

Company Hope Natural Gas Company  
 Address Clarksburg, W. Va  
 Farm Viola Mount  
 Tract \_\_\_\_\_ Acres 144 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. 3439  
 Elevation (Spirit Level) 1172'  
 Quadrangle Weston - EC  
 County Harrison District Grant  
 Engineer B.H. Bradley  
 Engineer's Registration No. 135  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 6-25-1936 Scale 1" = 600'

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

**WELL LOCATION MAP**  
 FILE NO. HAR-350-R  
350-R

+ 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.

8K-534 P-27

Page 2  
Plan - 350-R

Hope Natural Gas Company ..... Company  
 Clarksburg, W. Va., ..... Address  
 Well No. 3439 .....

COMPLETION DATA SHEET  
 No. 2  
 FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Big Dunkard Sand			Water-45	265	270	5'		
Gas Sand				455	480	25'		
First Salt Sand			Water-460	585	610	25'		
Second Salt Sand				760	900	120'		
Little Lime				1327	1347	20'		
Pencil Cave				1347	1352	5'		
Big Lime				1356	1412	56'		1415' - 65/8"
Big Injun Sand				1412	1550	138'		
Berea Sand			Gas-1438	1673	1750	77'		
Gartz Sand			Water-1681	1780	1830	50'		1730' - 5 3/16"
Fifty Foot Sand				1849	1925	76'		
Gordon Stray Sand				1985	2015	30'		
Gordon Sand				2025	2106	81'		
Fifth Sand				2176	2200	24'		
Danson Sand			Gas-2179	4175	4185	10'		
			Show gas-4181				4370	

Well was ~~not~~ shot at 2178-2193 feet; well was shot at 4181 feet.

Fresh water at 45 feet; salt water at 1681 feet.

Well was producing hole. Not commercially productive.

June 25, 1935 Date

Approved Hope Natural Gas Company Owner  
 By *[Signature]*

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

File No.

*Har-350-R*

Well No. 5439

Hope Natural Gas Company

Company of 445 West Main St.

Clarksburg, W. Va.,

on the Viola Mount

Farm

containing 144

acres. Location

Grant

District, in Harrison

County, West Virginia

The surface of the above tract is owned in fee by Viola Mount Heirs

of Jane Lee, W. Va., R #3,  $\frac{1}{2}$  Floyd Mount, address, and the mineral rights are owned by

Viola Mount Heirs,  $\frac{1}{2}$  Floyd Mount of Jane Lee, W. Va., R #3.

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit

No. issued by the West Virginia Department of Mines, Oil and Gas Division

183

Elevation of surface at top of well,

1172

Spirit barometric

The number of feet of the different sized casings used in the well.

feet

size. Wood conductor.

245

feet 10" (pulled)

size, csg. 928

feet 8" (738' pulled) sized csg.

1415

feet 6-5/8"

size, csg. 1730

feet 5-3/16" sized csg.

feet

size, csg.

feet size, sized csg.

packer of

size, set at

packer of

size, set at

, in casing perforated at

feet to feet

, in casing perforated at

feet to feet

Coal was encountered at Below Coal feet, thickness inches, and at

feet; thickness inches; and at feet; thickness inches.

Liners were used as follows: (Give details)

June 25th, 1936.

Date.

Approved Hope Natural Gas Company, Owner.

By (TITLE) Asst. General Supt.

# Hope Natural Gas Company

## WELL RECORD

FA  
2

Well No. 3439

Lost Creek Construction District

Farm Name Viola Mount Heirs

HAR-350-16

N      S 24 E 15 W

Date First Work Done 7-28-64

Nature of Work Moved in rotary rig.

Commenced:  
Cleaning Out 7-29-64

Completed:  
Cleaning Out 10-27-64

Drilling Deeper \_\_\_\_\_

Drilling Deeper \_\_\_\_\_

Abandoning \_\_\_\_\_

Abandoning \_\_\_\_\_

### CASING AND TUBING RECORD

Size	Below Repairs		Pulled		Put In Well		After Repairs		Weight
	Tally	Steel Line	Tally	Steel Line	Tally	Steel Line	Tally	Steel Line	
10-3/4"					93	93	93	93	32.75
5-1/2"					1668	1655	1668	1655	17.00

### RECORD OF TREATING FORMATIONS

Date	Sand	DEPTH		TEST BEFORE			TEST AFTER					
		From	To	Read.	Liq.	Opn.	Read.	Liq.	Opn.	Hrs.		
(SHOT)	Not Shot			Quarts	Shooting Agent	Open or Tamped						SHOT BY
(ACIDIZED)	Not Acidized			Gallons	Acid Used							ACIDIZED BY

See Reverse Side for Gamma

(HYDRAFRAC)	Not frac	Breakdown	Bbls.	Lbs.	Agent	Max. Press.	HYDRAFRAC
			X	X			
		Treating	X				
		Flushing		X			
		Breakdown		X			
		Treating	X				
		Flushing		X			

### RECORD OF ANY DEEPER DRILLING

### PACKER RECORD

Formation	Top	Bottom	Oil at	Gas at	Size	Kind	Set at (Steel Line)
Commenced drilling at Depth of					10-3/4"	Steel Shoe	93'
Re-drilled from surf. to 2040'					5-1/2"	Steel Shoe	1655'
and plugged back to 1714'					PACKER PULLED		
					Size	Kind	
					OIL PRODUCTION		
Total Depth	1714'				Estimated	bbl. per day	

