

9420'

LATITUDE 37° 50' 00"

NO. 14 EACC COOR.

N. 164, 983.13

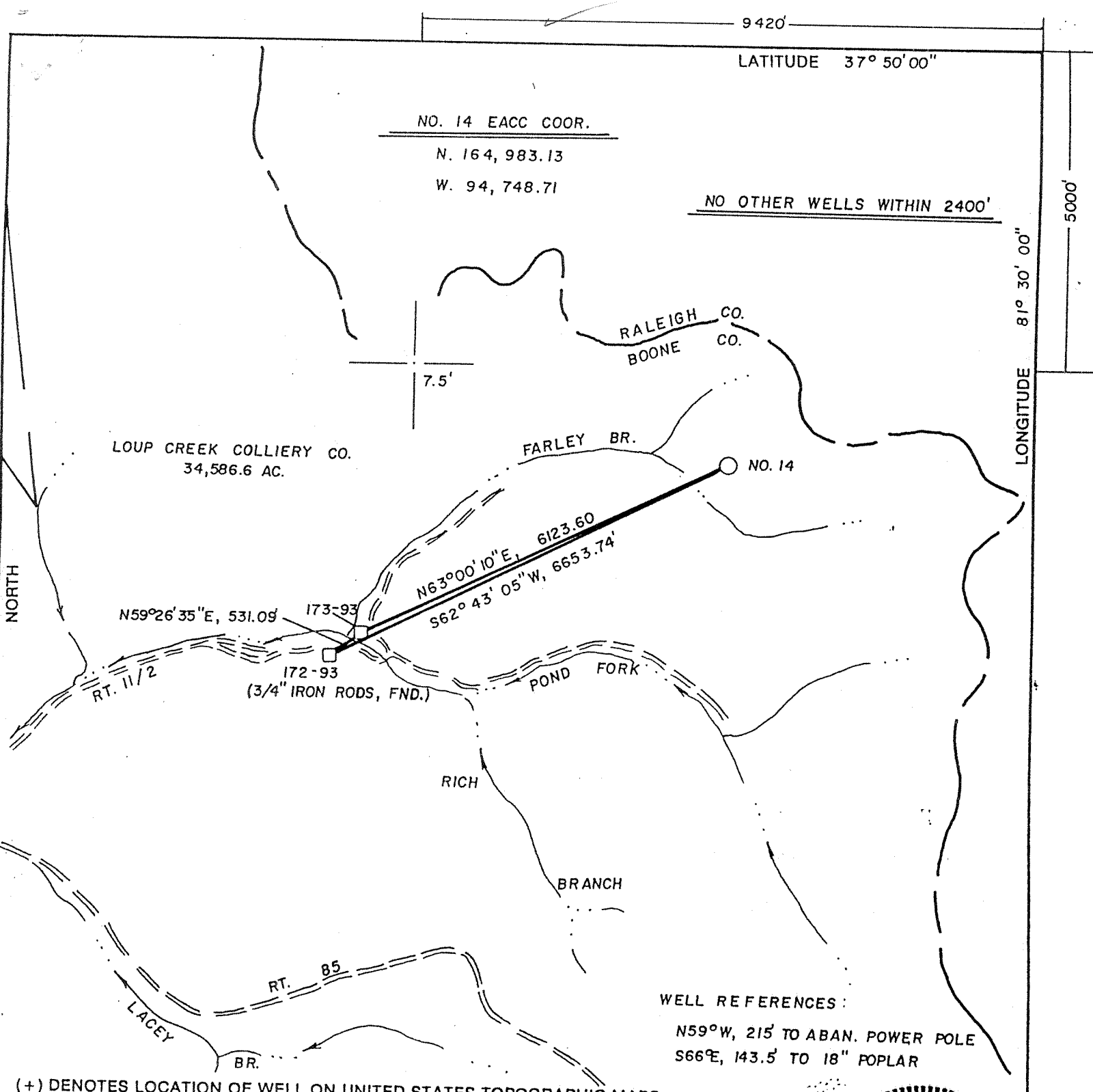
W. 94, 748.71

NO OTHER WELLS WITHIN 2400'

5000'

LONGITUDE 81° 03' 00"

NORTH



WELL REFERENCES:

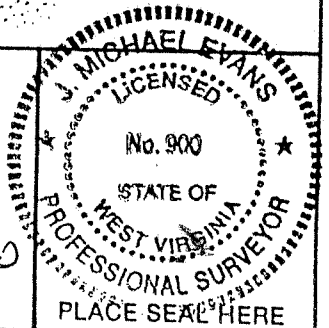
N59°W, 215' TO ABAN. POWER POLE
S66°E, 143.5' TO 18" POPLAR

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION MINE CONTROL PIN
 172-93 AT ELEV. 1714.03'

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) *J. Michael Evans*
 R.P.E. _____ L.L.S. 900



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE MAY 20, 19 94
 OPERATOR'S WELL NO. LOUP CRK. COLL. #
 API WELL NO.

