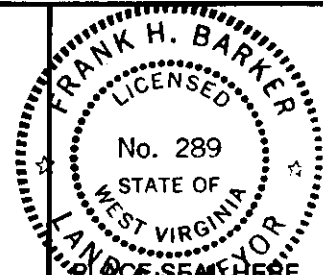


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 2000
 MINIMUM DEGREE OF ACCURACY 1:5000
 PROVEN SOURCE OF ELEVATION WELL RAL 818
PKE. NO 15 ADS EL. 2520

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.
 (SIGNED) Frank H. Barker
 R.P.E. _____ L.L.S. 289



WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WEST VIRGINIA 25143-2506



DATE AUG 6, 1997
 OPERATOR'S WELL NO. 34 BDS
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW X
 LOCATION: ELEVATION 2340 WATERSHED BRUSHY FORK
 DISTRICT MARSH FORK COUNTY RALEIGH
 QUADRANGLE DOROTHY
 SURFACE OWNER WESTERN POCAHONTAS PROPERTIES, LTD. ACREAGE 8218.47
 OIL & GAS ROYALTY OWNER TOTAL MINATOMO LEASE ACREAGE 8218.47

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION GORDON & DEV. SHALE ESTIMATED DEPTH 6000 FT.
 WELL OPERATOR PEAKE ENERGY INC. DESIGNATED AGENT TOM LIBERTORE
 ADDRESS P.O. BOX B ADDRESS PO BOX B
RAVENSWOOD, WV 26164 RAVENSWOOD, WV 26164

FORM WW-6
 HALLS INC. 068065

COUNTY NAME
 PERMIT

RECEIVED

WV Division of Environmental Protection

WR-35

8 SEP 1997
API# 47-081-01104

JAN 09 1002

STATE OF WEST VIRGINIA
Division of Environmental Protection
Section of Oil and Gas

Permitting
Office of Oil & Gas WELL OPERATOR'S REPORT of WELL WORK

Farm Name: WESTERN POCAHONTAS PROP Operator Well No.: DOROTHY SARITA 34 BDS

Location: Elevation: 2340' GL Quadrangle: DOROTHY

District: MARSH FORK County: RALEIGH
Latitude: 14950 Feet South of 37 DEG 57 MIN 30 SEC
Longitude: 4300 Feet West of 81 DEG 27 MIN 30 SEC

Company: **PEAKE ENERGY, INC.**
P. O. BOX 8
RAVENSWOOD, WV 26164

Agent: **THOMAS S. LIBERATORE**

Inspector: **RODNEY DILLON**

Permit Issued: 09/08/97

Well Work Commenced (spud): 09/30/97

Well Work Completed (T.D.): 10/09/97

Verbal Plugging

Permission Granted on:

Rotary X Cable Rig

Total Depth (feet): 5934

Fresh Water Depths (feet):

1/2" STREAM@1645

Salt Water Depths (feet):

2" STREAM@3058

Is coal being mined in the area? no

Coal Depths (ft): 60,105,150,190,330,350,450,
565,760,1035,1458

Casing & Tubing (Size-O.D.)	Used in Drilling (feet)	Left in Well (feet)	Cement Type (sacks)
9 5/8	24	24	3 SX
7	2450	2450	364 SX CLASS A
4 1/2	5878	5878	98 SX CLASS C

OPEN FLOW DATA

Producing formation SHALE* Pay zone depth (ft) 5156-5728
 Gas: Initial open flow n/a MCF/D Oil: Initial open flow 0 BBL/D
 Final open flow 1.7 MMCF/D Final open flow 0 BBL/D
 Time of open flow between initial and final tests n/a Hours
 Static rock pressure 850 psig (surface pressure) after 24 Hours
WEIR* 3586-3608
 2nd producing form. GORDON* Pay zone depth (ft) 4250-4260
 Gas: Initial open flow n/a MCF/D Oil: Initial open flow n/a BBL/D
 Final open flow n/a MCF/D Final open flow n/a BBL/D
 Time of open flow between initial and final tests n/a Hours
 Static rock pressure n/a psig (surface pressure) after n/a Hours
 *OPENFLOWS & ROCK PRESSURES ARE COMBINED

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 GEOLOGIC RECORD OF ALL FORMATIONS, INCLUDING COAL, ENCOUNTERED BY THE WELLBORE.

For: PEAKE ENERGY, INC.

By: Thomas S. Liberatore, General Manager

Date: December 9, 1997

JAN 10 1998

WR-35
(Reverse)

API / Permit 47-081-01104
Peake Well 34 BDS
Elevation: 2340' GL

DETAILS OF PERFORATING, FRACTURING, OR PHYSICAL CHANGE, ETC.

