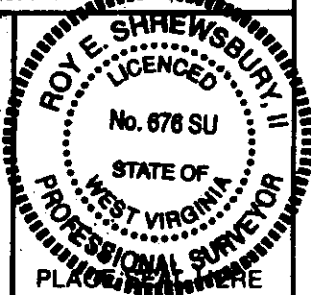


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. POC-90-003
 DRAWING NO. 90-03
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 IN 5000
 PROVEN SOURCE OF ELEVATION USGS BM 917

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) [Signature]
 R.P.E. _____ L.S. 676 SU



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



DATE JULY 24, 1990
 OPERATOR'S WELL NO. 7A
 API WELL NO. 47-005-01522P

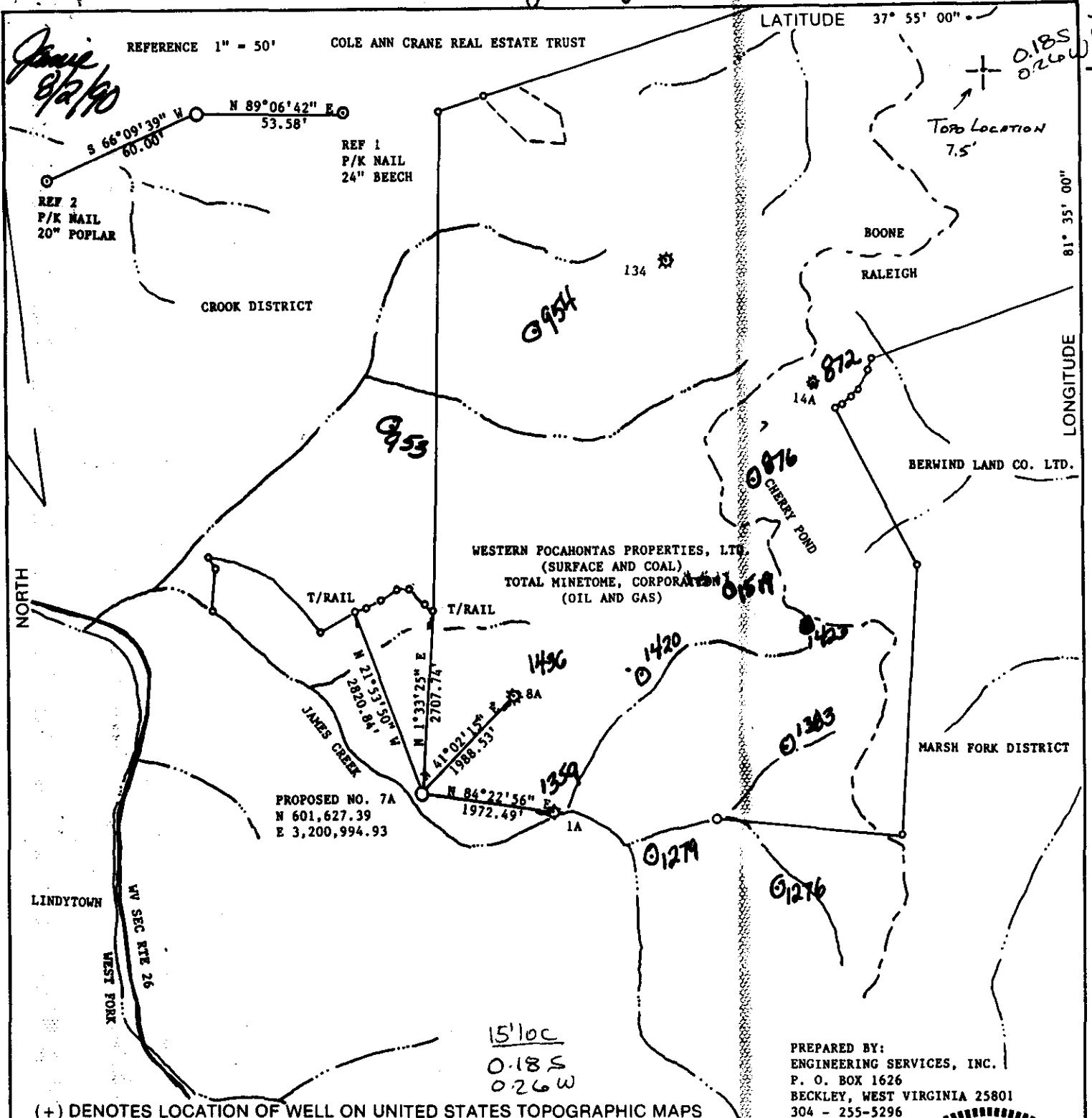
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1286.81 WATERSHED JAMES CREEK OF WEST FORK
 DISTRICT CROOK COUNTY BOONE
 QUADRANGLE WHITESVILLE 7.5'
 SURFACE OWNER WESTERN POCAHONTAS PROPERTIES, LTD ACREAGE 2702.07
 OIL & GAS ROYALTY OWNER TOTAL MINETOME, CORP. LEASE ACREAGE 2702.07
 LEASE NO. _____

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY):
Well drilled in 1990 to 3232' production from Berea, Beifone & Wair.
 PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION _____ ESTIMATED DEPTH 3260

WE ADI Peake Operating Company
 P.O. Box 8
 Ravenswood, wva. 26164-0008
 DESIGNATED AGENT _____
 ADDRESS _____
 Thomas Liberatore
 Same Address
 OCT 10 1990

FORM WW-6
 HALLS, INC.

