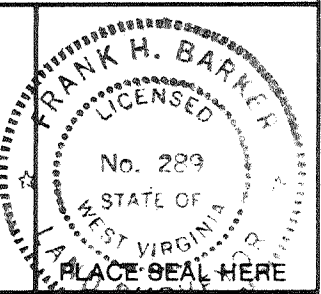


N70°45E 186 To 24°ND
 S52°05E 162 To 12°RO
LOCATION REFERENCE
 (+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500 FT
 MINIMUM DEGREE OF ACCURACY 1' : 200
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION
ELEV. 624

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



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

DATE APR. 22 1995
 OPERATOR'S WELL NO. PKB 786
 API WELL NO. 47-035-02315

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP X SHALLOW ___

LOCATION: ELEVATION 782 WATER SHED TRACE FORK
 DISTRICT RAVENSWOOD COUNTY JACKSON
 QUADRANGLE RIPLEY 45C

SURFACE OWNER ROBERT RICHARDSON ACREAGE 96.5
 OIL & GAS ROYALTY OWNER ROBERT RICHARDSON ETAL LEASE ACREAGE 96.5
 LEASE NO. _____

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 BEREA, SHALE, ORISKANY ESTIMATED DEPTH 5200 FT.

WELL OPERATOR PEAKE ENERGY INC. DESIGNATED AGENT TOM LIBERATORE
 ADDRESS P.O. BOX 8 ADDRESS P.O. BOX 8
RAVENSWOOD, WV 26164 6-6 172 RAVENSWOOD, WV 26164

FORM WW-6
 HALLS, INC. 068905

COUNTY NAME
 PERMIT

RECEIVED
OFFICE OF OIL AND GAS

NOV 02 1995

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

WV Division of
Environmental Protection

Well Operator's Report of Well Work

Farm Name: RICHARDSON ROB'T & WILMA Operator's Well No.: PKB-786

Location: Elevation: 782.00 Quadrangle: RIPLEY
District: RAVENSWOOD County: JACKSON

Latitude: 2600 feet south of 38 Deg. 52 Min. 30 Sec.
Longitude: 6300 feet west of 81 Deg. 37 Min. 30 Sec.

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

Agent : Thomas S. Liberatore

Inspector: GLEN ROBINSON
Permit Issued: 06/05/95
Well Work Commenced: 08/21/95
Well Work Completed: 08/30/95

Verbal Plugging
Permission granted: _____
Rotary: X Cable: _____ Rig
Total Depth (ft): 5231'
Fresh Water Depths: _____
?Pittsburgh sand:596-665'
Salt Water Depths: _____
2050'

Is Coal being mined ? No
Coal Depths: none found

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fillup (sx)
9 5/8	281	281	130 Class A
7	2333	2333	400 Class A
4 1/2	5174	5174	205 Pozmix

OPEN FLOW DATA

Producing Formation Berea Sandstone Pay Zone Depth: 2464-2468
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 (surf. pressure) after -- Hours

2nd Producing Form: Devonian Shale Pay Zone Depth: 3829-4279
Gas: Initial open flow -- Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 1,070* Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 32 Hours
Static rock pressure 1025* psig (surf. pressure) after 72 Hours
*Rock pressures & open-flows are combined.

NOTE: Details of Fracturing, Perforating, & Well Log on Back.


For: PEAKE ENERGY, INC.

By: Thomas S. Liberatore, General Manager
Date: October 31, 1995

NOV 13 1995

FORM WR-35
(Reverse)

PERMIT #: 47-035-2315
CO. WELL #: PKB-786
ELEVATION: 782 GL, 792 KB

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

- 9-27-95: Perforate the Oriskany Sand from 5122-34 with 32 holes. Fractured the Oriskany using 35,000# sand, and 491 BBL of 20# cross-link gel.
NO OIL, GAS, OR WATER RECOVERED FROM ORISKANY.
- 10-3-95: Set permanent plug at 4310'. Perforated the Brown Shale from 3829-4279 using 40 holes.
Foam-frac'd the Shale using 60,081# of sand, 209 BBL of fluid, and 1,531,000 SCF of nitrogen. Perf'd the Berea from 2464-68 using 24 holes. Foam-frac'd the Berea using 46,247# sand, 193 BBL of fluid, and 512,686 SCF of nitrogen.