SHALE PERFS SINGLE(FT) 5156,5187(DIDNT GO) ,5198,5212,5231,5239,5271,5432,5446,5458(DIDNT GO)
5464,5468,5506,5512,5581,5627,5632,5658,5662,5670,5694,5698,5708,5724,
5733,5737,5747,5779,5784,5804
DOUBLE(FT)5152,5182,5203,5244,5277,5428(DIDNT GO), 5442,5577,5666,5728.
FRAC BDP=2591psi. MAX PRESS=2804psi. ATP=2375psi. TOTAL N2=1,427,990SCF.
TOTAL SAND=65,173#. FLUID=228 BBL
GORDON PERFS(FT)4250-4260=34 HLS TOTAL. FRAC--BDP=2140psi. MAX PRESS=2140psi.ATP=1650psi.
TOTAL N2=410,933SCF. TOTAL SAND=50,837#. FLUID=219 BBL.
WEIR PERFS(FT)3602-3608=24 HLS. 3586-3596 20 HLS.
FRAC BDP=1740psi. MAX PRESS=1882psi. ATP=1700psi. TOTAL N2=370,257SCF.
TOTAL SAND=44,000#. FLUID=185 BBL

WELL LOG

ROCK TYPE OR FORMATION NAME	TOP	BOTTOM	REMARKS
SANDY SHALE	0	1416	
SALT SANDS	1416	2122	
SHALE	2122	2168	
SANDY SHALE	2168	2483	
AVIS LIME	2483	2516	
SHALE	2516	2645	
MAXTON SAND	2645	2777	
SHALE	2777	2957	
UNLS	2957	2974	
LOWER MAXTON	2974	3066	
SHALE	3066	3071	
LITTLE LIME	3071	3126	
BLUE MONDAY			
PENCIL CAVE	3126	3150	
BIG LIME (GREENBRIER)	3150	3478	
BIG INJUN SAND			
POCONO SHALE	3478	3587	
WEIR	3587	3760	
SHALE	3760	3970	
BEREA SAND	3970	4010	
SANDY SHALE	4010	4246	
GORDON SAND	4246	4266	
SHALE	4266	5150	
BROWN SHALE(LOWER HURON)	5150	5848	
JAVA SHALE	5848	TD	
TOTAL DEPTH (LOGGERS')	5934		
TOTAL DEPTH (DRILLERS')	5955		

**STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION**

24198

Well Operator: PEAKE ENERGY, INC. (37085) (2) 325

Operator's Well Number: Dorothy Sarita #348DS 3) Elevation: 2340

Well type: (a) Oil ___ / or Gas X / *Issued 09/08/97*
 (b) If Gas: Production X / Underground Storage ___ / *Expires 09/08/99*
 Deep ___ / Shallow X /

Proposed Target Formation(s): Gordon and Devonian Shale

- 6) Proposed Total Depth: 6000 feet
- 7) Approximate fresh water strata depths: 164'
- 8) Approximate salt water depths: ?616', 2072'
- 9) Approximate coal seam depths: ?186', 204, 376, 624
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No ___ /
- 11) Proposed Well Work: To drill a new well; stimulate by fracturing

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS			CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor						
Fresh Water	9-5/8"	—	32#	250'	250'	38CSR/A/1.3
Coal	7"	J-55	20#	2500"	2500'	38CSR/A/1.2.2
Intermediate	4-1/2"	J-55	10.5#	6000'	6000'	38CSR/A/1.1
Production						
Tubing						
Liners						

PACKERS : Kind _____
 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)

4819

8

1) Date: August 18, 1997
2) Operator's well number
Dorothy Sarita No. 34BDS
3) API Well No: 47 - 081 - 1104
State County Permit

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS**

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served: 5) (a) Coal Operator:
- (a) Name Western Pochantas Properties Name Marfork Coal Company, Inc.
Address Limited Partnership Address P O Box 457, Whitesville, WV 25209
PO Box 2827, Huntington, WV 25727-2827
- (b) Name _____ (b) Coal Owner(s) with Declaration
Address _____ Name Same as surface owner
Address _____
- (c) Name _____ Name _____
Address _____ Address _____
- 6) Inspector Rodney Dillon (c) Coal Lessee with Declaration
Address PO Box 131 Name Black King Mine Development
Bradley, WV 25818-0131 Address P O BNox 750
Telephone (304)- 543-0769 Dunbar, WV 25064

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**

_____ Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 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)
 Certified Mail (Postmarked postal receipt attached)
_____ Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 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 Peaks Energy, Inc.
By: [Signature]
Its: General Manager
Address P O Box 8
Ravenswood, WV 26164
Telephone 305/273-5371

Subscribed and sworn before me this 18th day of August, 1997

My commission expires 6-11-2000

