

- New Location
- Drill Deeper
- Abandonment

Elev. ref: - Well No. 1, A.C. Lynch = 927'  
 Error in Closure: - Less than 1' in 200'

*W. H. Moffett*

Company Ventura Oil Company  
 Address 1029 E. 8th Ave., Denver, Colo.  
 Farm Jacob Herron  
 Tract \_\_\_\_\_ Acres 40 Lease No. \_\_\_\_\_  
 Well (Farm) No. 0104 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 987'  
 Quadrangle Glenville NE  
 County Gilmer District Glenville  
 Engineer W. H. Moffett  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date July 19, 1965 Scale 1" = 200' = 330'

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

**WELL LOCATION MAP**  
 FILE NO. 914-1756

+ 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.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 7

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Glenville  
Permit No. Gil #1756

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Ventura Oil Company  
Address 1029 E. 8th Avenue, Denver, Colo  
Farm Jacob Herron Acres 40  
Location (waters) Rt. Fork Gluck Run  
Well No. One (1) Elev. 987  
District Glenville County Gilmer  
The surface of tract is owned in fee by Roy Herron  
P.O. Box Address Glenville, W.Va  
Mineral rights are owned by J. E. Arbuckle, et al  
Kanawaha Un. Bank Address Glenville, W. Va  
Drilling commenced August 13, 1965  
Drilling completed September 2, 1965  
Date Shot From To  
With

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	41	1/2 41	1/2
10 3/4	495	495	Size of
8 5/8	803	Pulled	Depth set
6			
5 3/16			Perf. top 1780
4 1/2			Perf. bottom 1806
3			Perf. top
2			Perf. bottom
Liners Used			

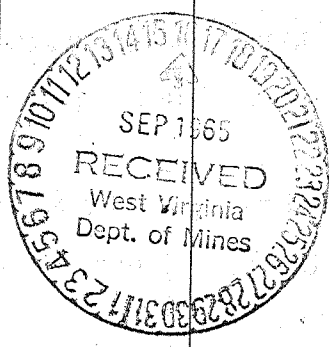
Open Flow /10ths Water in Inch  
/10ths Merc. in Inch  
Volume N T Cu. Ft.  
Rock Pressure N T lbs. hrs.  
Oil bbls., 1st 24 hrs.

Attach copy of cementing record.  
CASING CEMENTED 1863 SIZE 4 1/2 No. Ft. 9/2/65 Date  
Amount of cement used (bags) 60 sacks Hi-Alpha  
Name of Service Co. Lawson Cement  
COAL WAS ENCOUNTERED AT 365 FEET 120 INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

WELL ACIDIZED (DETAILS)  
WELL FRACTURED (DETAILS) September 8, 1965

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 1,500,000  
ROCK PRESSURE AFTER TREATMENT 690# HOURS 12  
Fresh Water 62-65 Feet Salt Water Feet  
Producing Sand Big Injun Depth

Formation	Color	Top <sup>Hard of Soft</sup>	Bottom Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sandstone		0	34				
Slate		34	57				
Sandy Lime		57	65				
Sand		65	92		H O	62-65	2 Blrs. hr.
Slate & R. R.		92	124		2		
Sand		124	135				
Red Rock		135	242				
Sandy Lime		242	284				
Red Rock & Lime		284	336				
Sandy Lime		336	355				
Slate		355	365				
Slate (see coal)		375	385				
R. R. & Shale		385	425				Coal 365-375
Lime		425	440				
Red Rock		440	445				
R/ R. & Slate		445	470				
Coal		470	473				
Sandy Lime & Shells		473	516				
Sand		516	555				
Slate & Lime		555	662				
Sand		662	692				
Slate & Shells		692	723				
Sand		723	780				
Slate & Shells		780	810				
Sand		810	889				
Slate & Shells		889	910				
Sand		910	963				
Slate & Shells		963	1005				
Sand		1005	1023		Show Gas		910-916



