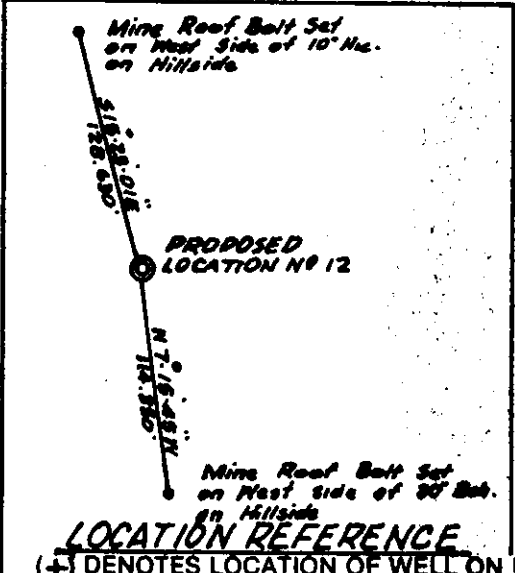
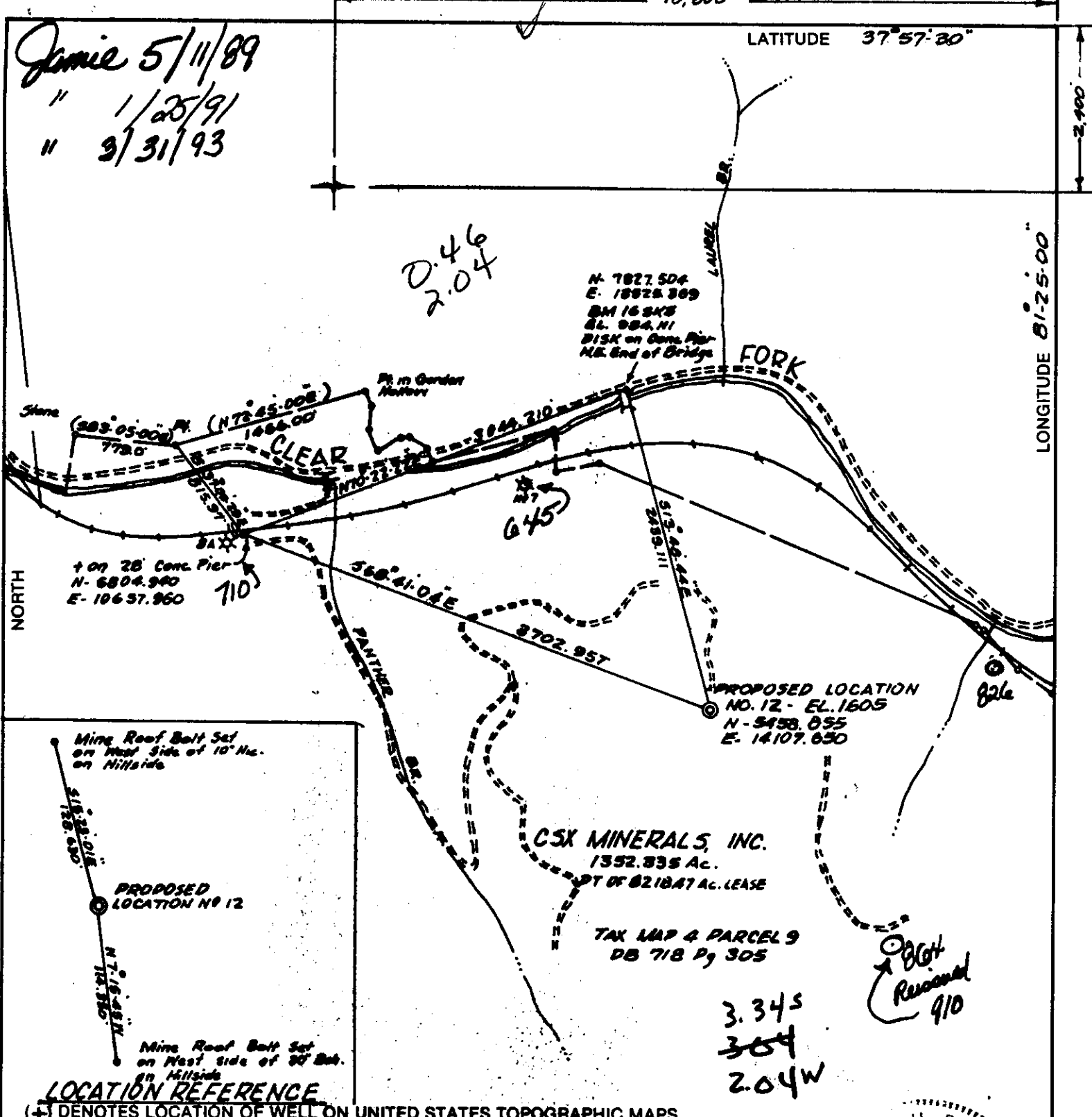


Janie 5/11/89  
 " 1/25/91  
 " 9/31/93

LATITUDE 37° 57' 30"

LONGITUDE 81° 52' 18"



CSX MINERALS, INC.  
 1352.335 Ac.  
 PT OF 821847 AC. LEASE

TAX MAP 4 PARCEL 9  
 DB 718 Pg 305

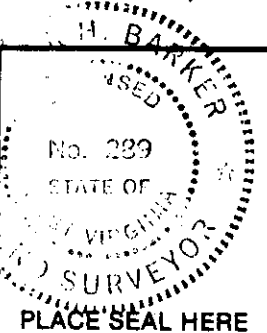
3.345  
 304  
 2.04W

826  
 826  
 910

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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1"=1000'  
 MINIMUM DEGREE OF ACCURACY 1:5000'  
 PROVEN SOURCE OF ELEVATION BM SKS EL. 984  
Shown Above

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 W. Barker  
 R.P.E. \_\_\_\_\_ L.L.S. 289



