

Jamie 8/14/89

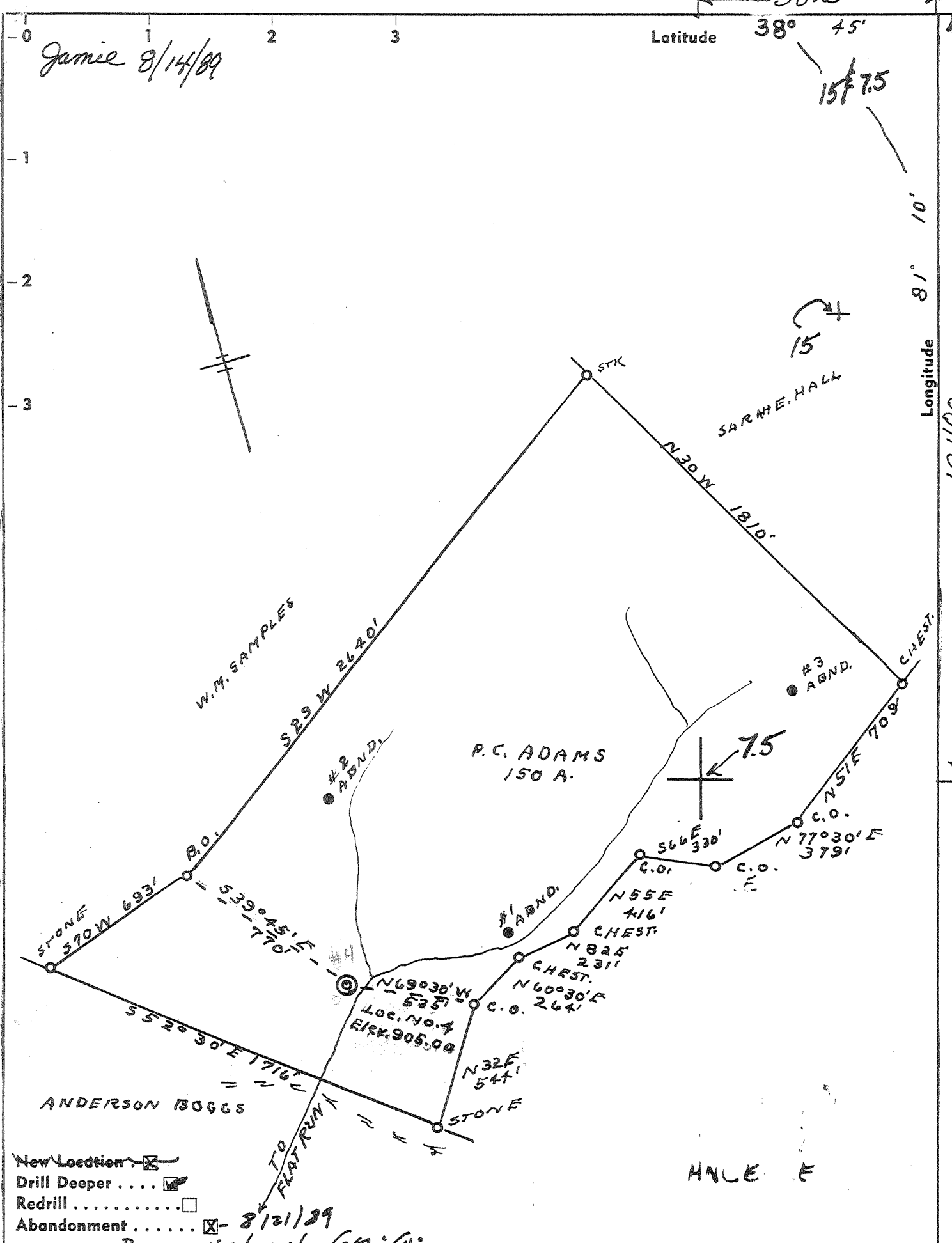
3820

Latitude 38° 45'

15±7.5

Longitude 81° 10'

