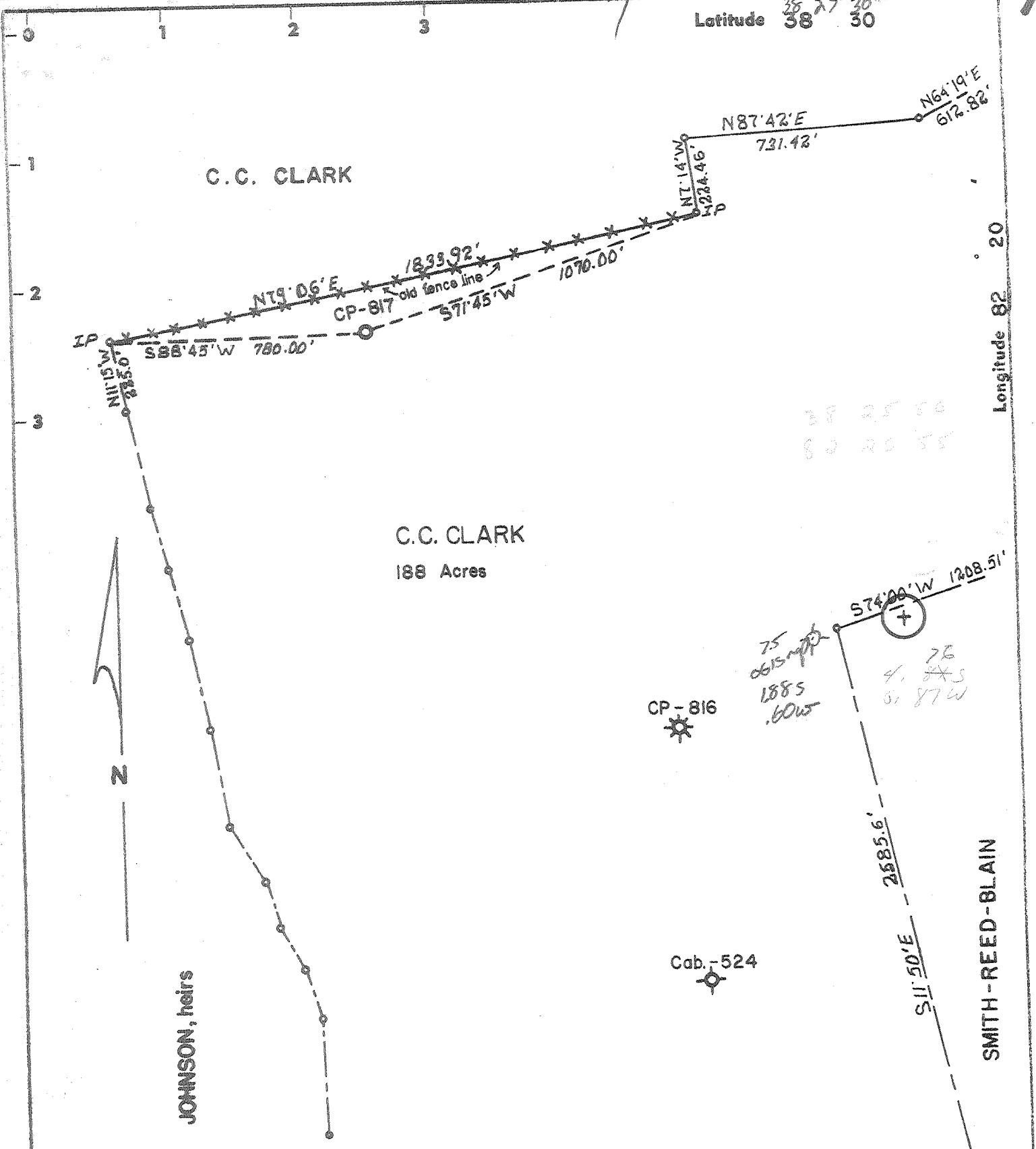


Latitude 38° 30'



C.C. CLARK
188 Acres

JOHNSON, heirs

SMITH-REED-BLAIN

CP-816

Cab.-524

Source of elevation well CP-816 629.0'

- New Location .
- Drill Deeper
- Redrill
- Abandonment

Minimum error of closure 1" in 200'

"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." jrg

Company	SOUTHEASTERN GAS COMPANY		
Address	1200 UNION BLDG.	CHAS., W. VA.	
Farm	C. C. CLARK, et al		
Tract	Acres 188	Lease No.	2625
Well (Farm) No.	4	Serial No.	CP-817
Elevation (Spirit Level)	879.00'		
Quadrangle	GUYANDOT	NC	
County	CABELL	District	GUYANDOT
Engineer	<i>[Signature]</i>		
Engineer's Registration No.	2602		
File No.	Drawing No.		
Date	8-14-73	Scale	1" = 400'

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

WELL LOCATION MAP
FILE NO. **CAB-546**

+ 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. **47 011**

ALLEN BLUEPRINT & SUPPLY CO.