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 2288' WATER SHED FARLEY BRANCH
 DISTRICT CROOK COUNTY BOONE
 QUADRANGLE PILOT KNOB 7.5'
 SURFACE OWNER POCAHONTAS LAND CORP. ACREAGE 7590.28
 OIL & GAS ROYALTY OWNER LOUP CREEK COLLIERY CO. LEASE ACREAGE 34,586.60

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 BEREA/Gordon ESTIMATED DEPTH 4575'

WELL OPERATOR Penn Virginia Oil & Gas DESIGNATED AGENT
 ADDRESS 2550 E. Stone Dr., Suite 200 ADDRESS Harry Jewell
 Kingsport, TN 37660 PO Box 460
 Ravencliff, WV 25012

JAN 17 2003

COUNTY NAME

PERMIT

Boo

1609

NO. 14 EACC COOR.

N. 164, 970.
W. 94, 735.

NO OTHER WELLS WITHIN 2400.

5015'

LONGITUDE 81° 03' 18"

LOUP CREEK COLLIERY CO.
34,586.6 AC.

RALEIGH CO.
BOONE CO.

FARLEY BR.

NO. 14 REVISED

N59°26'35"E
531.09'

173-93

N63°10'10"E, 6129.89'
S62°52'25"W, 6659.94'

172-93

(3/4" IRON RODS, FND.)

POND FORK

RICH

BRANCH

RT. 85

LACEY

BR.

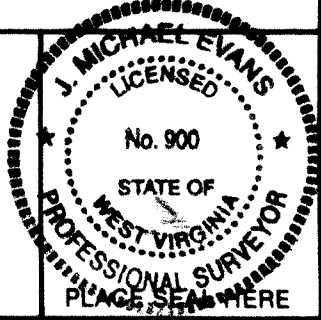
WELL REFERENCES:

N85°W, 168' TO 22" CHEST. OAK
S70°E, 127' TO 18" POPLAR

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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 2000'
MINIMUM DEGREE OF
ACCURACY 1 IN 2500
PROVEN SOURCE OF
ELEVATION MINE CONTROL PIN
172-93 AT ELEV. 1714.03'

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LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF ENERGY.
(SIGNED) J. Michael Evans
R.P.E. _____ L.L.S. 900



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE JULY 5, 19 94
OPERATOR'S WELL NO. LOUP CRK. 14 REV.
API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 2284' WATERSHED FARLEY BRANCH
DISTRICT CROOK COUNTY BOONE
QUADRANGLE PILOT KNOB 7.5' made knob SE
SURFACE OWNER POCAHONTAS LAND CORP. ACREAGE 7590.28
OIL & GAS ROYALTY OWNER LOUP CREEK COLLIERY CO. LEASE ACREAGE 34,586.60
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 ESTIMATED DEPTH 4475'
WELL OPERATOR UMC PETROLEUM CORP. DESIGNATED AGENT GREG SHOCKLEY
ADDRESS P.O. DRAWER 1738 ADDRESS P.O. DRAWER 1738
CLARKSBURG, WV 26302-1738 6-6 247 CLARKSBURG, WV 26302-1738

JUL 8 1994

COUNTY NAME

PERMIT

NO. 14 EACC COOR.