12480



New Location   
 Drill Deeper   
 Redrill   
 Abandonment  - 8/21/89

Company Boggs Natural Gas Co.  
HARRY C. BOGGS  
 Address SPENCER, W. VA.  
 Farm P. C. ADAMS (Greg Miller)  
 Tract Acres 150 Lease No. \_\_\_\_\_  
 Well (Farm) No. 4 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 905.00  
 Quadrangle OTTER 15/TARIFF 7.5  
 County ROANE District SMITHFIELD  
 Engineer L. F. Dye  
 Engineer's Registration No. 804  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 10-1-62 Scale 1" = 500'

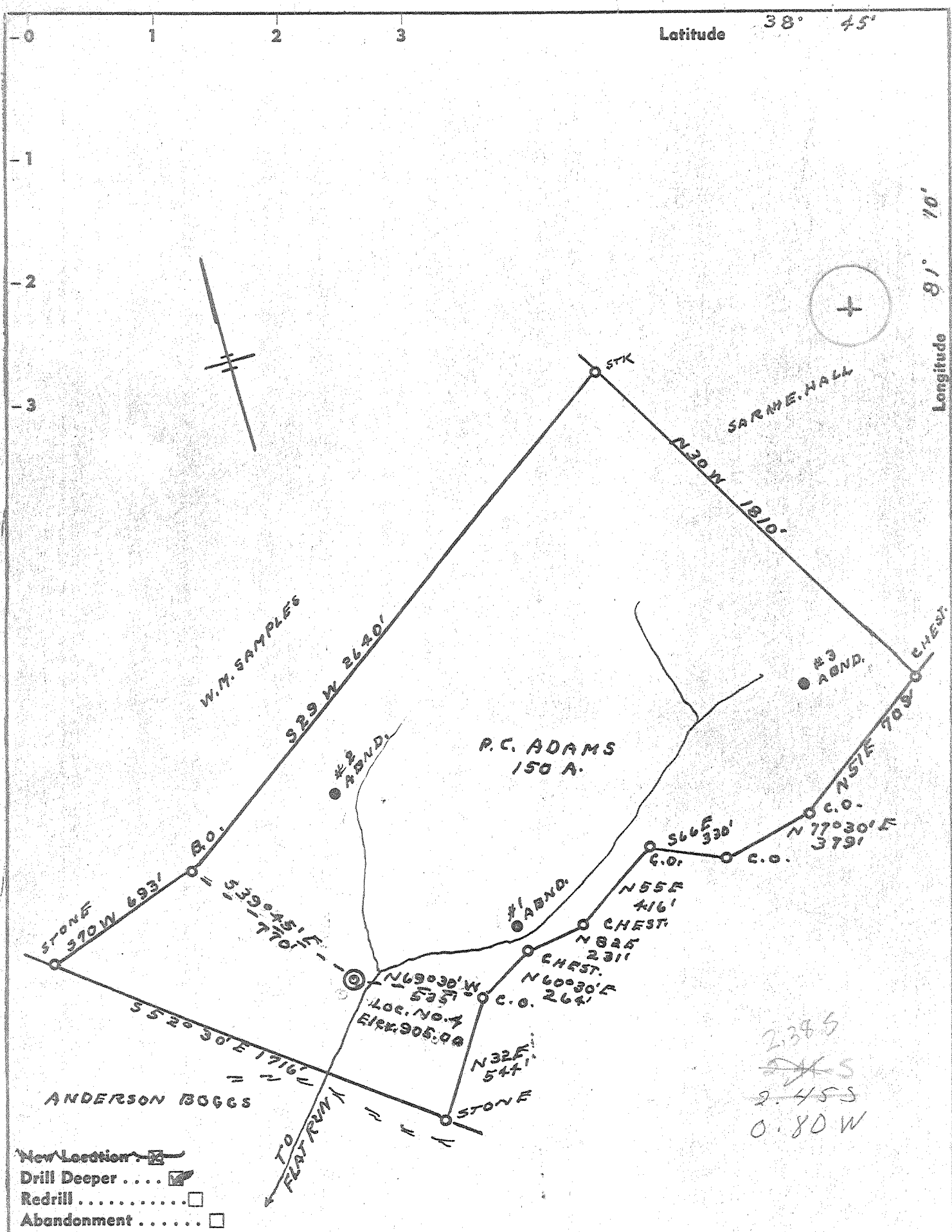
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 FILE NO. ROA-922-DD-P  
47-

+ 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. AUG 25 1989

— Denotes one inch spaces on border line of original tracing.

