

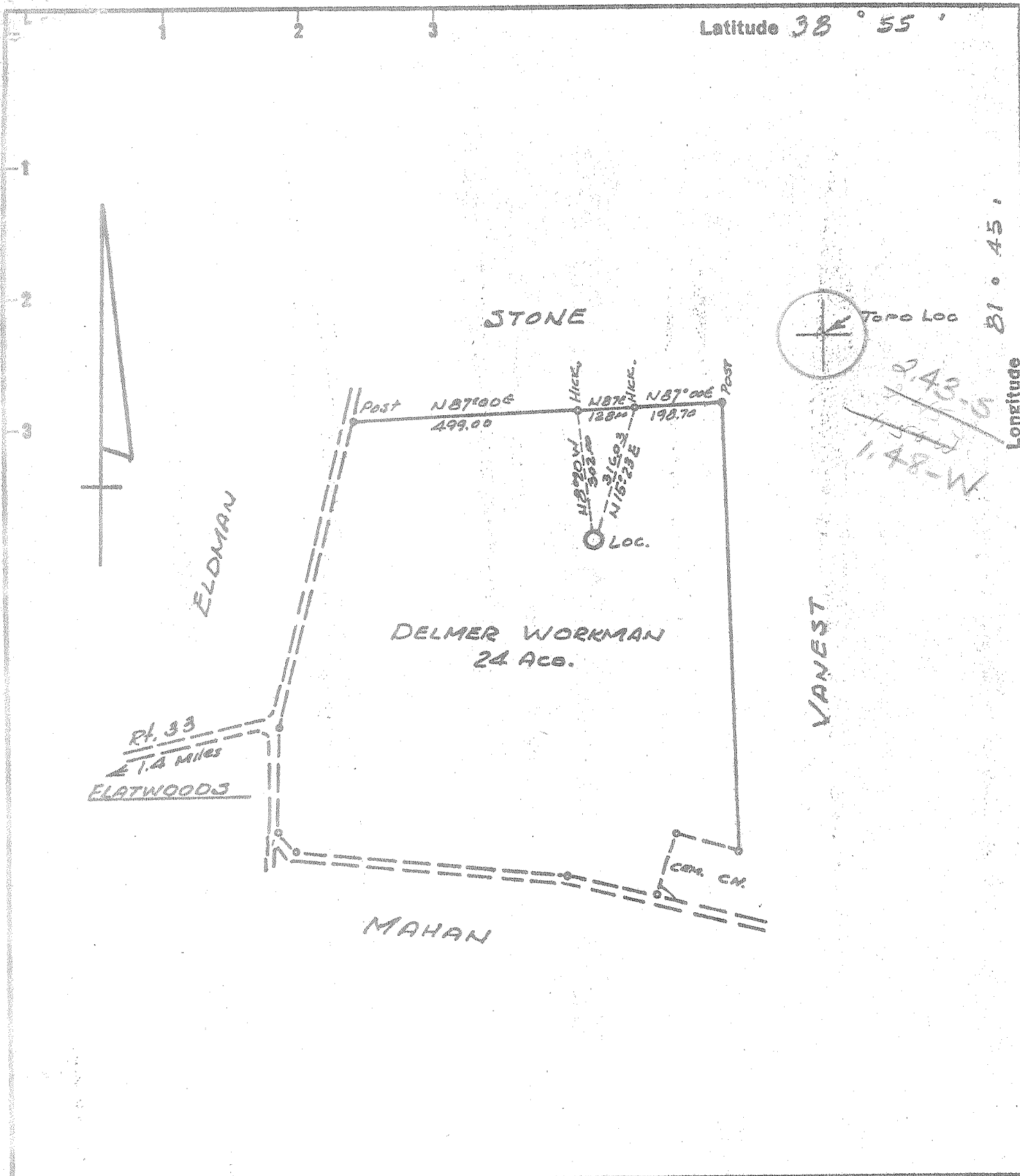
New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. E/EX. 763 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."