**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION

DATE MAR. 20 19 89  
 OPERATOR'S WELL NO. 12 Dorothy 805  
 API WELL NO. 47-081-0944

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

LOCATION: ELEVATION 1605 WATER SHED CLEAR FORK  
 DISTRICT CLEAR FORK COUNTY RALEIGH  
 QUADRANGLE DOROTHY ELLIOTT NW

SURFACE OWNER WESTERN POCAHONTAS ACREAGE 1352.33  
 OIL & GAS ROYALTY OWNER CSX MINERALS INC. LEASE ACREAGE 8218.47  
 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) \_\_\_\_\_

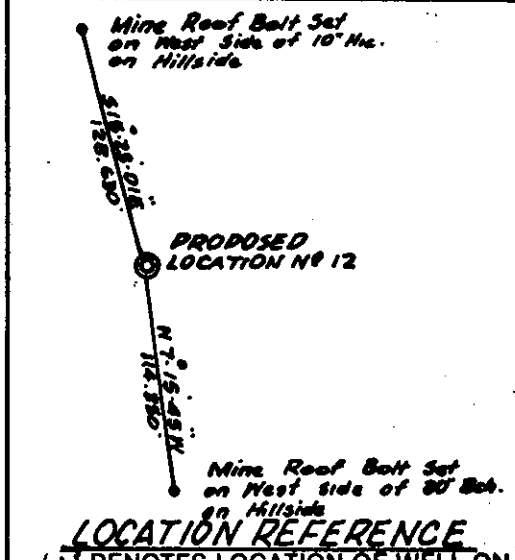
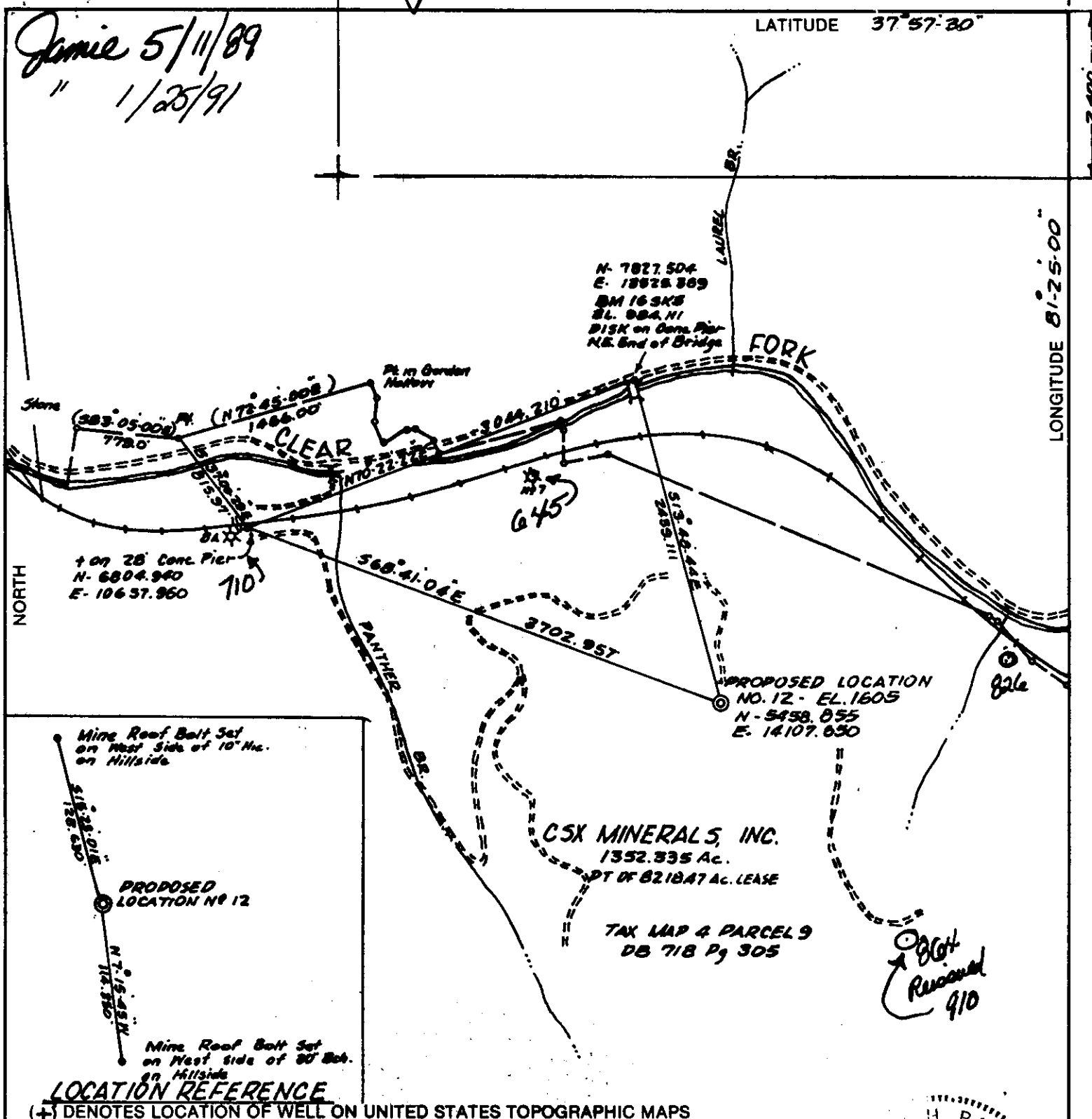
PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Overman shale ESTIMATED DEPTH 5355  
 WELL OPERATOR PEAKE OPERATING COMPANY DESIGNATED AGENT Tom Liberatore  
 ADDRESS PO BOX 8 Ravenswood, W. Va. 26164 ADDRESS same

COUNTY NAME RALEIGH  
 PERMIT \_\_\_\_\_

Janie 5/11/89  
 " 1/25/91

LATITUDE 37° 57' 30"

LONGITUDE 81° 25' 00"



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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1:5000  
 PROVEN SOURCE OF ELEVATION BM SKS EL. 984  
Shown Above