DEEP WELL



2385  
~~2455~~  
 2455  
 0.80 W

- New Location
- Drill Deeper
- Redrill
- Abandonment

Company HARRY C. BOGGS  
 Address SPENCER, W. VA.  
 Farm P. C. ADAMS  
 Tract \_\_\_\_\_ Acres 150 Lease No. \_\_\_\_\_  
 Well (Farm) No. 4 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 905.00  
 Quadrangle OTTER NW  
 County ROANE District SMITHFIELD  
 Engineer L. J. Dye  
 Engineer's Registration No. 804  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 10-1-62 Scale 1" = 500'

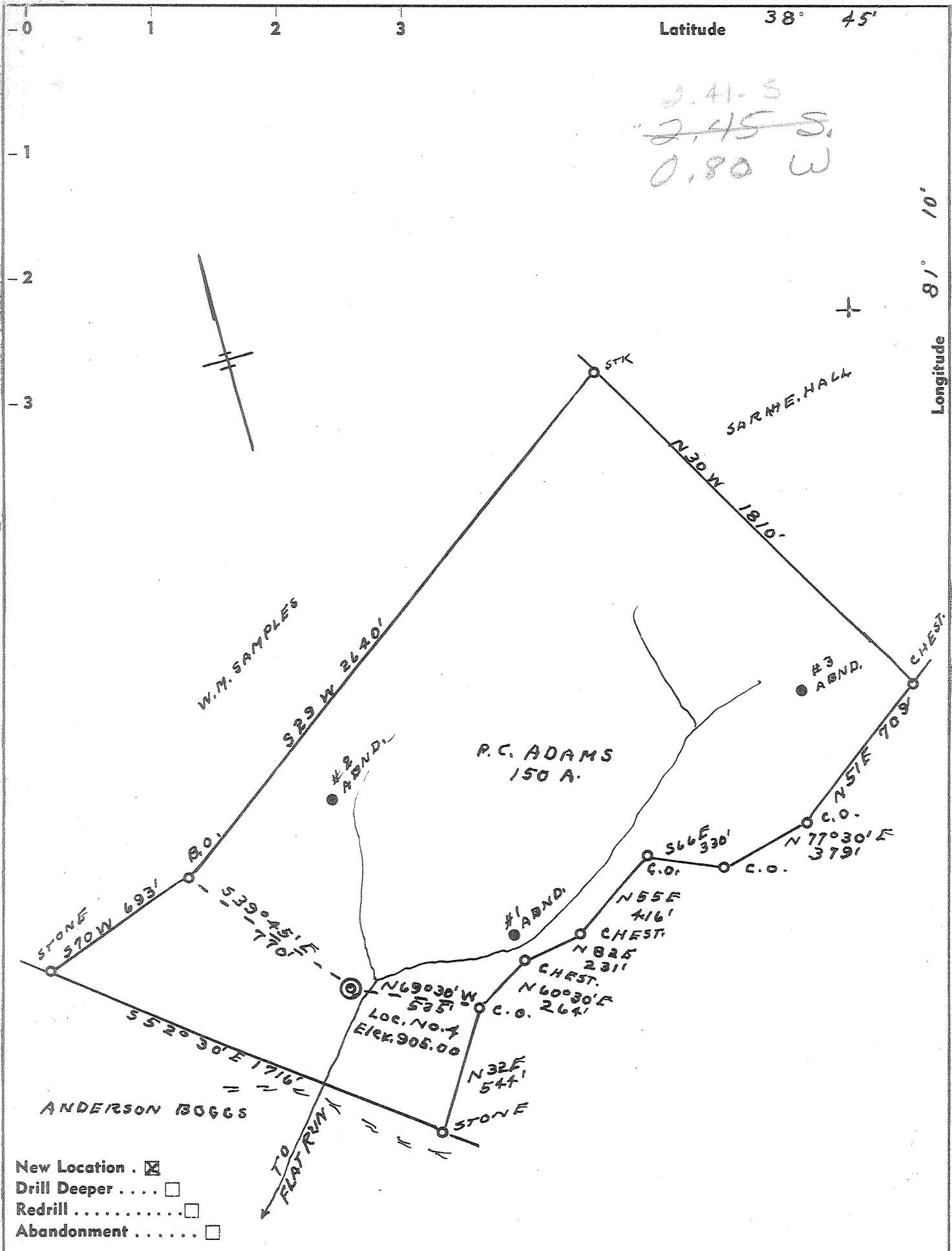
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. ROA-922-DD

+ 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.

