

New Location
 Drill Deeper 04/67
 Abandonment

Company Natural Gas of West Virginia
 Address Burton, West Virginia
 Farm C.D. Lathey
 Tract 2 Acres 49.6[±] Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 892.9
 Quadrangle Ravenswood SE
 County Jackson District Dipley
 Engineer Harry F. Schull Jr.
 Engineer's Registration No. 3779
 File No. _____ Drawing No. _____
 Date May 22, 1962 Scale 1" = 300'

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

WELL LOCATION MAP
 FILE NO. JAC-1039-D

+ 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.

6-0 (348) DEEP WELL



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 14

Quadrangle Ravenswood

Permit No. 1039

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Natural Gas of W. Va. Inc.
Address Box 124, Burton, West Virginia
Farm C. D. Lathey Acres 49.6
Location (waters) Parchment Creek
Well No. 1 Elev. 892.9
District Ripley County Jackson
The surface of tract is owned in fee by C. D. Lathey
Ripley, West Va. Address _____
Mineral rights are owned by C. D. Lathey and Tennis
Lathey, Minnie Walker, Ripley, West Virginia
Drilling commenced June 25, 1962
Drilling completed September 11, 1962
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ inch
Volume 400,000 Cu. Ft.
Rock Pressure 325 lbs. 12 hrs.
Oil None bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			None
13	171' 6"	Same	None
10	925' 10"	Pulled	Size of
8 1/4	1728'	Pulled	
6 5/8	2569	2569	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT None FEET _____ INCHES
978 FEET 24 INCHES 1298 FEET 36 INCHES
FEET _____ INCHES FEET _____ INCHES

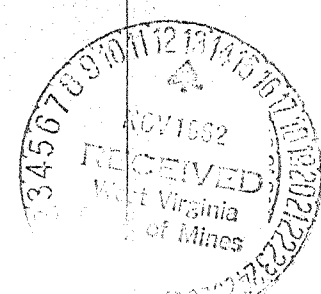
WELL FRACTURED Yes - Both Injun Sand and Weir Sand, Separately.

RESULT AFTER TREATMENT Negligible

ROCK PRESSURE AFTER TREATMENT Same as Above, no increase.

Fresh Water 465' Feet 3' Salt Water 1220' Feet 2'
1748' Feet 4'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay	Yellow	Soft	0	8			
Sandstone	Light	Hard	8	20			
Red Rock	Red	Soft	20	25			
Sandstone	Light	Hard	25	35			
Green Shale	Green	Hard	35	40			
Sandstone	Light	Hard	40	65			
Red Rock	Red	Soft	65	90			
Sandstone	Light	Hard	90	95			
Sandstone	Light	Hard	95	125			
Sandstone	Light	Hard	125	135			
Red Rock	Red	Soft	135	140			
Sandstone	Light	Hard	145	177			
Red Rock	Red	Soft	177	182			
Slate	Hard	Hard	182	200			
Slate	Hard	Hard	200	220			
Red Rock	Red	Soft	220	240			
Slate	Light	Hard	240	257			
Sandstone	Light	Hard	257	270			
Red Mud	Red	Soft	270	285			
Slate	Dark	Hard	285	317			
Slate	Dark	Hard	317	325			
Red Mud	Red	Soft	325	335			
Sand	Light	Hard	335	345			
Slate	Dark	Hard	345	400			
Red Mud	Red	Soft	400	415			
Slate	Dark	Hard	415	452			
Slate	Dark	Hard	452	465			
Sandstone	Light	Hard	465	502			
Slate	Dark	Hard	502	520			



Water - Five Barrels over Week-end.

