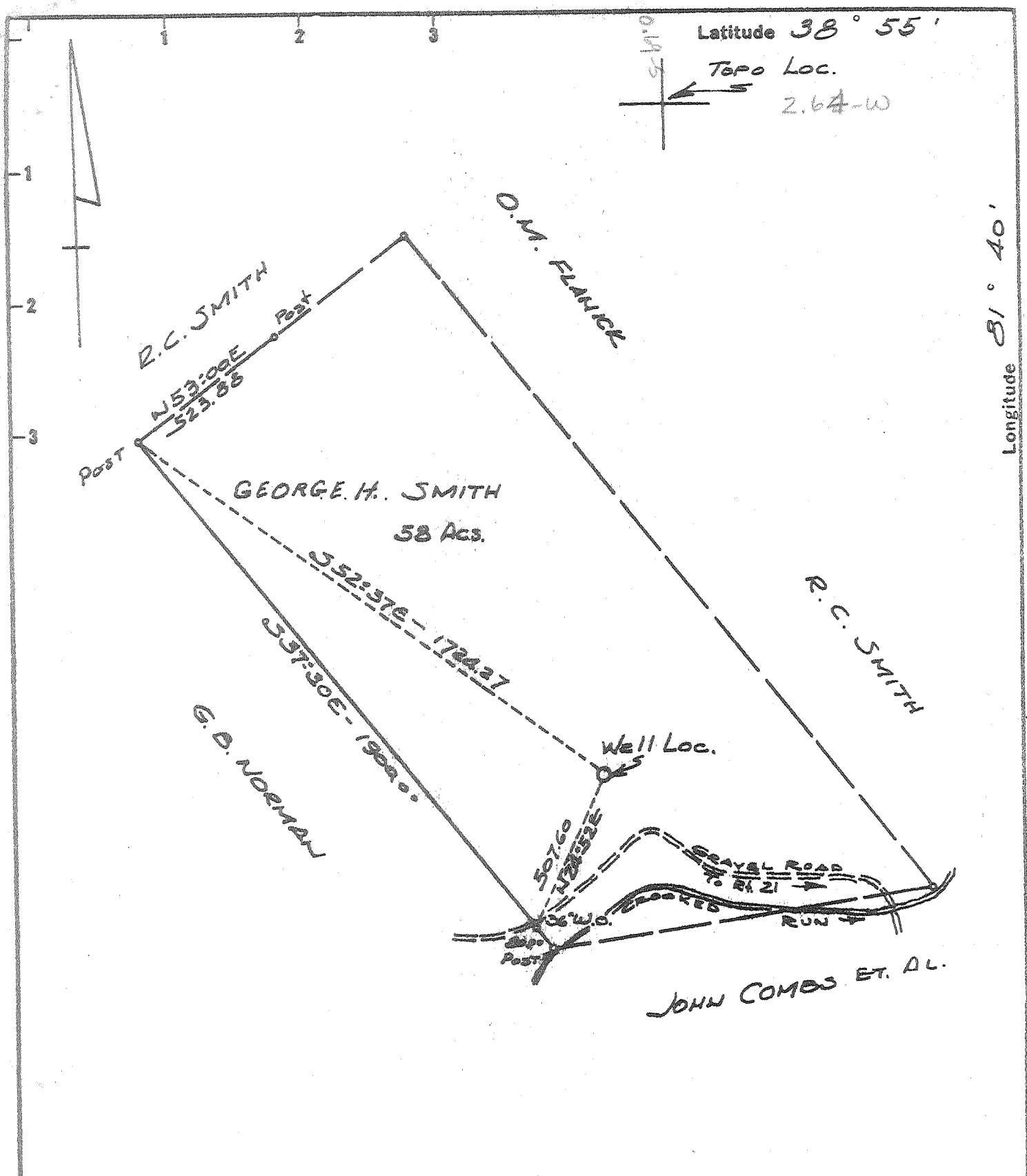


4/20/73



Issue 3/23/73
 New Location
 Drill Deeper
 Abandonment

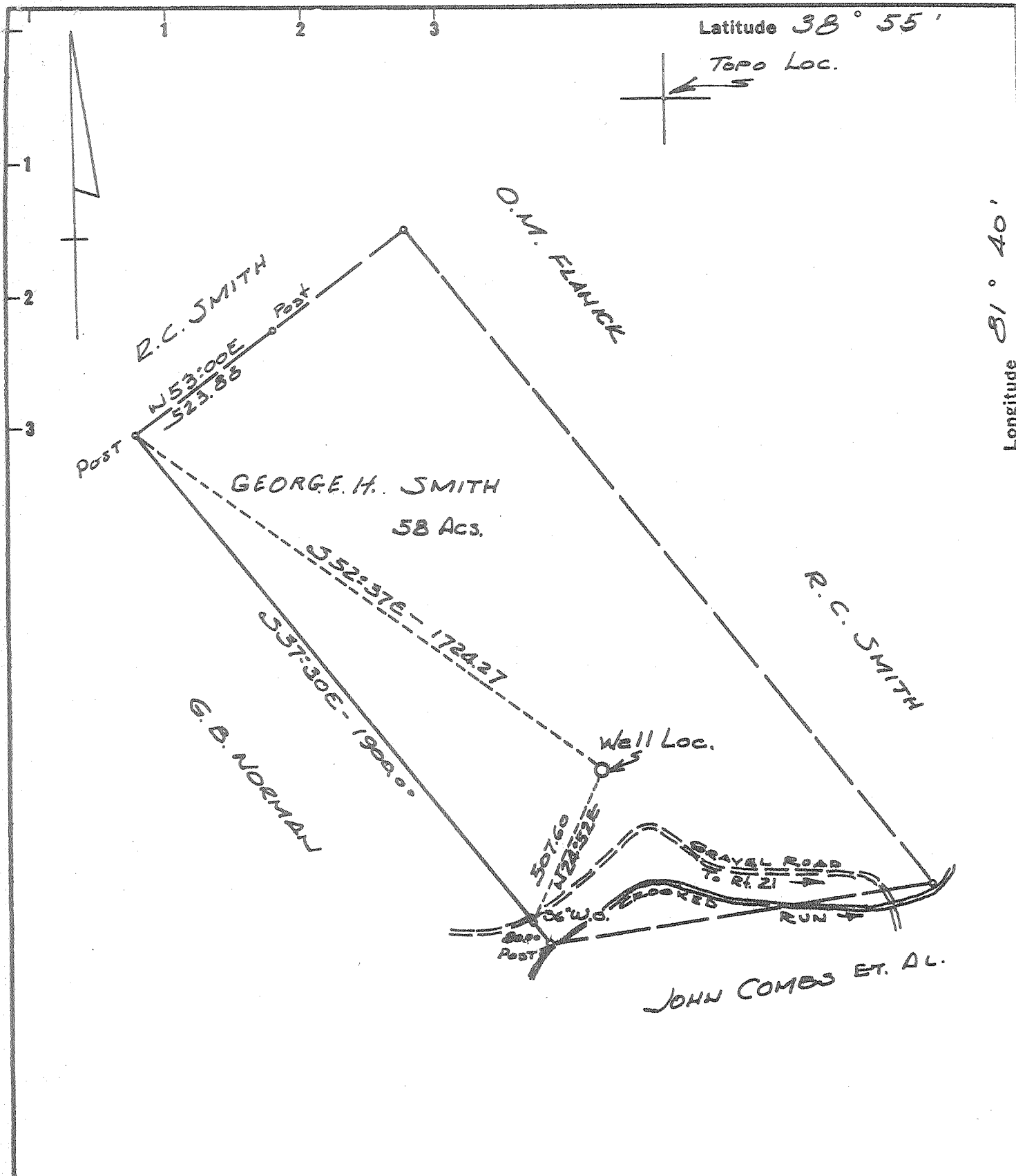
Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. Elev. 590' Road Intersection

"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."