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 (SIGNED) Frank W. Barker  
 R.P.E. \_\_\_\_\_ L.L.S. 289

H. BARKER  
 No. 289  
 STATE OF WEST VIRGINIA  
 SURVEYOR  
 PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



DATE MAR. 20, 19 89  
 OPERATOR'S WELL NO. 12 Dorothy Sorita  
 API WELL NO. Cancelled  
47-081-0909  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1605 WATERSHED CLEAR FORK  
 DISTRICT CLEAR FORK COUNTY RALEIGH  
 QUADRANGLE DOROTHY

SURFACE OWNER WESTERN POCAHONTAS ACREAGE 1352.33  
 OIL & GAS ROYALTY OWNER C.S.X. MINERALS INC. LEASE ACREAGE 8218.47  
 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 \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_  
 WELL OPERATOR PEAKE OPERATING COMPANY DESIGNATED AGENT TOM LIBERATORE  
 ADDRESS 1401 CHARLESTON NATIONAL PLAZA ADDRESS 1401 CHARLESTON NATIONAL PLAZA  
CHARLESTON, WV. 25301 CHARLESTON, WV. 25301

COUNTY NAME RALEIGH  
 PERMIT 0863

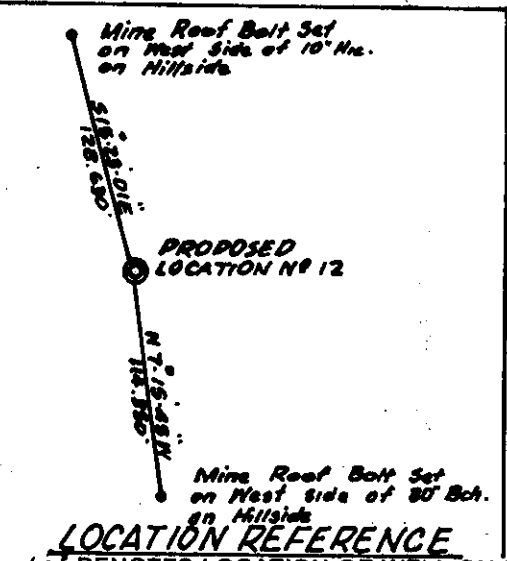
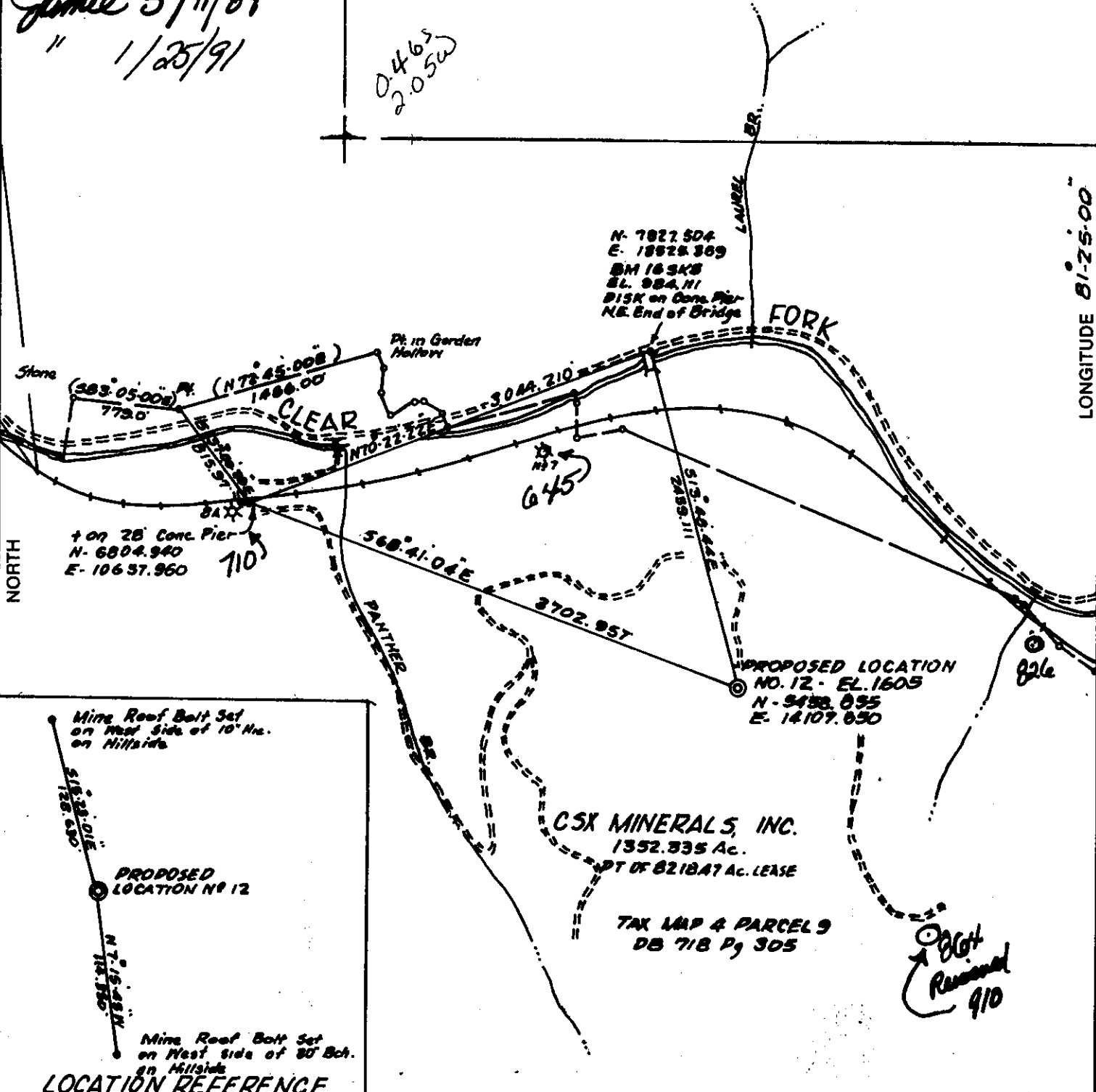
FORM WW-6  
 H.T. HALL 48673