### VOLUME AND PRESSURE REPORT

#### BEFORE CLEANING OUT (Take Test When Ready to Clean Out)

Date of Test	Flow Meter or Open Flow				CUBIC FEET	Sands Gas From	Time Blown
		Reading	Liquid Used	Opening			

#### AFTER CLEANING OUT

Date of Test	Flow Meter or Open Flow				CUBIC FEET	Sands Gas From	Time Blown
		Reading	Liquid Used	Opening			

#### AFTER DRIVING OUT RE-DRILLING

Date of Test	Flow Meter or Open Flow				CUBIC FEET	Sands Gas From	Time Blown
		Reading	Liquid Used	Opening			
10-27-64	FM	3/10	Water	1/2"	3 M.	Gantz	

### PRESSURE TEST

### ROCK

Date of Test	Opening	1 Min.	2 Min.	3 Min.	4 Min.	5 Min.	10 Min.	30 Min.	60 Min.	Hrs.	Lbs.	Days	Lbs.
		10-27-64	5 1/2" Casing					NONE					
	" Tubing												

OTHER SIDE OF THIS FORM. MAKE DETAILED REPORT OF WORK DONE, RETURN WITH NAMES OF DRILLERS, TOOL DRESSERS, C. O. CREW, ETC.

*M. L. David*

DISTRICT SUPERINTENDENT

WELL 3439

Moved in rotary rig 7-28-64 and drilled 15" hole to 102'. Ran 93' of 10" casing and cemented to surface with 62 bags cement. C.O. to-2040' Gantz Sand 1677-1709' Abandoned lower hole from 2040' to 1722' with 55 bags cement. Set Baker bridge plug at 1662' and put 1 bag cal seal on top of plug. Ran 1655' of 5 1/2" casing and cemented to surface with 475 bags cement. On 8-4-64 moved out rotary and moved in spudder on 10-13-64. Drilled up bridge plug and found top of cement at 1764'. Hole full water and 62 psi on well in 16 hours. Re-cemented bottom hole to 1724' with Halliburton dump bailer and put 250 psi on well with Halliburton pump and filled back to 1714' with hydromite (20 gal.) T.D. 1714'. Fluid level 130'. No pressure on well when shut in 16 hours. Bailed water to 1500' below surface. Water filled up to within 250' of surface in 16 hours. Gas test 3/10 W 1/2" F.M. or 3 M. No free consumer. Shut in on 5 1/2" casing.

Well re-drilled by Pace Bower Construction Co. rotary rig.

Drillers: Sidney Roles  
Alvin Workman  
Marvin Wilson

Helpers: Dallie Lambert  
Roger Powell  
Kenneth Efav

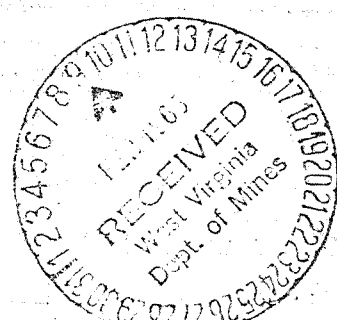
Tool Pusher: George Cobb

Report Made By:  
Fred M. Cottrill, Jr.  
11-4-64

FROM GAMMA RAY LOG - # 3439

1st Salt Sand	670- 808
2nd Salt Sand	850 - 867
3rd Salt Sand	936-1011
Maxton Sand	1200-1250
Little Lime	1281-1305
Big Lime	1324-1393
Big Injun	1393-1505
Gantz Sand	1664-1709
Gantz "A"	1719-1753

Total Depth 1714'



314-A

Grant District, Harrison County, W. Va.  
 By Hope Natural Gas Co., 445 W. Main St., Clarksburg, W. Va.  
 On 144 acres, surface and mineral rights owned by Viola Mount Heirs,  
 1/4 Floyd Mount, Route 3, Jane Lew, W. Va.

Elevation, 1172' L.

10" casing, 245' (pulled); 8 1/2", 928' (738' pulled); 6 5/8", 1415';  
 5 1/8", 1730'.

Starts below coal.

Abandonment reported to Dept. of Mines June 25, 1936.

Well was shot at 2178-2193 and 4181'.

Fresh water at 45'; salt water at 1681'.

Gas well; not commercially productive.

Record from Miss Griffith 4-14-37.

	Top.	Bottom.	Thickness.
Water at 45'			
Big Dunkard Sand	265	- 270	5
Gas Sand (water, 460')	455	- 480	25
First Salt Sand	585	- 610	25
Second Salt Sand	780	- 900	120
Little Lime	1327	- 1347	20
Pencil Cave	1347	- 1352	5
Big Lime	1356	- 1412	56
Big Injun Sand (gas, 1438')	1412	- 1550	138
Berea? Sand (water, 1681')	1673	- 1750	77
Gantz? Sand	1780	- 1830	50
Fifty-foot Sand	1849	- 1925	76
Gordon Stray Sand	1985	- 2015	30
Gordon Sand	2025	- 2106	81
Fifth Sand (gas, 2179')	2176	- 2200	24
Benson Sand (show gas, 4181')	4175	- 4185	10
Total depth		4370	

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