

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1"=1000'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200  
 PROVEN SOURCE OF ELEVATION USGS BM  
 ELEV. 1191 ~ 4400 EAST OF LOCATION

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 MINES.

(SIGNED) Carrell R. Boice  
 R.P.E. \_\_\_\_\_ L.L.S. 667

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE APRIL 2, 19 89  
 OPERATOR'S WELL NO. 763-Rev.  
 API WELL NO. \_\_\_\_\_  
47-105-1284  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP X SHALLOW \_\_\_  
 LOCATION: ELEVATION 1071.6 WATER SHED SANDY RUN  
 DISTRICT TUCKER 7 COUNTY WIRT  
 QUADRANGLE ROCKPORT 7 1/2 Belleville SE  
 SURFACE OWNER RICHARD BOICE ACREAGE 159#  
 OIL & GAS ROYALTY OWNER RICHARD BOICE ET AL LEASE ACREAGE 159#  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION NEWBURG ESTIMATED DEPTH 6350' attempt @ Newburg (new pool) extends orick prod.  
 WELL OPERATOR PEAKE ENERGY INC DESIGNATED AGENT JOHN McCALLISTER  
 ADDRESS P.O. Box 8 ADDRESS P.O. Box 8  
RAVENSWOOD, WV 26164 1012 RAVENSWOOD, WV 26164

WR-**RECEIVED**  
FEB 23 1990

06-Nov-89  
API # 47-105-01284

State of West Virginia  
DEPARTMENT OF ENERGY  
Division of Oil and Gas

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY  
Well Operator's Report of Well Work

Farm name: BOICE, RICHARD Operator Well No.: PKE-763-REV.

LOCATION: Elevation: 1071.60 Quadrangle: ROCKPORT

District: TUCKER County: WIRT  
Latitude: 5350 Feet South of 39 Deg. 2 Min. 30 Sec.  
Longitude 680 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: PEAKE ENERGY, INC  
P. O. BOX 8  
RAVENSWOOD, WV 26164-0000

Agent: JOHN V. McCALLISTER

Inspector: DEO MACE  
Permit Issued: 11/06/89  
Well work Commenced: 11/24/89  
Well work Completed: 12/18/89  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary X Cable \_\_\_\_\_ Rig  
Total Depth (feet) 6390 ft (Newburg)  
Fresh water depths (ft) \_\_\_\_\_  
none recognized  
Salt water depths (ft) 2200, 6155

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): none reported

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			300
13-3/8"	256'	256'	sks
8-5/8"	2377'	2377'	175
			sks
5-1/2"	6281'	6281'	145
			sks
*2-3/8"	6390'	0'	


\* drilled out from under 5-1/2" csg. using 4-3/4" bit on 2-3/8" tbg.

OPEN FLOW DATA

Producing formation Oriskany Pay zone depth (ft) 5499-5530  
Gas: Initial open flow 130 MCF/d Oil: Initial open flow 1 Bbl/d  
Final open flow 55 MCF/d Final open flow 1/2 Bbl/d  
Time of open flow between initial and final tests 36 Hours  
Static rock Pressure 1800 psig (surface pressure) after 72 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: PEAKE ENERGY, INC

By: John V. McCallister  
Date: 2/20/90

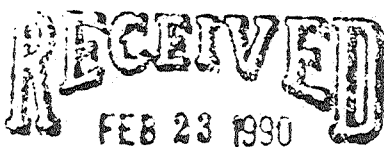
MAR 05 1990

FORM WR-35  
(Reverse)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

- 12/18/89 Drilled Newburg Sand and found it to be tight
- 1/11/90 Placed 50 sx cement over Newburg horizon and set permanent mechanical plug in 5-1/2" csg. at 5710 ft.
- 1/12/90 Perforated Oriskany Sand from 5499 to 5529 using 28 holes.
- 1/16/90. Acidized Oriskany using 2000 gal. 28% HCL acid. BDP = 1975 psig. ISIP = 3117 psig. 5 min. SI = 2419 psig.

