



ACCURACY: 1' / 200'

Source of Elevation RAVENSWOOD HIGH SCHOOL (620')

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

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.

Chet Waterman

Company RAY BROTHERS CORP
 Address CHARLESTON, W. VA.
 Farm A.H. RITCHIE
 Tract Acres 55 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 774.6'
 Quadrangle RIPLEY NW
 County JACKSON District RAVENSWOOD
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788
 File No. 69003-61 Drawing No. _____
 Date 3/12/69 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. JAG-1172

+ 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.

new pool disc. - Dev. sh.

337- Groundhog Creek 5-2

Beep Well

MAR 30 1969

1-21



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

Rotary
Spudder
Cable Tools
Storage
Oil or Gas Well **Gas**
(KIND)

Quadrangle Ripley
Permit No. JAC-1172

WELL RECORD

Company Ray Brothers Corporation
Address 630 Commerce Sq., Chas., W. Va. 25301
Farm A. H. Ritchie Acres 55
Location (waters) _____
Well No. 1 Elev. 774.6'
District Ravenswood County Jackson
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

Drilling commenced March 15, 1969
Drilling completed March 23, 1969
Date Shot 5/1/69 From 3200 To 4000
With 6710# Dowell Blasting Agent "A"

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume Show Cu. Ft.
Rock Pressure _____ lbs. hrs.
Oil _____ 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 3/8	63'	63'	Size of
10			Depth set
8 5/8	1842'	1842'	
6 3/4			Perf. top
5 1/2	5170'	570'	Perf. bottom
4 1/2			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

Attach copy of cementing record.
CASING CEMENTED 8 5/8 SIZE 1842 No. Ft. 3/18/69 Date
Amount of cement used (bags) 430 sxs.
Name of Service Co. Dowell
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
ROCK PRESSURE AFTER TREATMENT _____ HOURS
Fresh Water 255 Feet
Producing Sand Dev. Shale

152,000 After Shot
Salt Water 5175 Feet
Depth 3200 to 4000

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil - Red Clay			0	23			
Red Rock & Shale			23	60			
Lime & Shale			60	75			
Red Rock & Shale			75	225			
Sand & Shale			225	255			
Shale & Red Rock			255	940			
Shale & Sand			940	1160			
Shale			1160	1220			
Sand & Lime			1220	1550			
Shale			1550	1600			
Big Lime			1600	1755			
Injun			1755	1765			
Weir			1765	1810			
Shale			1810	4405			
Coriferous Lime			4405	4443			
Oriskany Sand			4443	4455			
Dolomite & Lime			4455	5173			
Newburg			5173	5179			
Dolomite & Lime			5179	5300			
Sand & Dolomite			5300	5330			
Dolomite & Cherty Lime			5330	5351 TD			
					Show Gas		

5173 5173
4443 775
730 - 4398

5351
4000
1351

545

D.H. Festage

APR 27 1970

(over)

MAY 4 1970