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 4-19-73 Scale 1" = 500'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO. Jac-1361-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.

DEEP WELL

SEP 17 1973





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD** 12

38-45  
3-33  
(10)

Quadrangle Winfield

Permit No. Jac - 1361

Rotary  Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ Dry G. Salt  
(Kand)

Company <u>R &amp; S Gas &amp; Oil, Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>510 Commerce Square, Charleston, W. Va.</u>				
Farm <u>Clyde Barnett</u> Acres <u>65</u>				
Location (waters) <u>Thirteen Mile Ck.</u>				
Well No. <u>1</u> Elev. <u>est. KB 840</u>	Size 20-16			
District <u>Ripley</u> County <u>Jackson</u>	Cond. 13-10"	32	32	
The surface of tract is owned in fee by <u>same</u>	9 5/8			
Address <u>Rockcastle, W. Va.</u>	8 5/8	2587	2497	100 sks.
Mineral rights are owned by _____	7			
Address _____	5 1/2	5538	1538	100 sks.
Drilling Commenced <u>7-23-73</u>	4 1/2			
Drilling Completed <u>8-29-73</u>	3			
Initial open flow <u>show</u> cu. ft. _____ bbls.	2			
Final production _____ cu. ft. per day _____ bbls.	Liners Used			
Well open _____ hrs. before test _____ RP.				

Attach copy of cementing record.

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet  
~~Productive~~ Sand below Newburg Depth 5674 - 5683

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			0	185		
Shale & Sand			185	440		
Shale			440	548		
Shale & Sand			548	760		
Shale			760	909		
Sand & Shale			909	986		
Shale			986	1120		
Sand - <u>Big Drinkable?</u>			1120	1190		
Sand & Shale			1190	1435		
Sand			1435	1529		
Sand & Shale			1529	1585		
Sand - <u>Salt Sand?</u>			1585	1918		
Lime			1918	1960		
Sand			1960	1976		
Lime - <u>Biglime?</u>			1976	2026		
Shale			2026	2166		

**RECEIVED**  
SEP 5 1973

OIL & GAS DIVISION  
DEPT. OF MINES

(over)

\* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet / ≥	Bottom Feet	Oil, Gas or Water	* Remarks
Sand - Injun <sup>?</sup>			2166	2233		
Shale			2233	2512		
✓ Coffee Shale			2512	2538		
✓ Berea			2538	2552		
Shale			2552	4853	Show Gas	
✓ Corniferous	Onondaga - 463		4853	4958		
✓ Oriskany			4958	4977	Slight Show Gas	
✓ Lime - Helberberg			4977	5171		
✓ Dolomite - Salina			5171	5654	H <sub>2</sub> S (est. 1MM) + Water	5330
Williamsport			5654	5691		
✓ Newburg Sand & Shale			5674	5683		
Dolomite & Shale	McKenzie		5691			
Total Depth				5733		
				545		

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

APPROVED \_\_\_\_\_, Owner

By \_\_\_\_\_ (Title)





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APR 24 1973

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES 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 4-24-73

Surface Owner Clyde Barnette

Company R & S Gas & Oil, Inc.

Address Rock Castle, W. Va.

Address 2702 Deseret Drive

Mineral Owner Clyde Barnette

Farm Barnette Acres 172

Address Rock Castle, W. Va.

Location (waters) 13 Mile Creek

Coal Owner ~~K&H~~ None

Well No. 1 Elevation 822' 828'

Address \_\_\_\_\_

District Ripley County Jackson

Coal Operator \_\_\_\_\_

Quadrangle Winfield N. E.

Address \_\_\_\_\_

INSPECTOR TO BE NOTIFIED Mr. Fred Barnette

Box 190 PH: 984-9263

Cicerone Rt.

Disonville, W. Va. 25185

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 8/26/73.

Fred L. Fodd  
Deputy Director - Oil & Gas Division

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 April 6 1973 by Clyde Barnette made to R & S Gas & Oil, Inc. and recorded on the 17 day of April 1973, in Jackson County, Book 123 Page \_\_\_\_\_

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.

Very truly yours,

(Sign Name) W.D. Stalmer  
Well Operator

Address of Well Operator

2702 Deseret Dr  
Street

Charleston W. Va.  
City or Town

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.

BOND DRILL

Jac-1361 PERMIT NUMBER  
47-035-1361

THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO \_\_\_\_\_ DRILL  DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME self - W. C. Stalnaker NAME W. C. Stalnaker  
 ADDRESS 2702 Deseret Drive ADDRESS 2702 Deseret Drive  
 TELEPHONE 344-1298 TELEPHONE 344-1298  
 ESTIMATED DEPTH OF COMPLETED WELL: 5600' ROTARY \_\_\_\_\_ CABLE TOOLS   
 PROPOSED GEOLOGICAL FORMATION: Newburg  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS  COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10 25'		25'	cement to surface
9 - 5/8			
8 - 5/8 2500'		2500'	cement to surface
7			
5 1/2 5575'		5575'	100 bags
4 1/2			
3			Perf. Top
2			Perf. Bottom
Lines			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 500' FEET SALT WATER 1600' 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