BOONE COUNTY NAME
 PERMIT 1522

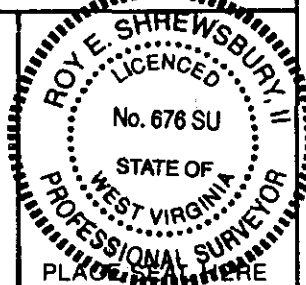


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. POC-90-003
DRAWING NO. 90-03
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1 IN 5000
PROVEN SOURCE OF ELEVATION USGS BM 917

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) [Signature]
R.P.E. _____ L.L.S. 676 SU



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE JULY 24, 1990
OPERATOR'S WELL NO. 7A
API WELL NO. 47-005-1522

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

LOCATION: ELEVATION 1286.81 WATERSHED JAMES CREEK OF WEST FORK
DISTRICT CROOK COUNTY BOONE
QUADRANGLE WHITESVILLE 7.5' Bald Knob C

SURFACE OWNER WESTERN POCAHONTAS PROPERTIES, LTD ACREAGE 2702.07
OIL & GAS ROYALTY OWNER TOTAL MINETOME, CORP. LEASE ACREAGE 2702.07

PROPOSED WORK: DRILL 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 _____ ESTIMATED DEPTH 3260
WELL OPERATOR PEAKE OPERATING COMPANY DESIGNATED AGENT _____
ADDRESS 1401 CNB PLAZA ADDRESS 1401 CNB PLAZA
CHARLESTON, WV 25301 66A CHARLESTON, WV 25301

AUG 10 1990

6-6 Hopkins Fork - Jarrolds Valley (247)

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

RECORDED
Division of Energy

JAN 09 91

Permitting
Oil and Gas Section

Well Operator's Report of Well Work

Farm Name: WESTERN POCAHONTAS PROP.

Operator's Well No: EUNICE 7-A

LOCATION: Elevation: 1286.81

Quadrangle: WHITESVILLE

District: CROOK
Latitude: 950
Longitude: 1400

County: BOONE
Feet South of 37 Deg. 55 Min. 0 Sec.
Feet West of 81 Deg. 35 Min. 0 Sec.

Company: PEAKE OPERATING COMPANY
1401 CHARLESTON NAT'L PLAZA
CHARLESTON, WV 25301

Agent: Thomas S. Liberatore

Inspector: JERRY HOLCOMB
Permit Issued: 08/10/90
Well work Commenced: 09/21/90
Well work Completed: 09/30/90
Verbal Plugging
Permission granted on: N/A
Rotary X Cable Rig
Total Depth (feet) 2332' KB
Fresh water depths (ft) 43'

Salt water depths (ft) _____
None reported
Is coal being mined in area (Y/N)? N
Coal depths (ft): 170'- 174

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill U ₂ Cu. Ft
12 3/4"	21'	21'	CTS
9 5/8"	398'	398'	160 Sk.
7"	801'	801'	140 Sk.
4 1/2"	3285'	3285'	80 Sk.
2 3/8"		2858'	

OPEN FLOW DATA

Producing formation Berea Pay zone depth (ft) 3233-3238KB
Gas: Initial open flow 0/58 Mcf/d Oil: Initial open flow 0 bbl/d
Final open flow 94/1287 Mcf/d Final open flow 0 bbl/d
Time of open flow between initial and final tests _____ Hour
Static rock Pressure 810 psig (surface pressure) after _____ Hour

Second producing formation Weir Pay zone depth (ft) 2853-287
Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 bbl/d
Final open flow 381 Mcf/d Final open flow 0 bbl/d
Time of open flow between initial and final tests 46 hr a/frac Hour
Static rock Pressure _____ psig (surface pressure) after _____ Hour

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERNALS, 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 WELL BORE.

Third production information:
Big Lime 2660-2669
IOF 58 MCFD, FOF 812m (Net)
Commingled B. Lime & Weir
1,200 MCFD after running tubing

Thomas S. Liberatore JAN 11 1991
For: PEAKE OPERATING COMPANY
By: Thomas S. Liberatore/Operations Man.
Date: 1-8-91

JAN 11 1991

RECEIVED

JUL 25 1990

FORM WW-2B

005-1522
Shred 8/10/90
Page 3 of 8
Expires 8/10/92

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

- 1) Well Operator: Peake Operating Company 37100 (1) 676
- 2) Operator's Well Number: Eunice 7-A 3) Elevation: _____
- 4) Well type: (a) Oil ___ / or Gas XX
(b) If Gas: Production XX Underground Storage ___
Deep ___ Shallow XX
- 5) Proposed Target Formation(s): Berea
- 6) Proposed Total Depth: 3260 feet
- 7) Approximate fresh water strata depths: 350' KB
- 8) Approximate salt water depths: 630' KB
- 9) Approximate coal seam depths: 100, 300 KB
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No XX
- 11) Proposed Well Work: Drill and stimulate New Well
- 12)

