

DEC 09 1994

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

19-Sep-94
 API # 47- 17-04158

**Permitting
 Office of Oil**

Well Operator's Report of Well Work

Farm name: MARTIN, HOMER JR.

Operator Well No.: FREEMAN NO. 2

LOCATION: Elevation: 1,194.00 Quadrangle: WEST UNION

District: WEST UNION County: DODDRIDGE
 Latitude: 12680 Feet South of 39 Deg. 22Min. 30 Sec.
 Longitude 4810 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: TREK, INC.

P. O. BOX 5087
 VIENNA, WV 26105-5087

Agent: EDWARD B. KIME

Inspector: MIKE UNDERWOOD
 Permit Issued: 09/22/94
 Well work Commenced: 10/1/94
 Well work Completed: 10/14/94
 Verbal Plugging
 Permission granted on: _____
 Rotary X Cable _____ Rig.
 Total Depth (feet) 5749'
 Fresh water depths (ft) _____

Salt water depths (ft) _____
 Is coal being mined in area (Y/N)? N
 Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4	129'	129'	70 sks
8-3/4	1323'	1323'	365 sks
4-1/2		5622'	225 sks

OPEN FLOW DATA

Producing formation Alexander/Benson Pay zone depth (ft) 5173-5175
 Gas: Initial open flow 1,000 + MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow _____ MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure 1500 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.

For: TREK, INC.

By: Caydace McCloskey
 Date: 12/8/94

Perforated at a depth of 5474-5494', with 14 shots. Fraced with 795 bbls 20# gel water, 95,000 SCF nitrogen gas, 10,000# 80/100 and 50,305# 20/40 sand. Formation break occurred at 2767 psi, average treatment pressure was 2946, average treatment rate was 25.09 bbls/min, ISIP 1700 psi.

Perforated second stage at a depth of 5173-5177', 16 shots. Fraced with 772 bbls 20# gel water, 90,000 SCF nitrogen gas, 10,000# 80/100, 40,742# 20/40 sand. Formation Break occurred at 2428 psi, average treatment pressure was 2560 psi, average fluid rate was 21.94 bbls/minute. ISIP 1800 psi, 5 minute shut in pressure 1472 psi.

Permian sands/shales	0	500	
Pennsylvanian shales/sands	500	2100	
Big Lime	2123	2197	
Keener Sand shale	2198	2202	
Big Injun Sand shale	2203	2204	
Weir Sand shale/siltstone	2205	2319	
Gantz Sand shale/siltstone	2320	2457	
Gordon Sand shale/siltstone	2458	2545	
Warren shale/siltstone	2546	2655	
Riley shale/siltstone	2656	2673	
Benson Sand shale/siltstone	2674	2873	
Alexander Sand shale/siltstone	2874	2911	
	2912	3525	
	3526	3576	
	3577	4713	
	4714	4760	
	4761	5170	
	5171	5177	show gas
	5178	5421	
	5422	5511	
	5512	5692	
TD		5692	

80761

SEP 06 1994

STATE OF WEST VIRGINIA

DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

017 4158

Permitting

Issued 09/22/94

Office of Oil & Gas 1044

Expire 09/22/96

Well Operator: TREK, Inc. 49660 (8)

Operator's Well Number: Freeman #2 3) Elevation: 1194

Well type: (a) Oil / or Gasx /

(b) If Gas: Production / Underground Storage / Deep / Shallow x /

Proposed Target Formation(s): Alexander / Benson 439

Proposed Total Depth: 5700' feet

Approximate fresh water strata depths: 90'

Approximate salt water depths: 1300'

Approximate coal seam depths: N/A

Does land contain coal seams tributary to active mine? Yes / No x /

Proposed Well Work: Drilling and Completion including frac.

12)

CASING AND TUBING PROGRAM

TYPE SPECIFICATIONS FOOTAGE INTERVALS CEMENT

TYPE	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11-3/4		38#	120'	120'	CTS by 38CSR18-11.3
Fresh Water						
Coal						
Intermediate	8-5/8		23#	1300'	1300'	CTS by 38CSR18-11.2.2
Production	4-1/2		10.5#	5700'	5700'	300 sks by 38CSR18-11
Tubing						
Liners						

PACKERS : Kind N/A

Sizes

Depths set

For Office of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond Agent (Type)

RECEIVED
WV Division of
Environmental Protection

1) Date: 8/29/92
2) Operator's Well number
Freeman #2
3) API Well No: 47 - 017 - 4158
State - County - Permit

19708

Permitting
Office of Oil & ~~Gas~~ STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
- (a) Name Homer Martin
Address Rt 2 Box 328A
West Union WV 26456
- (b) Name _____
Address _____
- (c) Name _____
Address _____
- 5) (a) Coal Operator:
Name N/A
Address _____
- (b) Coal Owner(s) with Declaration
Name N/A
Address _____
- Name _____
Address _____
- (c) Coal Lessee with Declaration
Name N/A
Address _____
- 6) Inspector Mike Underwood
Address Rt 2 Box 135
Sallem, WV 26426
Telephone (304) - 782-1043

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 X 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 1 on the above named parties, by: X Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
Publication (Notice of Publication attached)

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.

By: [Signature]
Its: President
Address P.O. Box 5087
Vienna, WV 26105

Telephone 304-295-8735

Subscribed and sworn before me this 30th day of

Candace D. McNeelby 10/16/2001

August OFFICIAL SEAL, 1992
NOTARY PUBLIC, STATE OF WEST VIRGINIA
CANDACE D. McNEELBY Public
503 - 41st Street
Vienna, WV 26105

My Commission Expires: October 16, 2001