Janie 5/11/89  
" 1/25/91

LATITUDE 37° 57' 20"

0.465  
2.050

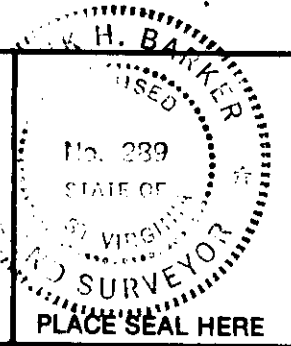
LONGITUDE 81° 25' 00"



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

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY 1:5000'  
PROVEN SOURCE OF ELEVATION BM SKS EL. 984  
Shown Above

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 W. Barker  
R.P.E. \_\_\_\_\_ L.L.S. 289



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION



DATE MAR. 20 19 89  
OPERATOR'S WELL NO. 12 Dorothy  
API WELL NO. 30716

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
LOCATION: ELEVATION 1605 WATER SHED CLEAR FORK STATE RALEIGH COUNTY FORMERLY 081-863 PERMIT 2904  
DISTRICT CLEAR FORK I COUNTY RALEIGH  
QUADRANGLE DOROTHY

SURFACE OWNER WESTERN POCAHONTAS ACREAGE 1352.33  
OIL & GAS ROYALTY OWNER C.S.X. MINERALS INC. LEASE ACREAGE 8218.47

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 \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_  
WELL OPERATOR PEAKE OPERATING COMPANY DESIGNATED AGENT TOM LIBERATORE  
ADDRESS 1401 CHARLESTON NATIONAL PLAZA ADDRESS 1401 CHARLESTON NATIONAL PLAZA  
CHARLESTON, WV. 25301 608 CHARLESTON, WV. 25301

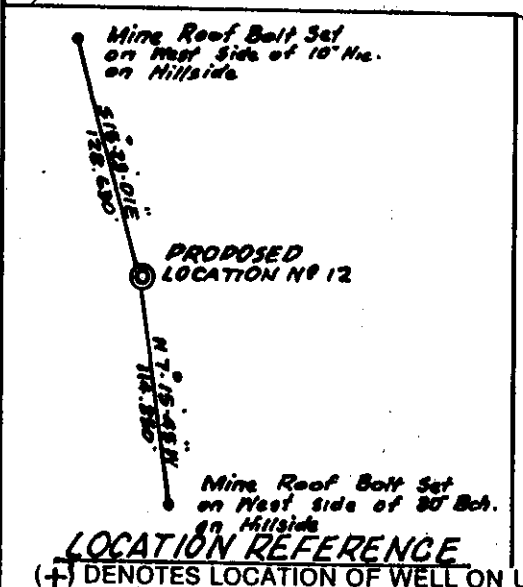
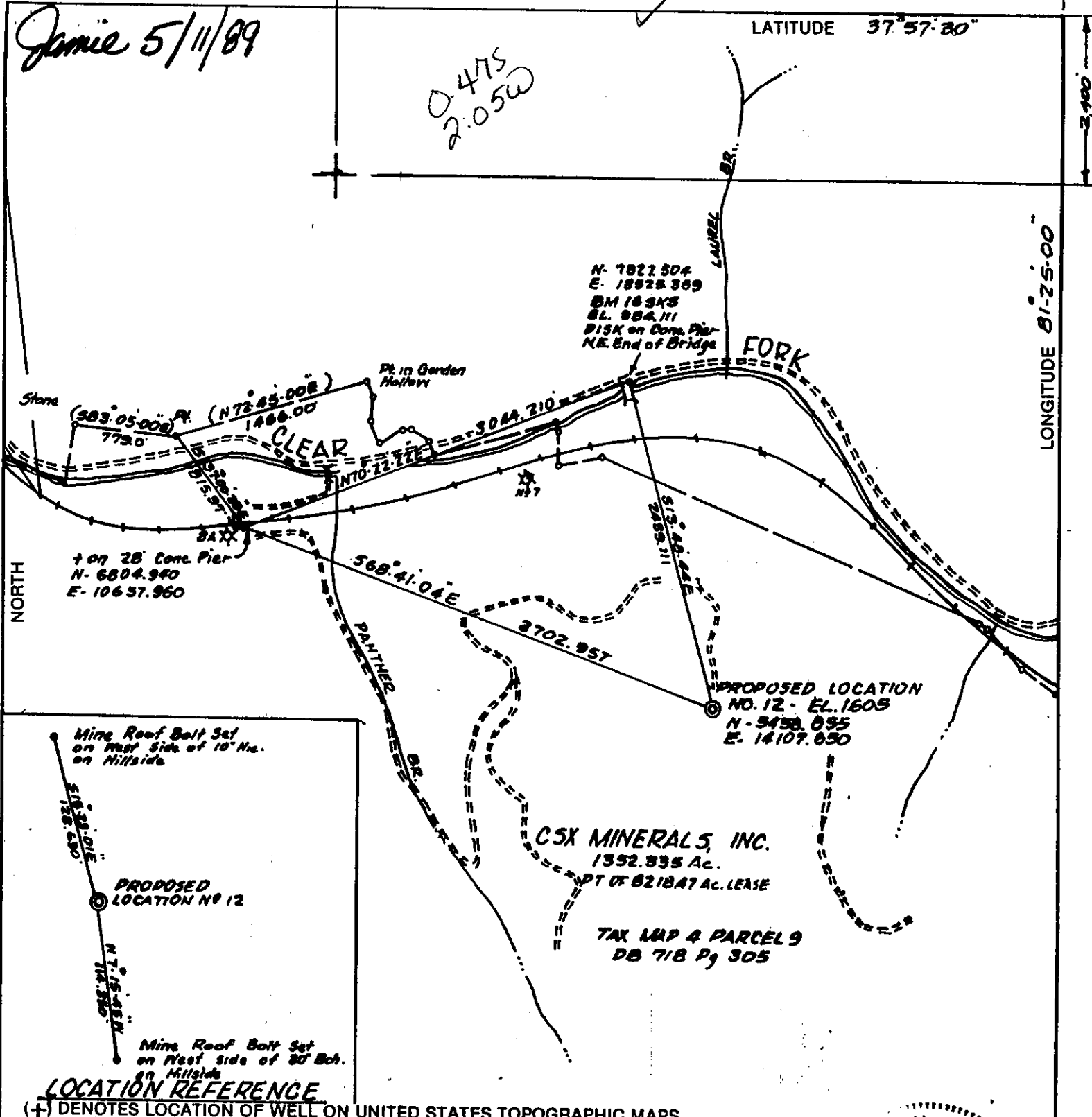
COUNTY NAME RALEIGH  
PERMIT 0863