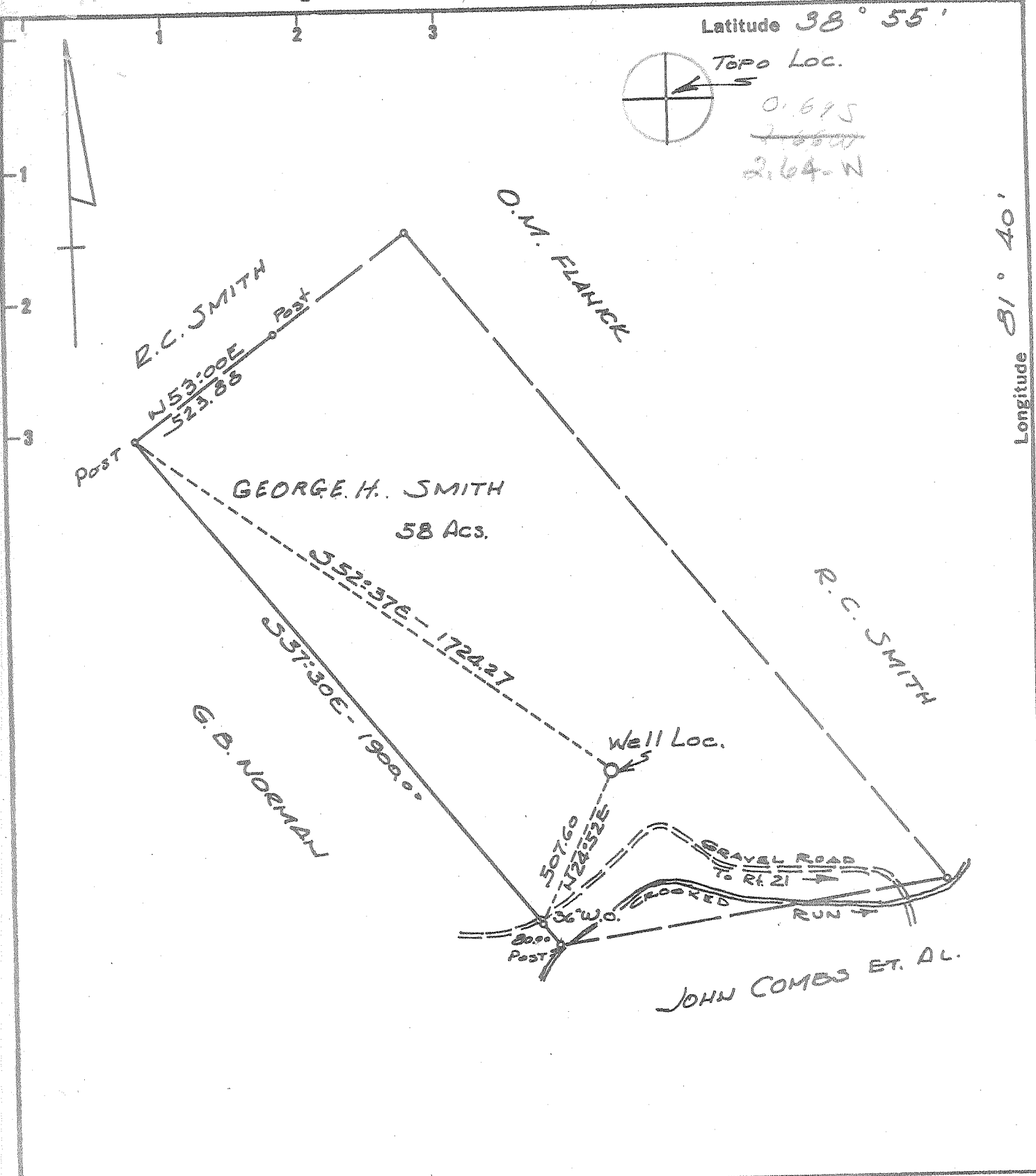
Company JACKSON COLONIAL GAS CO. INC.
 Address P.O. Box 55, Bolivar, Ohio, 45714
 Farm GEORGE H. SMITH
 Tract _____ Acres 58 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 632.2'
 Quadrangle RIPLEY WC
 County JACKSON District RAVENSWOOD
 Engineer H. G. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date Nov. 5, 1970 Scale 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. Jac-1250-PP

+ 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.



<p>New Location <input checked="" type="checkbox"/></p> <p>Drill Deeper <input type="checkbox"/></p> <p>Abandonment <input type="checkbox"/></p> <p><i>Partial Plugging</i></p>	<p>Minimum Error of Closure <u>1 in 200</u></p> <p>Source of Elevation <u>U.S.G.S. Elev. 590' Road Intersection</u></p>
<p>"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."</p>	
<p>Company <u>COLONIAL GAS CO. INC.</u></p> <p>Address <u>P.O. Box 99, Belpre, Ohio, 45714</u></p> <p>Farm <u>GEORGE H. SMITH</u></p> <p>Tract _____ Acres <u>58</u> Lease No. _____</p> <p>Well (Farm) No. <u>1</u> Serial No. _____</p> <p>Elevation (Spirit Level) <u>632.2'</u></p> <p>Quadrangle <u>RIPLEY WC</u></p> <p>County <u>JACKSON</u> District <u>RAVENSWOOD</u></p> <p>Engineer <u>H. G. Lepton</u></p> <p>Engineer's Registration No. <u>1832</u></p> <p>File No. _____ Drawing No. _____</p> <p>Date <u>Nov. 5, 1970</u> Scale <u>1" = 400'</u></p>	<p>STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION CHARLESTON</p> <p>WELL LOCATION MAP</p> <p>FILE NO. <u>Jac-1250-PP</u></p> <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.</p> <p>- Denotes one inch spaces on border line of original tracing.</p>



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. Elev. 590' Road Intersection

"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 COLONIAL GAS CO., INC.
 Address 1596-KAN. BLVD. CHARLESTON, W.VA.
 Farm GEORGE H. SMITH
Pt. of 250 Unit
 Tract _____ Acres 58 1/2 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 632.2'
 Quadrangle RIPLEY Wc
 County JACKSON District ROVENSWOOD
 Engineer N.L. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date Nov. 5, 1970 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. Jac-1250