WELL LOG (all depths taken from KB)

ROCK TYPE OR FORMATION	TOP	BOTTOM	REMARKS
SHALE	0	454	
SAND	454	486	
SHALE	486	596	
PITTSBURGH SAND	596	665	
SHALE	665	1403	
SAND	1403	1491	
SHALE & SAND	1491	1757	
SALT SANDS	1757	1952	
BIG LIME (GREENBRIER)	1952	1995	
SHALE	1995	2042	
BIG INJUN SAND	2042	2098	
SHALE	2098	2440	
COFFEE SHALE (SUNBURY)	2440	2464	
BEREA SAND	2464	2469	S/GAS
SHALE	2469	3697	
BROWN SHALE (LOWER HURON)	3697	4280	S/GAS @ 3868
SHALE (JAVA)	4280	4660	4075
BLACK SHALE (RHINESTREET)	4660	4974	
ONONDAGA LIMESTONE	4974	5084	
ORISKANY SANDSTONE	5084	5160	S/GAS
HELDERBERG LIME	5160	5232	
TOTAL DEPTH	5232		

035-2315

Issued 06/05/95

FORM WW-2B MAY 25 1995

Page of

Expires 06/05/97

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
Office of Oil & Gas
WELL WORK PERMIT APPLICATION

20668

- 1) Well Operator: PEAKE ENERGY, INC. (37085) (2) 578
- 2) Operator's Well Number: PKB #786 3) Elevation: 782
- 4) Well type: (a) Oil / or Gas X /
(b) If Gas: Production X / Underground Storage /
Deep X / 475 Shallow /
- 5) Proposed Target Formation(s): Berea, Shale, Oriskany
- 6) Proposed Total Depth: 5200 feet
- 7) Approximate fresh water strata depths: ?base of Pittsburgh @
- 8) Approximate salt water depths: 1800, 1980
- 9) Approximate coal seam depths: none present
- 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
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT*
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor						3800/11.3
Fresh Water	9-5/8"		32#	250'	250'	cmt to surface
Coal						3800/11.22
Intermediate	7"		20#	2175'	2175'	cmt to surface
Production	4-1/2"	N-80	11.6#	5200'	5200'	+200 sx
Tubing						3800/11.1
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

301726
28

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

RECEIVED

WV Division of Environmental Protection

MAY 25 1995

Page 1 of _____
Form WV2-A
(09/87)
File Copy

- 1) Date: 05-05-95
- 2) Operator's well number PKB #786
- 3) API Well No: 47 - 035 - 2315
State - County - Permit

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 Robert & Wilma Richardson
Address Rt. 2, Box 231
Summersville, WV 26651
- (b) Name _____
Address _____
- (c) Name _____
Address _____
- 6) Inspector Glen P. Robinson
Address Box 1
Belleville, WV 26133
Telephone (304)- 863-8766

- 5) (a) Coal Operator:
Name _____
Address _____
- (b) Coal Owner(s) with Declaration
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
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 _____ on the above named parties, by:
X 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 PEACE ENERGY, INC.
By: Thomas J. [Signature]
Its: General Manager
Address PO Box 8
Ravenswood, WV 26164
Telephone 273-5371

Subscribed and sworn before me this 5 day of May, 19 95

Stephen W. Kelly
My commission expires October 28, 2003 Notary Public



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506

June 1, 1995

Division of Environmental Protection
Office of Oil and Gas
Nitro, West Virginia

Re: Application for Permit #47-035-02315 to drill deep well.

COMPANY: PEAKE ENERGY, INC.

FARM: Robert Richardson PKB 786

COUNTY: Jackson DISTRICT: Ravenswood QUAD: Ripley

The application of the above company is Approved for Oriskany.
(Approved or Disapproved)

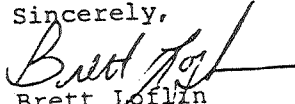
Applicant has complied with the provisions of Chapter twenty-two, eight (22-8), of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

1.) Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owner; **yes**

2.) Provided a tabulation of all deep wells within one mile of the proposed location, including the Api number of the deep well, well name, and the name and address of operator and; ***yes**

3.) Provided a plat showing that the proposed location is a distance of 425 feet from the nearest unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,


Brett Lofflin
Engineer III

*1,500 feet to 47-035-01943PP
4,200 feet to 47-035-00309

3,100 feet to 035-00305