Janie 5/11/89

LATITUDE 37° 57' 30"

0.475  
2.05W

LONGITUDE 81° 5' 00"

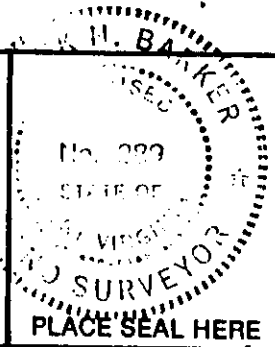


CSX MINERALS, INC.  
1352.335 Ac.  
PT OF 8218A7 AC. LEASE  
TAX MAP 4 PARCEL 9  
DB 718 Pg 305

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

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY 1 : 5000  
PROVEN SOURCE OF ELEVATION BM SKS EL. 984  
Shown Above

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(SIGNED) Frank W. Barker  
R.P.E. \_\_\_\_\_ L.L.S. 289



**STATE OF WEST VIRGINIA**  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION

DATE MAR. 20, 19 89  
OPERATOR'S WELL NO. 12 Dorothy Sorita  
API WELL NO. 47-081-0863-Cor. 1

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

LOCATION: ELEVATION 1605 WATER SHED CLEAR FORK  
DISTRICT CLEAR FORK 1 COUNTY RALEIGH  
QUADRANGLE DOROTHY

SURFACE OWNER WESTERN POCAHONTAS ACREAGE 1352.33  
OIL & GAS ROYALTY OWNER C.S.X. MINERALS INC. LEASE ACREAGE 8218.47  
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 \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_

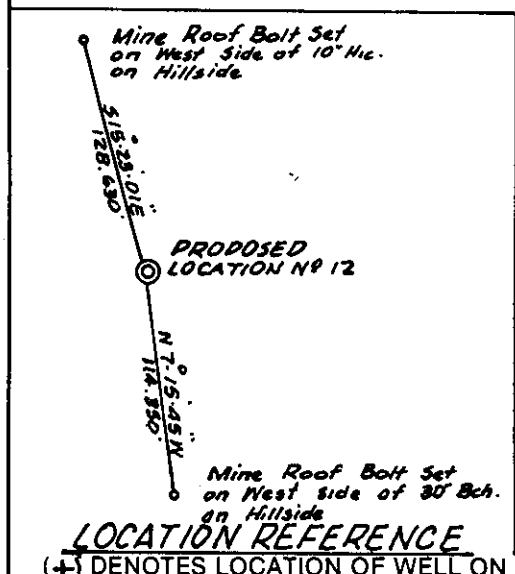
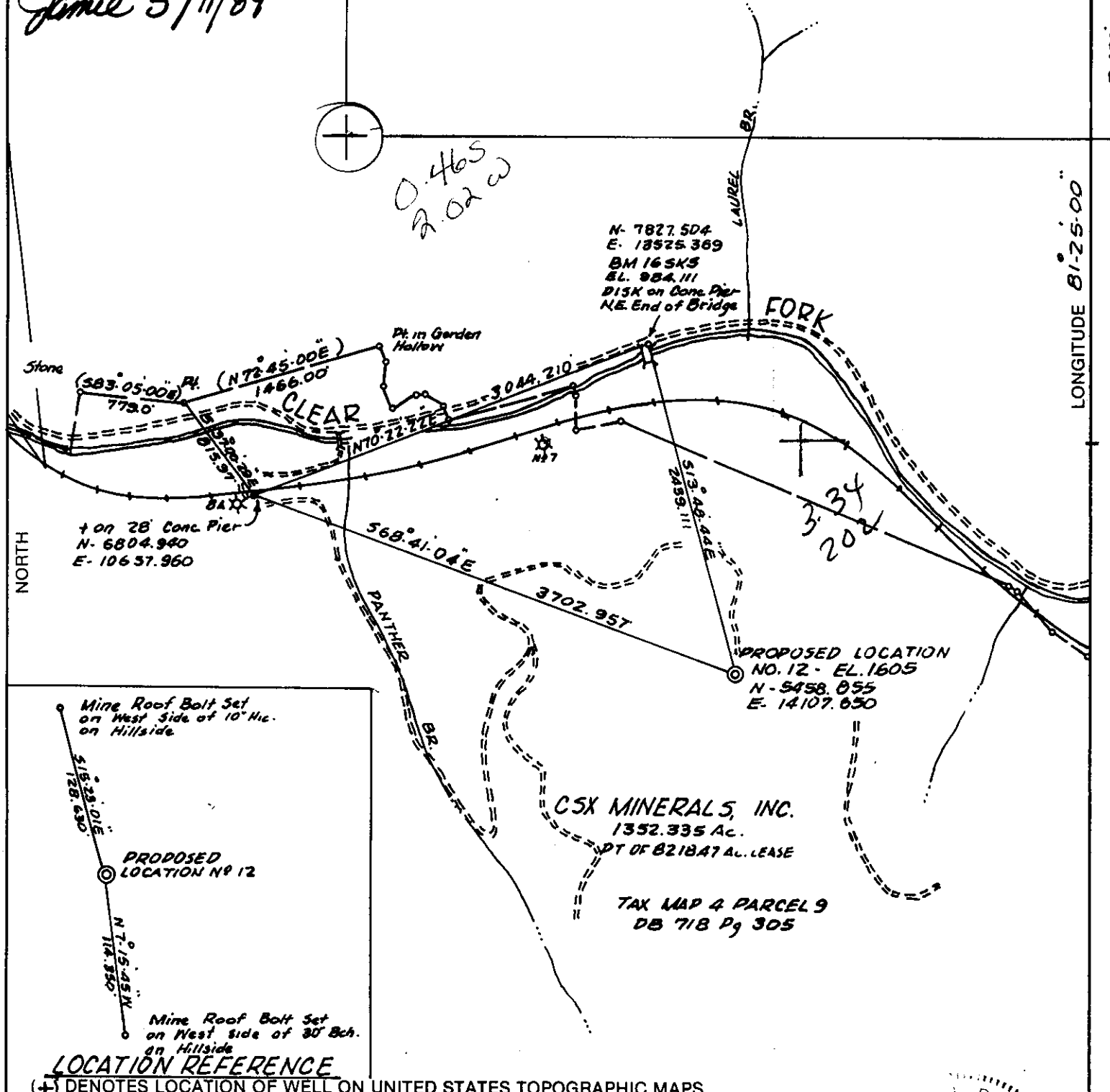
WELL OPERATOR PEAKE OPERATING COMPANY DESIGNATED AGENT TOM LIBERATORE  
ADDRESS 1401 CHARLESTON NATIONAL PLAZA ADDRESS 1401 CHARLESTON NATIONAL PLAZA  
CHARLESTON, WV. 25901 609 CHARLESTON, WV. 25901