(over)

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Formation	Color	Hard or Soft	Top <i>14</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	Light	Hard	520	535			
Slate	Dark	Hard	535	562			
Slate	Dark	Hard	562	607			
Slate	Dark	Hard	607	667			
Slate	Dark	Hard	667	708			
Lime	Light	Hard	708	718			
Slate	Dark	Hard	718	721			
Sandy Lime	Light	Hard	721	756			
Blue Slate	Dark	Hard	756	790			
Blue Shale	Dark	Hard	790	833			
Blue Shale	Dark	Hard	833	852			
Sandy Lime	Light	Hard	852	862			
Sandy Lime	Light	Hard	862	869			
Sandy Lime	Light	Hard	869	900			
Sandy Lime	Light	Hard	900	915			
Sandy Lime	Light	Hard	915	919			
Lime Shells	Light	Hard	919	935			
Blue Slate	Blue	Hard	935	960			
Blue Slate	Blue	Hard	960	978			
Coal	Black	Hard	978	980			
Lime	Light	Hard	980	997			
Sand	Light	Hard	997	1027			
Blue Slate	Blue	Hard	1027	1035			
Red Rock	Red	Soft	1035	1047			
Sandy Lime	Light	Hard	1047	1060			
Blue Shale	Blue	Hard	1060	1097			
Blue Slate	Blue	Hard	1097	1115			
Red Rock	Red	Soft	1115	1122			
Slate	Grey	Hard	1122	1135			
Red Rock	Red	Soft	1135	1140			
Slate	Grey	Hard	1140	1147			
Slate	Grey	Hard	1147	1160			
Red Rock	Red	Soft	1160	1185			
Slate	Grey	Hard	1185	1197			
Slate	Blue	Hard	1197	1220			
Sand	Light	Hard	1220	1252	Water		
Sand	Light	Hard	1252	1273			
Coal	Black	Hard	1273	1281			
Lime	Light	Hard	1281	1291			
Slate	Dark	Hard	1291	1307			
Sandy Lime	Light	Hard	1307	1367			
Sandy Lime	Light	Hard	1367	1375			
White Sand	Light	Hard	1375	1427			
Sandy Shale	Light	Hard	1427	1460			
Lime	Light	Hard	1460	1508			
Sandy Shale	Light	Hard	1508	1518			
Sandy	Light	Hard	1518	1558			
Slate	Dark	Hard	1558	1608			
Slate	Dark	Hard	1608	1614			
Sand	Light	Hard	1614	1658			
Sand	Light	Hard	1658	1708			
Shale	Dark	Hard	1708	1743			
Sand	Light	Hard	1743	1748			
White Sand	Light	Hard	1748	1758	More Water		
Salt Sand	Light	Hard	1758	1780			
Salt Sand	Light	Hard	1780	1802			
Salt Sand	Light	Hard	1802	1806			
Sand	Light	Hard	1806	1814			
Sand	Light	Hard	1814	1830			
Sand	Light	Hard	1830	1840			
Sand	Light	Hard	1840	1861			
Lime	Light	Hard	1861	1868			
Lime	Light	Hard	1868	1888			
Lime	Light	Hard	1888	1904			
Lime	Light	Hard	1904	1910			
Sand	Light	Hard	1910	1929	More Water		(Continued to Second Sheet)

Date....., 19.....

APPROVED....., Owner

By..... (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Ravenswood

Permit No. Jac-1039

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Natural Gas of W. Va. Inc.
Address Box 124, Burton, West Virginia
Farm C. D. Lathey Acres 49.6
Location (waters) Parchment Creek
Well No. 1 Elev. 892.9
District Ripley County Jackson
The surface of tract is owned in fee by C. D. Lathey
Address _____
Mineral rights are owned by _____
Address _____

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

Drilling commenced _____
Drilling completed _____
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

