





State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: HESS, MARY JANE ETAL Operator Well No.: HESS A-1955

LOCATION: Elevation: 1,877.00 Quadrangle: MORGANTOWN SOUTH

District: CLINTON County: MONONGALIA  
Latitude: 5650 Feet South of 39 Deg. 32Min. 30 Sec.  
Longitude 1500 Feet West of 79 Deg. 55 Min. Sec.

Company: ALAMCO, INC.  
200 W. MAIN ST., P.O. BOX 1740  
CLARKSBURG, WV 26302-1740

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4	35	-	
8-5/8	744	744	295 Ft. <sup>3</sup>
4-1/2		1951.60	194 Ft. <sup>3</sup>

Agent: MARTY L. PERRI

Inspector: RANDAL MICK  
Permit Issued: 05/14/93  
Well work Commenced: 05/20/93  
Well work Completed: 06/08/93  
Verbal Plugging \_\_\_\_\_  
Permission granted on: \_\_\_\_\_  
Rotary  Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 1972 Drlg. TD \_\_\_\_\_  
Fresh water depths (ft) 110 \_\_\_\_\_  
Salt water depths (ft) None \_\_\_\_\_  
Is coal being mined in area (Y/N)? N  
Coal Depths (ft): None \_\_\_\_\_

OPEN FLOW DATA

Producing formation 4th Sand Pay zone depth (ft) 1764-1827  
Gas: Initial open flow 120 MCF/d Oil: Initial open flow - Bbl/d  
Final open flow 492 MCF/d Final open flow - Bbl/d  
Time of open flow between initial and final tests 4 Hours  
Static rock Pressure 400 psig (surface pressure) after 48 Hours  
  
Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Reviewed \_\_\_\_\_  
Recorded \_\_\_\_\_

TMG

For: ALAMCO, INC.

JUN 25 1993

By: Richard R. Hoffman  
Date: \_\_\_\_\_

Formations: from Gamma Ray Log

<u>Top</u>	<u>Bottom</u>	<u>Type</u>
0	112	SH
112	188	SD
188	632	SH & SD
632	684	RR & SH
684	756	Big Lime
756	918	Big Injun
918	992	SH
992	1098	Weir
1098	1764	SD & SH
1764	1827	4th Sand
1827	1964	SH & SD
	1964	Log TD

Water, Coal, Gas

Water: 110'

Coals: None

Gas Checks:

1710' N/S

1840' Show

1972' Show

Perforations: 06/08/93

4th Sand (1785'- 1824') 14 Holes

Fracture: 06/03/93

Gelled Water w/N<sub>2</sub> Assist, 40,000#  
20/40; 96,000 SCF Nitrogen

12/10



RECEIVED

Permitting Section

ATTACHMENT TO:  
FORM WW-2B

MAY 13 93

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Permitting  
Office of Oil & Gas

WELL OPERATOR           ALAMCO, INC.  
OPERATOR WELL NO:     A-1955 HESS  
FILE NUMBER            47-061- 1110

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11. Proposed Well Work:

Well A-1955 will be drilled to approximately 710' KB. The 8-5/8" casing will be set at approximately 690' KB and then cemented to surface. The well will then be drilled to 1,967' KB and the 4-1/2" casing set at approximately 1967' KB. The 4-1/2" casing will be cemented to 1000' KB. The well will then be hydraulically fractured in the Fourth Sand Formation.

12. Plan for partial abandonment:

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APR 13 1993

- 1) Date: April 27, 1993
- 2) Operator's well number  
A=1955 (HESS)
- 3) API Well No: 47 - 061 - 1110  
State - County - Permit

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
  - (a) Name Mary Jane Hess  
Address Route 9, Box 88  
Morgantown, WV 26505
  - (b) Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_  
Address \_\_\_\_\_
- 6) Inspector Randall Mick  
Address 111 Blackshere Drive  
Mannington, WV 26582  
Telephone (304)- 987-3324

- 5) (a) Coal Operator:
  - Name None of Declaration
  - Address \_\_\_\_\_
- (b) Coal Owner(s) with Declaration
  - Name Mary Jane Hess
  - Address Route 9, Box 88  
Morgantown, WV 26505
  - Name \_\_\_\_\_
  - Address \_\_\_\_\_
- (c) Coal Lessee with Declaration
  - Name None of Declaration
  - Address \_\_\_\_\_

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

\_\_\_\_\_ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR  
XX Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)  
 I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through \_\_\_\_\_ on the above named parties, by:  
 \_\_\_\_\_ Personal Service (Affidavit attached)  
XX Certified Mail (Postmarked postal receipt attached)  
 \_\_\_\_\_ Publication (Notice of Publication attached)

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 I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.  
 I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.  
 I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator ALAMCO, INC.  
 By: Marty Burns  
 Its: \_\_\_\_\_  
 Address Manager, Land  
P. O. Box 1740  
Clarksburg, WV 26302-1740  
 Telephone 304 623-6671

Subscribed and sworn before me this 27<sup>th</sup> day of April, 1993  
Leslie M. Cox Notary Public  
 My commission expires December 9, 2002