COUNTY NAME RALEIGH  
PERMIT 0863

Janie 5/11/89

LATITUDE 37° 57' 30"

LONGITUDE 81° 52' 00"



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1:5000'  
 PROVEN SOURCE OF ELEVATION BM SK5 EL. 984  
Shown Above

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 W. Barker  
 R.P.E. \_\_\_\_\_ L.L.S. 289

PLACEMENT SEAL HERE

**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION

DATE MAR. 20, 19 89  
 OPERATOR'S WELL NO. 12 Dorothy Sorita  
 API WELL NO. 47-081-0863

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

LOCATION: ELEVATION 1605 WATERSHED CLEAR FORK  
 DISTRICT CLEAR FORK COUNTY RALEIGH  
 QUADRANGLE DOROTHY 325 0361

SURFACE OWNER WESTERN POCAHONTAS ACREAGE 1352.33  
 OIL & GAS ROYALTY OWNER C.S.X. MINERALS INC. LEASE ACREAGE 8218.47  
 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 \_\_\_

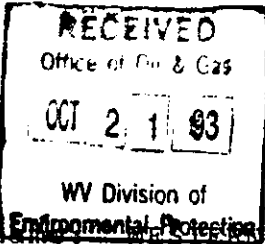
TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_

WELL OPERATOR PEAKE OPERATING COMPANY DESIGNATED AGENT TOM LIBERATORE  
 ADDRESS 1401 CHARLESTON NATIONAL PLAZA ADDRESS 1401 CHARLESTON NATIONAL PLAZA  
CHARLESTON, WV. 25301 CHARLESTON, WV. 25301

MAY 22 1989

FORM WW-6  
 H.T. HALL 58673

COUNTY NAME  
 PERMIT



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

Well Operator's Report of Well Work

Farm Name: ~~POCAHONTAS PROP.~~ POCAHONTAS PROP. Operator Well No.: DOR/SARITA 12

LOCATION: Elevation: 1,605.00 Quadrangle: DOROTHY

District: CLEAR FORK County: RALEIGH  
Latitude: 2400 Feet South of 37 Deg. 57Min. 30 Sec.  
Longitude 10800 Feet West of 81 Deg. 25 Min. Sec.

Company: PEAKE OPERATING COMPANY  
P.O. BOX 8  
RAVENSWOOD, WV 26164-0008

Agent: THOMAS S. LIBERATORE

Inspector: RODNEY DILLON  
Permit Issued: 04/02/93  
Well work Commenced: 08/03/93  
Well work Completed: 08/15/93  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary  Cable \_\_\_\_\_ Rig  
Total Depth (feet) 5324  
Fresh water depths (ft) 78', 340'

Salt water depths (ft) 1446', 2346'

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): 151, 200, 235

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
13 3/8"	30'	30'	- -
9 5/8"	934'	934'	312 sks Class A
7"	1776'	1776'	270 sks Class A
4 1/2"	5252'	5252'	197 sks Pozmix
2 3/8"	5200'	5200'	

OPEN FLOW DATA

Producing formation Gordon & Brown Shale Pay zone depth (ft) 3470-80 4789-519  
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

Second producing formation Weir Sand Pay zone depth (ft) 2827-291  
Gas: Initial open flow - MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 1524 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests - Hours  
Static rock Pressure 750 psig (surface pressure) after 48 Hours

\* Rock pressures & open flows 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 GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: PEAKE OPERATING COMPANY

10/19/1993

Reviewed TML  
Recorded \_\_\_\_\_

By: Thomas S. Liberatore  
Date: 10/19/93

FORM WR-35  
(Reverse)

PERMIT #: 47-081-00944  
CO. WELL #: #12-BDS  
ELEVATION: 1605 GL 1615 KB

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

- 09/01/93: PERFORATED THE DEVONIAN SHALE FROM 4789-5191 USING 35 HOLES. <sup>813</sup>
- 09/02/93: NITROGEN FRAC'D THE SHALE USING 2.0 MMSCF OF NITROGEN, AT AN AVG. INJECTION RATE OF 88,000 SCF/MIN. <sup>813</sup>
- 09/07/93: PERFORATED THE GORDON FROM 3470-3480 USING 28 HOLES. FOAM-FRAC'D THE GORDON USING 45,000 LBS. OF SAND, 484,000 SCF OF NITROGEN, AND 272 BBL OF WATER. PERFORATED THE WEIR FROM 2827-2912 USING 46 HOLES. FOAM-FRAC'D THE WEIR INTERVAL USING 52,000 LBS. OF SAND, 535,000 SCF OF NITROGEN, AND 271 BBL OF WATER.