6-6 Huntington (205)

AUG 29 1973



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NOV 2 1973

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD

38-30
④ 2-55

Quadrangle Guyandot
Permit No. CAB-546

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

Company <u>Southeastern Gas Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P. O. Box 2347, Chas., W. Va.</u>	Size			
Farm <u>C. C. Clark, et al</u> Acres <u>188</u>	20-16			
Location (waters) <u>Guyandot River</u>	Cond.			
Well No. <u>CP-817</u> Elev. <u>879'</u>	13-10" 10-3/4"	17'	17'	
District <u>Guyandotte</u> County <u>Cabell</u>	9 5/8			
The surface of tract is owned in fee by <u>C. C. Clark, et al</u>	5 7/8	601'	601'	Cement to surface
Address <u>5130 Guyan River Rd., Huntington, W. Va.</u>	7	1805'	1805'	
Mineral rights are owned by <u>Same</u>	5 1/2	2289'	2289'	
Address _____	4 1/2			
Drilling Commenced <u>8/22/73</u>	3			
Drilling Completed <u>10/18/73</u>	2			
Initial open flow <u>Show</u> cu. ft. _____ bbls.	Liners Used			
Final production <u>70,000</u> cu. ft. per day _____ bbls.				
Well open _____ hrs. before test <u>310#</u> RP.				

Well treatment details: Shot 2887' to 3200' with 2133# Oil Well Gelatin

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water 650', 890' Feet _____
Producing Sand Brown Shale Depth 2890', 3015'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface			0	10		
Red Rock			10	15		
Slate			15	55		
Red Rock			55	63		
Slate			63	100		
Red Rock			100	108		
Slate			108	260		
Sand			260	275		
Slate			275	330		
Red Rock			330	337		
Slate			337	495		
Sand			495	520		
Slate			520	580		
Sand			580	618		
Slate			618	633		
Sand			633	700	Salt Water 650'	
Slate			700	744		
Sand			744	795		
Slate			795	880		
Sand			880	995	Hole full water 890'	
Slate			995	1025		
Sand			1025	1050		
Slate			1050	1263		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet /	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			1263	1290		
Slate			1290	1370		
Sand			1370	1385		Hole full water 1373'
Slate			1385	1432		
Sand			1432	1465		
Slate			1465	1469		
Big Lime			1469	1630		
Injun Sand			1630	1675		
Slate			1675	1685		
Sand			1685	1765		
Slate & Shells			1765	2240		
Brown Shale			2240	2268		
Berea Sand			2268	2273		
Lime Shell			2273	2288		
Red Rock			2288	2318		
Slate			2318	2327		
Brown Shale			2327	2402		
Slate & Shells			2402	2890		
Brown Shale			2890	2970		
Slate & Shells			2970	3015		
Brown Shale			3015	3231		
Slate			3231	3330		
TOTAL DEPTH				3330		

ev.
rown
h.

Date October 31, 19 73

APPROVED SOUTHEASTERN GAS COMPANY Owner

By J.C. Liming (Title) Asst. Vice Pres.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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AUG 21 1973

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE August 15, 1973

Surface Owner _____

Company Southeastern Gas Company

Address _____

Address P. O. Box 2347, Charleston, W. Va.

Mineral Owner C. C. Clark, et al

Farm C. C. Clark, et al Acres 188

Address 5130 Guyan River Rd., Huntington,

Location (waters) Guyandot River

Coal Owner Same W. Va. 25702

Well No. 4-CP-817 Elevation 879'

Address _____

District Guyandotte County Cabell

Coal Operator _____

Quadrangle Guyandot

Address _____

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 12-21-73.

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Kenneth Butcher
Barboursville, W. Va. PH: 736-4885

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 October 17, 1972 by C. C. Clark, et al, made to Southeastern Gas Co. and recorded on the _____ day of _____ 19____, in _____ County, Book _____ 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.

SOUTHEASTERN GAS COMPANY

Very truly yours,

(Sign Name) By: [Signature]
Well Operator G. H. Hall, V.P.

Address
of
Well Operator

P. O. Box 2347
Street
Charleston
City or Town
West Virginia 25328
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.

BLANKET BOND

