



New Location
 Drill Deeper
 Abandonment

SEP 21 1959

Company SOUTHEASTERN GAS CO.
 Address UNION BLDG. - CHARLESTON, W.VA.
 Farm HANNAH OSBURN
 Tract _____ Acres 20 Lease No. 2265
 Well (Farm) No. 1 Serial No. 666
 Elevation (Spirit Level) 901'
 Quadrangle ARNOLDSBURG
 County CALHOUN District SHERMAN
 Engineer JOHN W. HAMILTON
 Engineer's Registration No. 2274
 File No. _____ Drawing No. _____
 Date AUG. 16, 1959 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. Cal-368-A

+ 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.

HANNAH OSBURN No 1 (666) SOUTHEASTERN GAS CO. CAL-368-A



Lease No. 2265
Well No. 666

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Oil or Gas Well Gas

Quadrangle Arnoldsburg

Permit No. Cal-368-A

Company	Southeastern Gas Company		Casing and Tubing	Used in Drilling	Left in Well	Packers
Address	P. O. Box 2347, Charleston 28, W. Va.					
Owner	<u>Manna Osborne</u>	Acres <u>20</u>				
Location (waters)	<u>Bull River</u>		Size			
Well No.	<u>666</u>	Elev. <u>901</u>	10			Kind of Packer
District	<u>Sherman</u>	County <u>Putnam</u>	13			
Surface of tract is owned in fee by			10	9'	9'	Size of
Address			3 3/8"	300'	Pulled	
Mineral rights are owned by	<u>Manna Osborne et al</u>		3 1/2"	1050'		Depth set
Address	<u>Grantsville, W. Va.</u>		3 1/2"	1887'	Pulled	
Drilling commenced	<u>6-27-27</u>		3			Perf. top
Drilling completed	<u>7-26-27</u>		2	1794 1/2'	1794 1/2'	Perf. bottom
Rate Shot	<u>7-26-27</u>	From <u>1948</u> To <u>2013</u>	Liners Used			Perf. top
Yield	<u>25 Qts.</u>					Perf. bottom
Water Flow	<u>2</u> 10ths Water in	<u>2"</u> Inch				
	<u>10</u> ths Merc. in.					
Volume	<u>332 M</u>	Cu. Ft.	CASING CEMENTED	SIZE	No. Ft.	
Well Pressure	<u>450</u> lbs	hrs.				
		bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT	FEET	INCHES	
WELL ACIDIZED				FEET	INCHES	FEET INCHES
WELL FRACTURED				FEET	INCHES	FEET INCHES

RESULT AFTER TREATMENT
 ROCK PRESSURE AFTER TREATMENT
 Fresh Water 2 BPH - 135' Feet 2 1/2 BPH - 250 Feet Salt Water

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	8			
Bluff Sand			8	40			
Red Rock			40	100			
Black Slate			100	120			
Sand			120	140			
Red Rock			140	175			
Lime & Sand Shells			175	250			
Red Rock			250	275			
Slate			275	350			
Lime & Slate			350	400			
Red Rock			400	500			
Slate			500	590			
Red Rock			590	675			
Sand			675	700			
Red Rock			700	725			
Slate & Lime Shells			725	775			
Sand			775	788			
Slate & Shells			788	865			
Red Rock			865	885			
Slate & Shells			885	925			
Black Slate			925	940			
Pink Rock			940	950			
Big Dunkard			950	985			
White Slate & Lime Shells			985	1130			
Sand			1130	1200			
Slate			1200	1245			
1st Salt Sand			1245	1280			
Slate			1280	1308			
2nd Salt Sand			1308	1350			

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(over)

Lithology	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			1350	1362			(523)
Sand			1362	1390			
Black Slate			1390	1560			
3rd Salt Sand			1560	1612			
Slate			1612	1710			
Sand			1710	1755			
Slate			1755	1790			
Maxon Sand			1790	1810			
Slate			1810	1828			
Lime			1828	1855			
Slate			1855	1868			
Little Lime			1868	1878			
Pencil Cave			1878	1879			
Big Lime			1879	1940			
Keener Sand			1940	1948			
Big Injun Sand			1948	2013			
Total Depth			2019 (see below)				
Total Depth after Filled & Plugged			1794½ ft.				

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APPROVED _____

Owner

By _____

(Title)