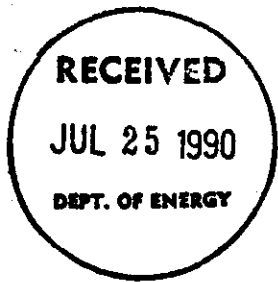
CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	16	H-40	65#	30	30	CTS
Fresh Water	9 5/8	H-40	32#	350	350	CTS 88CSR18-11-3
Coal	13 3/8	H-40	43#	150	150	CTS 88CSR18-11-2-2
Intermediate	7	J-55	17#	740	740	88CSR18-11-2-2
Production	4 1/2	J-55	9.5#	3250	3250	88CSR18-11-1
Tubing	2 3/8					
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

8) 39
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond surety Blanket Agent
(Type)



1) Date: July 2, 1990
2) Operator's well number Eunice 7-A
3) API Well No: 47 - 005 - 1522
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 Western Pocahontas Prop.
Address Box 2827 Lmt. Ptshp.
Huntington, WV 25727
(b) Name ATTN: David T. Morrison
Address _____
(c) Name _____
Address _____

5) (a) Coal Operator:
Name Peabody Coal ATTN: Gary Halstead
Address Box 1233
Charleston, WV 25324
(b) Coal Owner(s) with Declaration
Name Western Pocahontas Prop. Lmt. Ptshp.
Address Box 2827
Huntington, WV 25727
Name ATTN: David T. Morrison
Address _____

6) Inspector Jerry Holcomb
Address Rt. 2 Box 159 Hwy#34
Hamlin, WV 25523
Telephone (304)- 824-5963

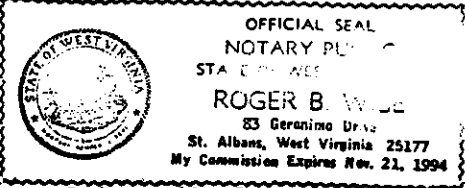
(c) Coal Lessee with Declaration
Name Primeacre Land Corp. ATTN: Tim Comer
Address 7012 MacCorkle Ave. SE
Charleston, WV 25304

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)

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 Operating Company
By: Thomas J. [Signature]
Its: Operations Manager
Address 1401 Charleston National Plaza
Charleston, WV 25301
Telephone (304) 342-6970

Subscribed and sworn before me this 20 day of July, 1990

[Signature] Notary Public
My commission expires Nov. 21, 1994

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

Perforated Berea 3233'-3238' = 20 holes. 75 quality foam frac--down hole rate 20 bbls./min.. Used 500 gal. 15% acid, 458,000 SCFN , 247 bbls. water. BDP 2958#, ATP 2121#, ISIP 1706#, 15 min. SIP 1377#. Berea under solid plug. Perforated Weir from 2853'-2878' - 28 holes. Set solid plug. Fraced Weir with 75 Q foam: down hole rate 28 bbls./min., 500 gal. 15% acid, 64,000# 20/40 sand, 620,000 SCFN , 280 bbls. water. BDP 2338#, ATP 2196#, ISIP 1800#, 15 min. SIP 1455#. Set BN Plug. Perforated Big Lime from 2660'-2669' - 22 holes. Set Baker BN plug at 2700'. Used 500 gal. 28% acid, 8,000 gal. 15% jelled acid, 145 bbls. fresh water flush, 165,000 SCFN , BDP 1500#, ATP 2500#, ISIP 2300#, 15 min. SIP 2000#.

WELL LOG

FORMATION TYPE	TOP FEET	BASE FEET	REMARKS (water, coal, oil, gas)
Sand and Shale	0	131	
Shale	131	170	<u>Fresh Water</u>
Coal	170	174	@ 43'
Shale	174	760	
Sand	760	795	
Shale	795	856	<u>Salt Water</u>
Sand	856	1043	None reported
Shale	1043	1060	
Sand	1060	1120	
Shale	1120	1143	
*Sand	1143	1466	
*Shale	1466	1494	<u>Gas Checks</u>
*Sand	1494	1549	1913 No show
*Shale	1549	1606	2069 No show
*Sand	1606	1649	2315 No show
*Sand and Shale	1649	1825	2532 No show
*Avis Lime	1825	1852	2718 58 MCFD
*Shale	1852	1881	2841 63 MCFD
*U. Maxton Sand	1881	1934	3114 51 MCFD
*Shale	1934	1960	3237 52 MCFD
*M. Maxton Sand	1960	2061	TD 26 MCFD
*Shale	2061	2118	
*L. Maxton Sand	2118	2330	
*Shale	2330	2344	
*Big Lime	2344	2700	
*Snady Shale	2700	2848	
*Lower Wier Sand	2848	2885	
*Sandy Shale	2885	3221	
*Berea Sand	3221	3240	
*Shale	3240	TD	
	DTD	3332'	
	LTD	3325'	
		(KB)	

* - INDICATES ELECTRIC LOG TOPS

ALL DEPTHESES AT KB (5' above G.L.)

110011