WELL LOG (all depths taken from KB)

-----

ROCK TYPE OR FORMATION	TOP	BOTTOM	REMARKS
SAND & SHALE	0	72	
SAND	72	132	WTR.@ 78'
SHALE	132	151	
COAL	151	154	
SAND	154	200	
COAL	200	205	
SAND	205	235	
COAL	235	237	
SAND & SHALE	237	598	WTR.@ 340'
SAND	598	658	
SHALE	658	722	
SAND	722	894	
SAND & SHALE	894	1210	
SHALE	1210	1256	
SALT SANDS	1256	1466	WTR.@ 1446'
SHALE	1466	1780	
AVIS LIME	1780	1821	
SHALE	1821	2264	
LOWER MAXTON SAND	2264	2364	WTR.@ 2346'
LITTLE LIME (REYNOLDS)	2364	2420	
BIG LIME (GREENBRIER)	2420	2760	S/GAS: 2472'
SHALE	2760	2872	S/GAS: 2828'
WEIR SAND	2872	2946	
SHALE	2946	3240	
COFFEE SHALE (SUNBURY)	3240	3258	
BEREA HORIZON	3258	3261	
SHALE	3261	3464	
GORDON	3464	3482	
SHALE	3482	4442	S/GAS: 3750'
BROWN SHALE (LOWER HURON)	4442	5193	
SHALE (JAVA)	5193	5324	
TOTAL DEPTH (LOGGERS)	5324		

-----

DF 822  
DFT-813

15671

081-0909 → 944

Issued 1/28/91

Page 3 of 8

Expires 1/28/93

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

- 1) Well Operator: Peake Operating Company 37100 (1) 325
- 2) Operator's Well Number: Dorothy-Sarita #12-ADS 3) Elevation: 1605'
- 4) Well type: (a) Oil  or Gas 
  - (b) If Gas: Production  Underground Storage 
    - Deep  Shallow
- 5) Proposed Target Formation(s): Devonian Shale
- 6) Proposed Total Depth: 5355 feet
- 7) Approximate fresh water strata depths: 850'
- 8) Approximate salt water depths: 1250'
- 9) Approximate coal seam depths: NONE
- 10) Does land contain coal seams tributary to active mine? Yes  No
- 11) Proposed Well Work: New Well
- 12) *Drill & Stimulate New Well.*

**RECEIVED**  
Division of Energy  
**JAN 11 91**  
Permit  
Oil and Gas

**CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling / Left in well	
Conductor	12 3/4"	H-40	42#	30' / 30'	CTS
Fresh Water	9 5/8"	H-40	32#	900' / 900'	38 CSR 18-11.3
Coal					
Intermediate	7"	J-55	17#	1750' / 1750'	38 CSR 18-11.2.2
Production	4 1/2"	J-55	9.5#	5350' / 5350'	38 CSR 18-11.
Tubing	2 3/8"			5340' / 5340'	
Liners					

**PACKERS** : Kind \_\_\_\_\_  
 Sizes \_\_\_\_\_  
 Depths set \_\_\_\_\_

For Division of Oil and Gas Use Only

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

443  
#1



RECEIVED  
Department of Energy  
JAN 11 91

- 1) Date: JAN 11 1991
- 2) Operator's well number Dorothy-Sarita #12-ADS
- 3) API Well No: 47 - 081 - 0909  
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. Ltd.  
Address Box 2827 Partnership  
Huntington, WV 25727
  - (b) Name ATTN: David T. Morrison  
Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_  
Address \_\_\_\_\_
- 5) (a) Coal Operator:
  - Name Pinnacle Rock Coal Corp.  
Address Box 757  
Danville, WV 25053 ATTN: Greg Patterson
  - (b) Coal Owner(s) with Declaration  
Name Western Pocahontas Prop. Ltd. Partners.  
Address Box 2827  
Huntington, WV 25727
  - Name ATTN: David T. Morrison  
Address \_\_\_\_\_
  - (c) Coal Lessee with Declaration  
Name Primeacre Land Corp. /ATTN: Tim Comer  
Address 7012 MacCorkle Ave., S.E.  
Charleston, WV 25304
- 6) Inspector Rodney Dillon  
Address Box 1526  
Sophia, WV 25921  
Telephone (304)- 683-3989

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

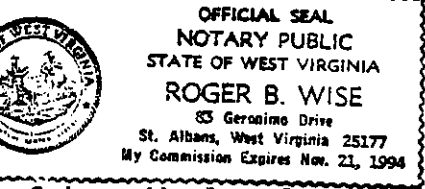
       Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR yy Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

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 8 on the above named parties, by:  
       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.

Well Operator BEAKE OPERATING COMPANY  
By: Thomas J. Beake  
Its: Operations Manager  
Address 1401 Charleston National Plaza  
Charleston, WV 25301  
Telephone (304) 342-6970



Subscribed and sworn before me this 11 day of JANUARY, 1991  
Roger B. Wise Notary Public  
My commission expires 11/21/94