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Deep Well (Oriskany) JUL 15 1969



- New Location .
- Drill Deeper . . . .
- Redrill . . . . .
- Abandonment . . . . .

Company HARRY C. BOGGS

Address SPENCER, W. VA.

Farm P. C. ADAMS

Tract \_\_\_\_\_ Acres 150 Lease No. \_\_\_\_\_

Well (Farm) No. 4 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 905.00

Quadrangle OTTER NW

County ROANE District SMITHFIELD

Engineer G. F. Dye

Engineer's Registration No. 804

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date 10-1-62 Scale 1" = 500'

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

**WELL LOCATION MAP**  
FILE NO. ROA-922

+ 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.

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ALLEN BLUEPRINT & SUPPLY CO. 1900-2100  
Samples 2370-2440 C-6 0



Amended report

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

- Rotary
Spudder
Cable Tools
Storage

Quadrangle OTTER
Permit No. ROA 922

WELL RECORD

Oil or Gas Well Oil & Gas (KIND)

Company Harry C. Boggs
Address P.O. Box 25, Spencer, West Virginia
Farm P. C. Adams Acres 150
Location (waters) Flat Run
Well No. 4 Elev. 905
District Smithfield County Roane
The surface of tract is owned in fee by
Address
Mineral rights are owned by P.C. Adams etal
Address Spencer, West.Va.
Drilling commenced February 7, 1963
Drilling completed March 16, 1963
Date Shot From To
With
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure 350 lbs lbs. hrs.
Oil bbls., 1st 24 hrs.
WELL ACIDIZED
WELL FRACTURED well fractured

Table with columns: Casing and Tubing, Used in Drilling, Left in Well, Packers. Rows include tubing sizes (16, 13, 10, 8 1/4, 6 5/8, 5 3/16, 3, 2) and packer information (Kind of Packer, Size of, Depth set, Perf. top/bottom).

CASING CEMENTED SIZE No. Ft. Date
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT
ROCK PRESSURE AFTER TREATMENT 100 MCF 5 barrel oil
Fresh Water Feet Salt Water Feet

Table with columns: Formation, Color, Hard or Soft, Top, Bottom, Oil, Gas or Water, Depth, Remarks. Lists geological layers from Top Soil to Little Lime with depths and water encounters.

(over)



Formation	Color	Hard or Soft	Top //	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate - P. Cave			1880	1895			
Big Lime			1895	1995			
Kenner Sand			1995	2010			
Injun Sand - 375			2010	2045			
Slate & Shells			2045	2366			
Brown Shale			2366	2380			
Brea Sand			2380	2415			
Slate			2415	2451			
				410			

March 18, 1963

Date (amended rep. Aug. 9, 1963), 19 63

APPROVED Harry C. Boggs, Owner

By Pam J. [Signature]  
(Title) Agent



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

38945  
1-35  
Offer  
ROA-922-DD

WELL RECORD

Oil or Gas Well GAS (KIND)

Company Harry C. Boggs  
 Address Box 198 Spencer, W. Va. 25276  
P. C. Adams Acres 150  
 Location (waters) Flat Run  
 Well No. 4 Elev. 905  
 District Smithfield County Roune  
 The surface of tract is owned in fee by Romie Norman  
 Address Spencer, W. Va.  
 Mineral rights are owned by P. C. Adams  
 Address Spencer, W. Va.  
 Drilling commenced August 12, 1969  
 Drilling completed August 17, 1969  
 Date Shot 11/1/69 From 3850 To 2400  
 With 9,350lb. trojan powder & 1600lb gelatin  
 Open Flow 10 /10ths Water in 2 Inch  
10 /10ths Merc. in 2 Inch  
 Volume 500,000 Cu. Ft.  
 Rock Pressure 465 lbs. 24 hrs.  
NONE bbls., 1st 24 hrs.  
 WELL ACIDIZED (DETAILS)  
 WELL FRACTURED (DETAILS)