Formation	Color	Hard or Soft	Top $\gamma$	Bottom	Oil, Gas or Water	Depth Found	Remarks
Late & Shells			1023	1040			
and			1040	1055			
Late & Shells			1055	1088			
and			1088	1115			
Sandy Shale			1115	1227			
and			1227	1312			
and & Shale			1312	1404	Show Gas	1432	First Salt
and			1404	1438			1432 Rosedale
Sandy Shale			1438	1546			Salt Sand
and & Shale			1546	1578			
Sandy Shale			1578	1602			Maxton
lime			1602	1632	Little Gas	1639	1639
limey Slate			1632	1650			Pencil Cave
and			1650	1676			Blue Mon
lime			1676	1723			Big
Sandy Lime			1723	1752	Show Gas	1795	Keener
Sandy Shale -Lime			1752	1813			Big Injun
Sandy Shale Green			1813	1863			
				Total Depth		1863	
9/2/65	Well Log by Allegheny Nuclear Surveys:						
			Gamma Neur.	Dens-Cal	Temp	Perf	
9/2/65	Cement Ran on 1863', 41/2 J55 Casing with Steel Shoe, Guide Shoe 3 Centralizers, Insert Float.						
	Materials used: 60 sacks of Cement 2Hi-Alpha, 5 sacks of Gel						
8/65	Perforated: 1780 (3) 1794 (3) 1800 to 1806 (6)						
	Frac: Using 18,000# of 20/40 Sand. 3000 Gal of Acid 15% 500# of 812 Beads. 200,000 N						
	Avg. Inj. Rate (liq) 11		Adj. Inj. Rate (solids) 12.2				
	Avg. Press: 2093		SIP (im) 800				
	Max. Press: 3400						

Date SEPTEMBER FOURTEENTH, 19 65

APPROVED Ventura Oil Company, Owner

By A. M. van Flick, Engineer

(Title)

*A. M. van Flick*

Higgs-Johnston-Withrow, Beckley

7A  
WELL COMPLETION REPORT - GAS PURCHASE AGREEMENT NO. 6048

OSW NO. 32510

Vendor Pacific States Gas & Oil, Inc (formerly A. M van Flick)  
Lessor Jno E. Arbuckle ( Jacob Herron ) L. 22674-4 Acres 50  
Well No. 1 District Glenville, County Gilmer, W. Va.  
Date Drilling Commenced August 13, 1965  
Date Well Completed September 2, 1965  
Producing Sand Big Injun Total Depth 1863  
Original Open Flow N T MCF Original Rock Pressure N T lbs.  
Fractured, shot, or treated Frac-d Date 9/8/65  
Open Flow after treatment 1,500 MCF Rock Pressure after treatment 690 lbs. 12 h  
Approximate date when well and pipeline will be ready for meter set September 15, 1965

Classification of Well: Gas XX Oil      Combination Gas and Oil  
Well Log by Allegheny Nuclear Surveys: Gamma Neur. Dens-Cal Temp Perf

Remarks: Ran and cemented 1863' 4 1/2" i55 Casing--Steel Shoe, Insert Float-  
3 Centralizers. Used 60 sacks of H i-Alpha Cement 5 sacks of Gel 9/2/65  
9/8/65 Perf: 1780 (3) 1794 (3) 1800 to 1806 (6) Frac\_d using:  
18,000# of 20/40 Sand 3000 Gal of Acid 15% 500# of 812 Beads 200,000 N  
Avg Inj Rate (lig) 11 Avg Press: 2093 Adj Inj Rate (solids) 12.2  
Max. Press: 3400 Shut In Press: 800 IM

*A. M. van Flick*

NOTE: Vendor will complete and forward two (2) copies of this report for each well drilled within five (5) days after completion of well to:

Mr. James A. Flinn, Manager  
Land and Real Estate Department  
EQUITABLE GAS COMPANY  
420 Boulevard of the Allies  
Pittsburgh, Pennsylvania 15219