Burdette Oil & Gas Company, Inc.
 Company ~~DELTA GAS CO., INC.~~
 Address ~~1016~~ CHARLESTON, W. VA.
 Farm DELMER WORKMAN
 Tract Acres 24 Lease No.
 Well (Farm) No. 1 Serial No.
 Elevation (Spirit Level) 789.15
 Quadrangle RAVENSWOOD EC
 County JACKSON District UNION
 Engineer N. G. Sifton
 Engineer's Registration No. 1832
 File No. Drawing No.
 Date 12-11-70 Scale 1" = 300'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. **JAC-1259-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.
 AUG 2 1974

Deep well



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. Elev. 763' 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 DELMEER WORKMAN
 Tract _____ Acres 24 Lease No. _____
 Well (Farm) No. I Serial No. _____
 Elevation (Spirit Level) 739.15
 Quadrangle ROVENSWOOD EC
 County JACKSON District UNION
 Engineer N. L. Sifton
 Engineer's Registration No. 1932
 File No. _____ Drawing No. _____
 Date 12-11-70 Scale 1" = 300'

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

WELL LOCATION MAP
 FILE NO. JAC-1259

⊕ 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.

5-5 Ripley 311

Deep Well
(Newburg)

JAN 11 1971

39-20
6-34



RECEIVED
FEB 19 1971

STATE OF WEST VIRGINIA OIL & GAS DIVISION
DEPT. OF MINES
OIL AND GAS WELLS DIVISION 2

Rotary
Spudder
Cable Tools
Storage

Quadrangle Ravenswood
Permit No. JAC-1259

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Colonial Gas Company
Address 1596 Kanawha Blvd., S.E., Charleston, W. Va.
Farm Delmer Workman Acres 24
Location (waters) _____
Well No. One (1) Elev. 796 KB
District Union County Jackson
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 1/2/71
Drilling completed 2/4/71
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
$11\frac{3}{4}$	221	221	
$8\frac{5}{8}$	2132	2132	Depth set
6 $\frac{5}{8}$			
5 $\frac{3}{16}$	5302	5302	
4 $\frac{1}{2}$			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume Estimated 8,000,000 Mat. Cu. Ft.
Rock Pressure 2075 lbs. 20 min. hrs.
Oil _____ hbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) Yes;
500 gal. M.C.A.
WELL FRACTURED (DETAILS) 26,000 lbs. Sand 20-40 675 Bbl. treated water -
water treated with Dowell J160
RESULT AFTER TREATMENT (Initial open Flow or hbls.) : 58,000,000 cu. ft. per day estimated
ROCK PRESSURE AFTER TREATMENT 2175 HOURS 17 min.
Fresh Water None Feet
Producing Sand. Newburg Depth 5319

Attach copy of cementing record.
CASING CEMENTED Yes SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) _____ See other side
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT None FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES
58,000 MCFBPD

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	30			
Sand			30	40			
Shale			40	150			
Red Rock			150	220			
Shale			220	480			
Red Rock			480	550			
Sand - <u>1st Pitts?</u>			550	600			
Shale			600	720			
Red Rock			720	810			
Shale			810	360			
Sand			860	870			
Shale			870	1175			
Sand - <u>Big Diamond?</u>			1175	1240			
Shale			1240	1285			
Shale			1285	1600			

Formation	Color	Hard or Soft	Top 2	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1600	1710			
Limestone	- Big lime		1710	1865			
Shale	340		1865	1900			
Sandstone	- Shun		1900	2018			
Sandy Shale			2018	2142			
Shale			2142	2322			
Coffee Shale			2322	2344			
Sereca			2344	2346			
Shale			2346	4541			
Corniferous Lm.	- 463		4541	4631			
Oriskany Sand.			4631	4638			
Limestone & Dolomite	HELLERBERG & SALINA		4638	5319			
Kewburg Sand			5319	5326	Gas	5320	3,500M
Dolomite	McKenzie		5326	5345			
				5345	Total Depth		
				(545)			
CASING RECORD:							
11-3/4" Casing cemented 1/4/71 w/150sx.							
8-5/8" Casing cemented 1/18/71 w/150sx.							
5-1/2" casing cemented 1/27/71 w/160 sx.							

Date _____, 19__

APPROVED _____, Owner

By _____ (Title)