18  
47-081-0863 → 9109  
Issued 5/18/89 Expires 5/18/91 → 9144  
Page 3 of 7

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

- 1) Well Operator: 669 Peake Operating Company 37100 (1) 325
- 2) Operator's Well Number: Dorothy-Sarita #12-ADS 3) Elevation: 1605'
- 4) Well type: (a) Oil  / or Gas  /  
(b) If Gas: Production  / Underground Storage  /  
Deep  / Shallow  /
- 5) Proposed Target Formation(s): 401 Devonian Shale
- 6) Proposed Total Depth: 5355 feet
- 7) Approximate fresh water strata depths: ? 1500 asl, 953'
- 8) Approximate salt water depths: 350 asl
- 9) Approximate coal seam depths: NONE
- 10) Does land contain coal seams tributary to active mine? Yes  / No  /
- 11) Proposed Well Work: Drill and stimulate New Well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	12 3/4"	H-40	42#	30'	30'	CTS
Fresh Water	9 5/8"	H-40	32#	900;	900'	CTS
Coal						3805R18-11.3 3805R18-11.2
Intermediate	7"	J-55	17#	1750'	1750'	CTS
Production	4 1/2"	J-55	9.5#	5350'	5350'	3805R18-11.1 150 sks.
Tubing	2 3/8"			5340'	5340'	
Liners						

RECEIVED  
MAY 02 1989

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

For Division of Oil and Gas Use Only DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
Plat  WW-9  WW-2B  Bond 50 Blanket one.  Agent  
(Type)

7544

RECEIVED  
MAY 02 1989

Page 1 of 7  
Form WW2-A  
(09/87)  
File Copy

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

1) Date: \_\_\_\_\_  
2) Operator's well number  
Dorothy-Sarita #12-ADS  
3) API Well No: 47 - 081 - 0863  
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. Ltd  
Address Box 2827 Ptnrship  
Huntington, WV 25727  
(b) Name Attn: David T. Morrison  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_

5) (a) Coal Operator:  
Name None  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name Western Pocahontas Prop. Ltd. Ptnrship  
Address Box 2827  
Huntington, WV 25727  
Name Attn: David T. Morrison  
Address \_\_\_\_\_

6) Inspector Rodney Dillon  
Address Box 1526  
Sophia, WV 25921  
Telephone (304)- 683-3989

(c) Coal Lessee with Declaration  
Name Primacre Land Corp. Attn: Tim Comer  
Address 7012 MacCorkle Ave., S. E.  
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)

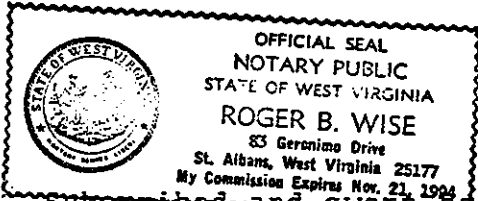
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 7 on the above named parties, by:  
\_\_\_\_\_ Personal Service (Affidavit attached)  
X Certified Mail (Postmarked postal 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.

Well Operator PEAKE OPERATING COMPANY  
By: Thomas S. [Signature]  
Its: Operations Manager  
Address 1401 Charleston National Plaza  
Charleston, WV 25301  
Telephone (304) 342-6970



Subscribed and sworn before me this 28 day of April, 19 89

[Signature] Notary Public  
My commission expires \_\_\_\_\_

081 - 0944

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

Issued 4/02/93  
Expired 4/02/95  
325

16931

- 1) Well Operator: 669 Peake Operating Company 37100 (1)
- 2) Operator's Well Number: Dorothy-Sarita #12-BDS 3) Elevation: 1605'
- 4) Well type: (a) Oil  or Gas   
(b) If Gas: Production  Underground Storage   
Deep  Shallow
- 5) Proposed Target Formation(s): Devonian Shale
- 6) Proposed Total Depth: 5355 feet
- 7) Approximate fresh water strata depths: 850'
- 8) Approximate salt water depths: 1250'
- 9) Approximate coal seam depths: NONE
- 10) Does land contain coal seams tributary to active mine? Yes  No
- 11) Proposed Well Work: To drill a new well & stimulate by fracturing
- 12)

RECEIVED  
WV Division of  
Environmental Protection  
MAR 17 93  
Permitting  
Office of Oil & Gas

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	12 3/4"	H-40	42#	30'	30'	CTS
Fresh Water	9 5/8"	H-40	32#	900'	900' <i>GS.</i>	38 CSR 18-11.3
Coal						
Intermediate	7"	J-55	17#	1750'	1750'	38 CSR 18-11.2.2
Production	4 1/2"	J-55	10.5#	5350'	5350'	38 CSR 18-11.
Tubing	2 3/8"			5340'	5340'	
Liners						

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

For Division of Oil and Gas Use Only

224989  
Fee(s) paid:  Well Work Permit  Reclamation and  WPCP  
 Plat  WW-9  WW-2B  Bond Security Agent

RECEIVED  
WV Division of  
Environmental Protection  
MAR 17 83  
Permitting  
Office of Oil & Gas

- 1) Date: March 8, 1993
- 2) Operator's well number  
Dorothy - Sarita #12-RDS
- 3) API Well No: 47 - 081 - 0944  
State - County - Permit  
(formerly: 47-081-0909)

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 Properties  
Address P.O. Box 2827  
Huntington, WV 25727
  - (b) Name ATTN: David T. Morrison  
Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_  
Address \_\_\_\_\_
- 5) (a) Coal Operator:
  - Name Pinnacle Rock Coal Corp.  
Address Box 757  
Danville, WV 25053 ATTN: Greg Patterson
  - (b) Coal Owner(s) with Declaration  
Name Western Pocahontas Prop. Ltd. Partners  
Address Box 2827  
Huntington, WV 25727  
Name ATTN: David T. Morrison  
Address \_\_\_\_\_
  - (c) Coal Lessee with Declaration  
Name Black King Mine Develop. Co.  
Address P.O. Box 750  
Dunbar, WV 25064-0750  
ATTN: Tim Comer
- 6) Inspector Rodney Dillon  
Address P.O. Box 131  
Bradley, WV 25818  
Telephone (304)-877-2912

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 7 on the above named parties, by:  
\_\_\_\_\_ 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.

Well Operator Peake Operating Company  
By: Thomas [Signature]  
Its: Designated Agent  
Address P.O. Box 8  
Ravenswood, WV 26164  
Telephone (304) 273-5371

Subscribed and sworn before me this 8 day of March, 1993

Steph W Kelly Notary Public  
My commission expires Oct 25, 1993