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			
8 1/4			Depth set
6 3/4	2180	2180	
5 3/16			Perf. top
4 1/2			Perf. bottom
3			Perf. top
2			Perf. bottom
Liners Used			

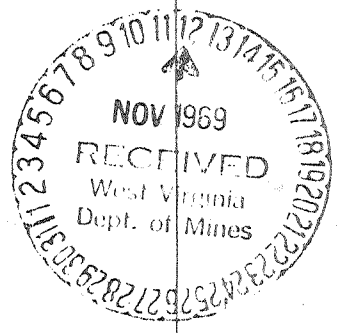
Attach copy of cementing record.  
 CASING CEMENTED 7 SIZE 2180 No. Ft. 8/7/69 Date  
 Amount of cement used (bags) 50 & 12 bags Jell  
 Name of Service Co. Dowell  
 COAL WAS ENCOUNTERED AT NONE FEET INCHES  
 FEET INCHES FEET INCHES  
 FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 500 MCFBPD  
 ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS  
 Fresh Water \_\_\_\_\_ Feet Salt Water Hole full Feet 5993  
 Producing Sand Brown Shale Depth 2400-5800

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
ate	White		2451	2456			
ndy Shale	Grey		2456	2510			
ale			2510	2610			
ndy Shale			2610	2622	Show Gas	2615	
ale (gritty)	White		2622	2735			
ale	Brown		2735	5840			
ate <u>Talipine</u>	White		5840	5850		5958	5882
ale <u>Malsella</u>	Black		5850	5882		905	905
me <u>Onnaga</u>			5882	5958		5053	4977
nd <u>Oriskany</u>			5958	5993			
tal Depth				5993			
Well Plugged from 5993 to 5690 with cement							
Well from 5690 to 4200							
Cement from 4200 to 4170							
in. Drill Pipe left in hole from 5690 to 4170							

U.D. 2435  
 H ~ 3513  
 J ~ 4591  
 A ~ 4805  
 A ~

475



5993  
 2451  
 3542 DD Soatage

NOV 24 1969

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVITE SHOULD BE 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.

Farm name: MILLER, GREG Operator Well No.: P.C. ADAMS #4

LOCATION: Elevation: 905.00 Quadrangle: TARIFF  
District: SMITHFIELD County: ROANE  
Latitude: 12480 Feet South of 38 Deg. 45 Min. 0 Sec.  
Longitude 3820 Feet West of 81 Deg. 10 Min. 0 Sec.

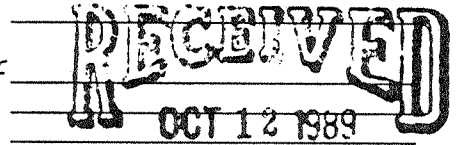
Well Type: OIL \_\_\_\_\_ GAS<sup>xxx</sup> \_\_\_\_\_

Company: Boggs Natural Gas  
P.O. 148  
Spencer, WV 25276

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

Agent: Harry C. Boggs  
Inspector: Homer Dougherty  
Permit Issued: 08/21/89

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



AFFIDAVIT

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

STATE OF WEST VIRGINIA,  
County of Roane ss:

Jack Mace and Michael W. Metheney 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 Boggs Natural Gas, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August, 1989, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement plug	2521	2421		
Gel	2421	720		
cut 7"			720'	1460'
Cement plug	720	500		
Gel	500	200		
Cement Plug	200	0		
Total cement 275 sacks		Inspector Homer Dougherty was present		

Description of monument: 7" pipe cemented 40" tall. Plate on top.

and that the work of plugging and filling said well was completed on the 2nd day of August, 1989.

And further deponents saith not.

Sworn and subscribe before me this 5th day of October, 1989  
My commission expires: July 13, 1992

*Jack Mace*  
*Michael W. Metheney*  
*Gerreda D. Lizards*  
Notary Public

OCT 13 1989