WELL LOG

FORMATION	TOP	BOTTOM	REMARKS
Shale and Siltstone	0	366	 DIVISION OF OIL & GAS DEPARTMENT OF ENERGY  49.9 MCF (natural)  H <sub>2</sub> S gas & water @ 6150-60 ft.  Tight/No porosity; No oil, gas, or water
and	366	394	
Shale and Siltstone	394	936	
and	936	1000	
Shale	1000	1442	
and Shale	1442	1873	
Shale	1873	2044	
Silt Sands	2044	2306	
Shale	2306	2645	
Shale (Sunbury)	2645	2661	
Area Horizon	2661	--	
Shale	2661	3902	
Shale (Huron)	3902	4574	
Shale	4574	5356	
Shale (undifferentiated)	5356	5496	
Oriskany Sand	5496	5554	
Shale (undifferentiated)	5554	5750	
Shale (undifferentiated)	5750	6360	
Shale (undifferentiated)	6360	6368	
Shale (undifferentiated)	6368	6390	
Total Depth	6390		

105-1284

Issued 11/06/89 Page      of     

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
 WELL WORK PERMIT APPLICATION

- 1) Well Operator: 1012 Peake Energy, Inc. - 37055 (7) 532
- 2) Operator's Well Number: PKE - 763 Revised      3) Elevation: 1071.6
- 4) Well type: (a) Oil    / or Gas X /  
 (b) If Gas: Production X / Underground Storage    /  
 Deep X / Shallow    /
- 5) Proposed Target Formation(s): 535 Newburg (Silurian Williamsport)
- 6) Proposed Total Depth: 6350 feet
- 7) Approximate fresh water strata depths: Not known; no wells near by
- 8) Approximate salt water depths: 2000' 1620, 1936, 2116
- 9) Approximate coal seam depths: none reported
- 10) Does land contain coal seams tributary to active mine? Yes    / No X /
- 11) Proposed Well Work: To drill a new well; stimulate by fracturing open-hole.

**RECEIVED**  
 NOV 02 1989

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)	
Conductor					38CSP18-113	
Fresh Water	11 3/4	--	42	250'	250'	cement to surface
Coal						38CSP18-11.2.2
Intermediate	8 5/8	J-55	24	2300'	2300'	150 sx
Production	5 1/2	J-55	15.5	6325'	6325'	100 sx
Tubing						38CSP18-111
Liners						

9821

~~XXXXX~~ : ~~XXXXX~~ \* Production casing set approx. 25' above Newburg Sand.  
~~XXXXX~~ Then complete well open-hole.  
~~XXXXXXXXXX~~

For Division of Oil and Gas Use Only

Fee(s) paid:    Well Work Permit    Reclamation Fund    WPCP  
 Plat    WW-9    WW-2B    Bond Blanket Due    Agent  
 (Type)

1741

RECEIVED  
NOV 02 1989

Page 1 of \_\_\_\_\_  
Form WW2-A  
(09/87)  
File Copy

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

1)  
2)  
3)

Date: November 1, 1989  
Operator's well number  
PKE 763  
API Well No: 47 - 105 - 1284  
State - County - Permit

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 Richard Boice  
Address Rt. 1, Box 103  
Elizabeth, WV 26143  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Leo Mace  
Address Rt. 1, Box 5  
Sandridge, WV 25274  
Telephone (304)- 655-7398

5) (a) Coal Operator:  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
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  
 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)
- 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.

Well Operator PEAKE ENERGY, INC.  
By: John V. McAttister  
Its: Operation Mgr  
Address P. O. Box 8  
Ravenswood, WV 26164  
Telephone 273-5371

Subscribed and sworn before me this 1 day of Nov, 1989

Steph W Kelly Notary Public  
My commission expires 09/28, 1993