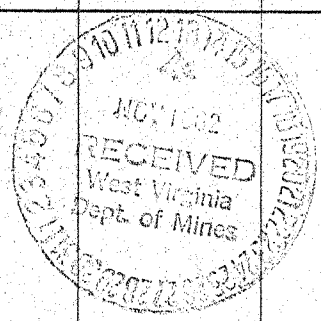
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Beginning of Second Sheet							
Sand	Light	Hard	1929	1949			
Sand	Light	Hard	1949	1969			
Sand	Light	Hard	1969	1980			
Lime	Light	Hard	1980	1985			
Lime	Light	Hard	1985	2000			
Sand	Light	Hard	2000	2007			
Lime	Light	Hard	2007	2014			
Lime	Light	Hard	2014	2030			
Lime	Light	Hard	2030	2048			
Lime	Light	Hard	2048	2055			
Sand	Light	Hard	2055	2070			
Sand	Light	Hard	2070	2116			
							Keener Sand Porosity 15% Injun Sand-Gas at 2093-2094 18 Holes Shot in 7" and Fractured. at 2093-2094. Used 21,000 Gallons water, 29,000 lbs of 20-40 Sand. 400 Gallons Mud Acid, 200 lbs J-98, 400 lbs of J-84, 20 Gallons of Deterger, 400 Gallons of Dowell Service. Work Done on September 21, 1962.
Shale	Dark	Hard	2116	2126			
Sand-Weir	Light	Hard	2126	2228			Weir Sand-Gas at 2130-2132 16 holes shot in Pipe at 2130-2132. Fractured on October 1, 1962 with 24,000 Gallons water and 20,000 lbs of 20-40 Sand, 500 Gallons of Dowell X Service, 500 Gallons of m-38 Service. 150 lbs of J-98, 300 lbs of J-84.



(over)

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Formation	Color	Hard or Soft	Top <i>14.5</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
2228x Shale	Dark Gry	Hard	2228	2550			
✓ Shale-Lippe	Black	Medium	2550	2569	Coffee Shale		
Shale	Dark	Hard	2569	2573	More Shale	Mixed colors	
✓ Sand-Berea	Light	Soft	2573	2585	Berea Sand	Drilled very soft and water came all the way through the sand. Shut down and waited 48 hrs. Water filled up 800 feet in hole in 48 Hours.	
Time - 410	Light	Hard	2585	2590	Bottom of Hole	Total Depth. Berea Sand Completely dry as far as Gas is concerned.	

7" o.D. J-55 20lbs pipe run from top of hole and cemented in at 2569 feet, used 85 Sacks of regular cement and 4 Sacks of Aqua Gel. This work done on September 6, 1962. 3" Upset tubing used to fracture both pays with the aid of a Larkin Packer, set inside 7".

Date November 8 1962
 APPROVED Natural Gas of W. Va. Inc. Owner
 By Franklin R. York
 (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Ravenswood

Permit No. 1039 DD JACKSON

WELL RECORD

Oil or Gas Well DRY
(KIND)

Company Edison J. Parsons
Address 119 Highlawn Drive Ripley W. Va.
Farm C. D. Lathey Acres 49.6
Location (waters) Parchment Creek
Well No. 1 Elev. 392.9
District Ripley County Jackson
The surface of tract is owned in fee by C. D. Lathey
Ripley W. Va. Address
Mineral rights are owned by C. D. Lathey, Tennis
Lathey & Minnie Walker, Ripley, W. Va.
Deepening commenced February 15, 1967
Drilling completed April 12, 1967
Date Shot From To
With

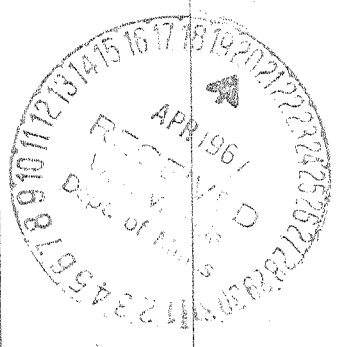
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	171'6"	171'6"	
10			Size of
8 1/2			
7 1/2 7"	2569	1519'	Depth set
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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)
WELL FRACTURED (DETAILS)

Attach copy of cementing record.
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) _____
Name of Service Co. _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Beginning of third page							
Siltstone & Shales	Gray	soft	2592	4036			
Shale	drk gray to blk	soft	4036	4908			
Limestone with chert	Brown	hard	4908	4995			
Sandstone	lt. brwn	med. hard	4995	5030			
Limestone	med. gry	hard	5030	5063	Oriskany Sr.		
				5063			(New total Depth) Samples missing
				485			Down hole explosion left six 5 1/2" drill collars in hole. Hole plugged back from 5063 to 3320 with cement and 5 whipstocks. Hole loaded with Jel, pulled 1050 ft. of 7" casing, cement plugs set at 1047'-1067' and 455'-475' (Cement plugs were 20' each) monument at top of hole.



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