

New Location
 Drill Deeper
 Abandonment
 5/30/74

Minimum Error of Closure 1 in. 200
 Source of Elevation U.S. G.S. Elev. 648' 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 N. S. Gas & Oil, Inc.
 Address [REDACTED]
 Farm ROY SHAFER
 Tract SPR. of 250 AC. UNIT 2 Acres 31.5 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 669.0 FC
 Quadrangle RAVENSWOOD, W.VA., OHIO
 County JACKSON District UNION
 Engineer N. L. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date MARCH 6th 1971 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. JAC-1272-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.

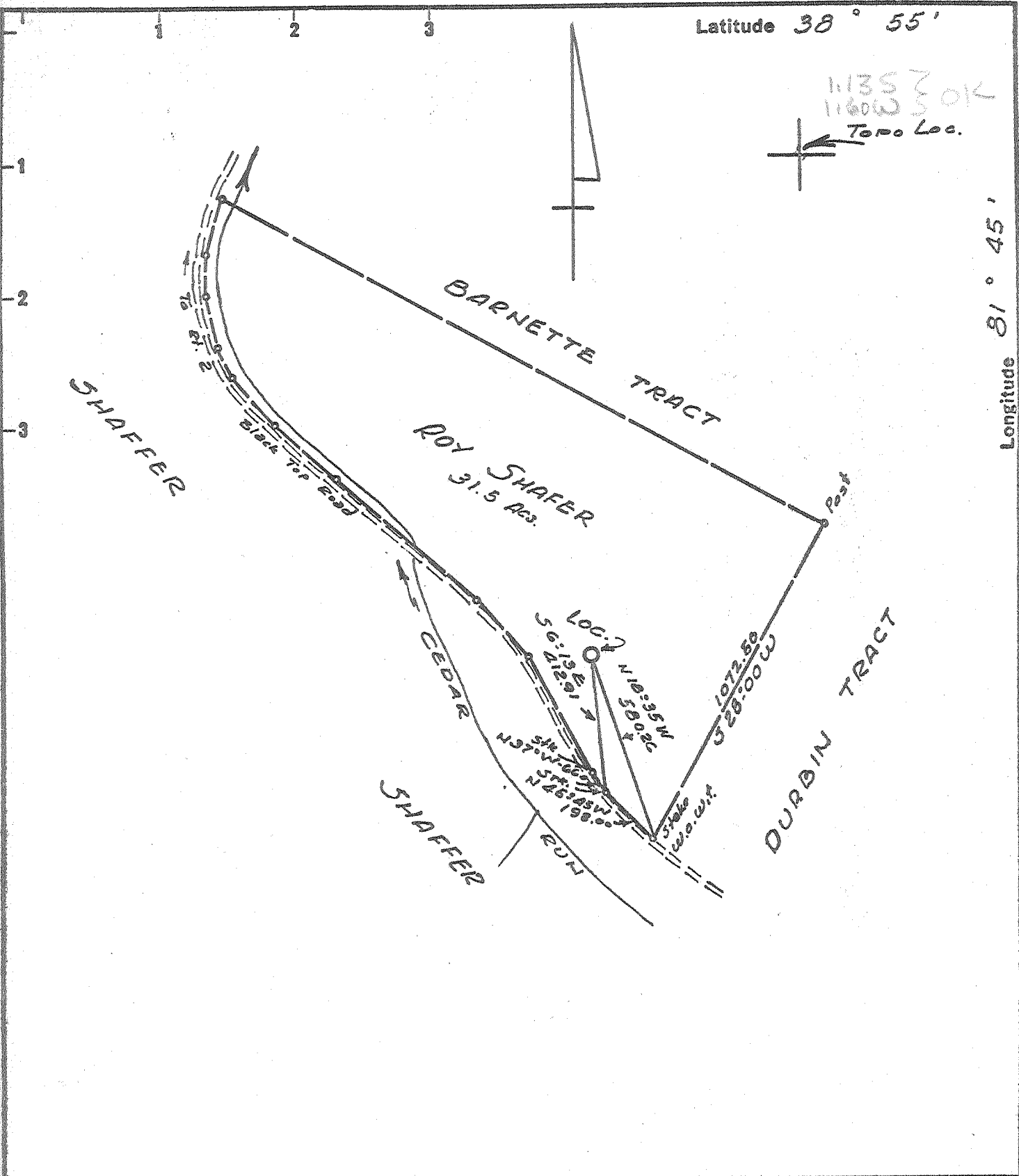
- Denotes one inch spaces on border line of original tracing.

Deep Well

JUN 24 1974

Latitude 38° 55'

Longitude 81° 45'



1:1357
1:160W 5 OK
Tomo Loc.

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"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.
 Address Charleston, W. Va., 25301
 Farm ROY SHAFER
 Tract Acres 31.5 S.P. of 250 Ac. Unit 3 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 669.0
 Quadrangle RAVENSWOOD, W.VA., OHIO EC
 County JACKSON District UNION
 Engineer N. L. Depton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date MARCH 6th 71 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. JAC-1272

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

ws 6-6 Ripley 311 Deep well APR 26 1971



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION 4

Rotary
Spudder
Cable Tools
Storage

G. HOLL

Oil or Gas Well Gas
(KIND)

Form OG-10
39-00
6-4
Quadrangle Ravenswood
Permit No. Jac-1272

WELL RECORD

Company Colonial Gas Company
Address Charleston, West Virginia
Farm Roy Shaffer Acres 31.5
Location (waters) Cedar Run
Well No. One (1) Elev. 881 KB
District Union County Jackson
The surface of tract is owned in fee by
Address
Mineral rights are owned by
Address

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
8 1/2 11-3/4	215	215	Size of
8 1/2 5/8	1950	1950	Depth set
6 1/2			
5 3/4 1/2	5045	5045	Perf. top
4 1/2			Perf. bottom
3			Perf. top
2			Perf. bottom
Liners Used			

Drilling commenced April 10, 1971
Drilling completed May 4, 1971
Date Shot From To
With
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Est. 20,000,000 Natural Cu. Ft.
Rock Pressure 2075 lbs. 1 hr. hrs.
Oil none bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) 500 barrels

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

WELL FRACTURED (DETAILS) Yes; 26000lbs. of 20-40 sand and 700 barrels of water treated with Dowell J-160 frac material.
RESULT AFTER TREATMENT (Initial open Flow or bbls.) estimated open flow 100 mm/cf per day.
ROCK PRESSURE AFTER TREATMENT 2075 HOURS 4 100,000,000
Fresh Water 40 ft. Feet Salt Water 40 Feet
Producing Sand Newburg Sandstone Depth 5071

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	15			
Shale - Sand, & Red Rock			15	1400			
Sand - <u>Salt Sand?</u>			1400	1545			
Limestone - <u>Big lime</u>			1545	1675			
Big Injun			1675	1850			
Shale			1850	2160			
Berea Horizon			2160	2165			
Shale			2165	4312			
Corniferous Lm. - <u>463</u>			4312	4398			
Oriskany Sd.			4398	4402			
Limestone & Dolomite - <u>HELSBERG & SALINA</u>			4402	5071			
Newburg Sandstone - <u>53</u>			5071	5080	Gas		Est. 20,000,000 Nat
Limestone & Dolomite			5080	5095			
				5095 TOTAL DEPTH			

RECEIVED
MAY 12 1971
OIL & GAS DIVISION
DEPT. OF MINES

MCKZ

545

(over)