+ 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)
 DEC 4 1970

39-00
4-3



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION 5

Rotary
Spudder
Cable Tools
Storage

Quadrangle Ripley
Permit No. Jac-1250

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company <u>Colonial Gas Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>1596 Kanawha Blvd., E., Charleston, W. Va.</u>	Size			
Farm <u>George H. Smith</u> Acres <u>58</u>	16			Kind of Packer
Location (waters) <u>Crooked Run</u>	13			Size of
Well No. <u>One (1)</u> Elev. <u>644 KB</u>	8 <u>XX 11-3/4</u>	<u>204</u>	<u>204</u>	Depth set
District <u>Ravenswood</u> County <u>Jackson</u>	5 <u>8 5/8</u>	<u>1985</u>	<u>1985</u>	Perf. top
The surface of tract is owned in fee by	6 3/4			Perf. bottom
Mineral rights are owned by	5 <u>XXX 1/2</u>	<u>5440</u>	<u>5440</u>	Perf. top
Drilling commenced <u>11/23/70</u>	4 1/2			Perf. bottom
Drilling completed <u>12/22/70</u>	3			
Date Shot From To	2			
With	Liners Used			

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS) 500 gal MCA

WELL FRACTURED (DETAILS) Yes; 15,000 gal. MIGHTY 2000 - 2300 lb average 382.0 lb

RESULT AFTER TREATMENT (Initial open flow or bbls) 58,000 MCF GPD

ROCK PRESSURE AFTER TREATMENT 1865 HOURS 12 minutes

Fresh Water _____ Feet Salt Water _____ Feet

Producing Sand Newburg Depth 5464'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale			0	5			
Sand			5	25			
Red Rock			25	75			
Shale			75	150			
Sand			150	180			
Red Rock			180	190			
Shale			190	350			
Red Rock			350	475			
Sand			475	525			
Shale			525	750			
Red Rock			750	850			
Sand			850	900			
Shale			900	980			
Sand			980	1070			
Shale			1070	1095			

VED
JAN 25 1971

(over)

Formation	Color	Hard or Soft	Top S	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1095	1120			
Shale			1120	1280			
Sand			1280	1306			
Shale			1306	1380			
Sand			1380	1425			
Shale			1425	1460			
Sand			1460	1500			
Shale			1500	1650			
Limestone - <i>Bighorn</i>			1650	1810			
Sand - <i>Big Horn</i>			1810	1890			
Sandy-shale			1890	1975			
Shale			1975	2300			
Berea			2300	2305			
Shale			2305	4608			
Corniferous Lm. <i>463</i>			4608	4700			
Oriskany Sand			4700	4709			
Limestone & Dolomite		<i>Held. & SALINA</i>	4709	5464			
Newburg Sandstone			5464	5471			
Dolomite <i>McKenzie</i>			5471	5497			
				5497 - TOTAL DEPTH			
CASING RECORD:						<i>545</i>	
	11-3/4"	set @ 204	ft. w/150sx.	11/24/70			
	8-5/8"	set @ 1985	ft. w/150 sx.	12/1/70			
	5-1/2"	set @ 5440	ft. w/150 sx.	12/17/70			

Date January 2, 19 71

APPROVED Colonial Gas Co., Owner

By *[Signature]* (Title)

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

RECEIVED

MAY 29 1973

OIL & GAS DIVISION
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT, 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.

COAL OPERATOR OR OWNER	VACRAM	NAME OF WELL OPERATOR	
ADDRESS		P.O. Box 99, Belpre, Ohio 45714	COMPLETE ADDRESS
COAL OPERATOR OR OWNER		April 30	1973
ADDRESS		Ravenswood	District
LEASE OR PROPERTY OWNER		Jackson	County
ADDRESS		Well No. # 1	
		George H. Smith	Farm
		Mr Fred Burdette	STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of WOOD

SS:

Lawson Oil and Gas Well Cementing Co., Inc.
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 Vacram, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 9th day of Feb., 1973, 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
	0'	20'	Cement	20'	
	20'	175'	Gel		
	175'	225'	Cement	50'	
	225'	1200'	Gel		
	1200'	1300'	Cement	100'	
	1300'	1950'	Gel		
	1950'	2050'	Cement	100'	
	2050'	4500'	Gel		
	4500'	4600'	Cement	100' in 5 1/2"	
	4600'	5340'	Gel		
	5340'	5430'	Cement	90' in 5 1/2"	
COAL SEAMS	DESCRIPTION OF MONUMENT				
(NAME)	7" 7" CASING STAND ICE				
(NAME)	1/2" HIGH				
(NAME)	COMPLETED				
(NAME)	5-4-72				

and that the work of plugging and filling said well was completed on the 30th day of April, 1973.

And further deponents saith not.

Karl Church

Sworn to and subscribed before me this 30th day of April, 1973.

Randall V. Peters

My commission expires:

August 1, 1982

Notary Public.

Permit No. Jac 1250-PX G. NOLL