N. 164, 983.13

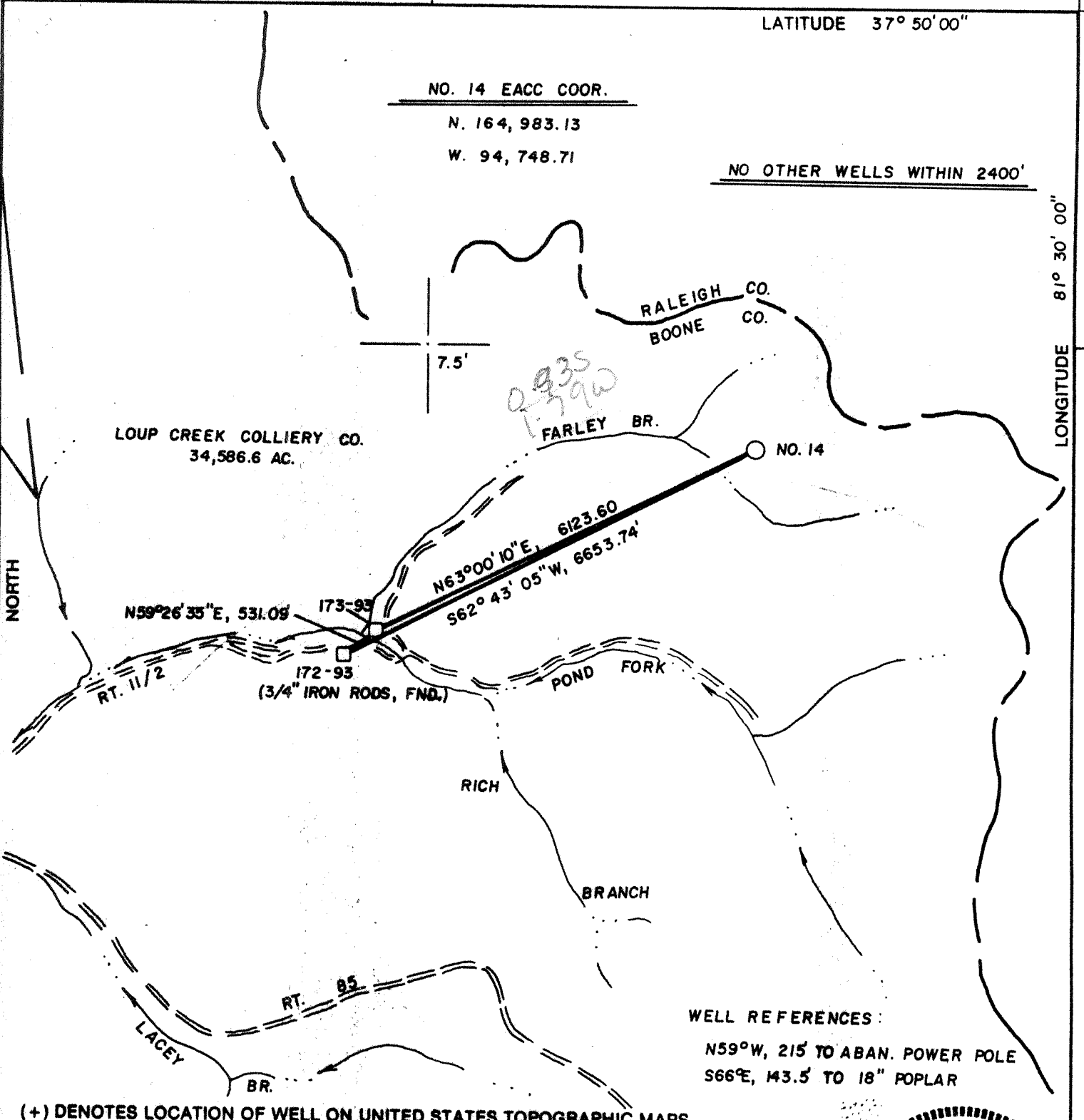
W. 94, 748.71

NO OTHER WELLS WITHIN 2400'

5000'

LONGITUDE 81° 30' 18"

NORTH



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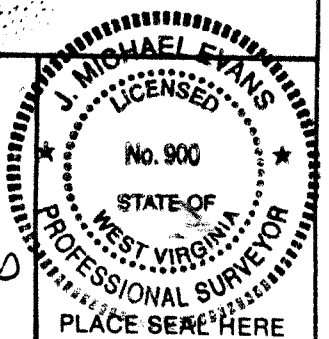
N59°W, 215' TO ABAN. POWER POLE
S66°E, 143.5' TO 18" POPLAR

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(SIGNED) J. Michael Evans
 R.P.E. _____ L.L.S. 900



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE MAY 20, 19 94
 OPERATOR'S WELL NO. LOUP CRK. COLL. #
 API WELL NO.

47 - 05 - 1609
 STATE COUNTY PERMIT

COUNTY NAME

PERMIT

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

LOCATION: ELEVATION 2288' WATERSHED FARLEY BRANCH
 DISTRICT CROOK COUNTY BOONE
 QUADRANGLE PILOT KNOB 7.5'

SURFACE OWNER POCAHONTAS LAND CORP. ACREAGE 7590.28
 OIL & GAS ROYALTY OWNER LOUP CREEK COLLIERY CO. LEASE ACREAGE 34,586.60
 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) _____

JUN 17 1994

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION BEREA/Gordon ESTIMATED DEPTH 4575'

WELL OPERATOR UMG PETROLEUM CORP. DESIGNATED AGENT GREG SHOCKLEY
 ADDRESS P.O. DRAWER 1738 4587 ADDRESS P.O. DRAWER 1738
 CLARKSBURG, WV 26302-1738 CLARKSBURG, WV 26302-1738

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

Issued 06/17/94
 Expires 06/17/96
 ① 547

WELL WORK PERMIT APPLICATION

19268

- Well Operator: UMC Petroleum Corporation (50410)
- Operator's Well Number: Loup Creek #14 3) Elevation: 2288'
- Well type: (a) Oil / or Gas X/
- (b) If Gas: Production X/ Underground Storage /
 Deep / Shallow X/
- Proposed Target Formation(s): Gordon
- Proposed Total Depth: 4550 feet
- Approximate fresh water strata depths: 1072' (From 47-005-0700)
- Approximate salt water depths: 3637', 3794', 3803', (?) (From 47-005-0700)
- Approximate coal seam depths: 1694', 2170' (From 47-005-0700)
- Does land contain coal seams tributary to active mine? Yes / No X/
- Proposed Well Work: To drill and frac new well.

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	20"	N/A	Used PE	40'	40'	CTS By Hand
Fresh Water	13 3/8"	Limited Service	48#	210'	210'	CTS
Coal	8 5/8"	J-55	24#/32#	2220'	2220'	CTS
Intermediate						
Production	4 1/2"	J-55	10.5#		4550'	300
Tubing						
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 Agent

06/29/94
 18

RECEIVED
MAY 31 1994
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY

- 1) Date: May 27, 1994
- 2) Operator's well number
Loup Creek #14
- 3) API Well No: 47 - 05 - 1609
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 Pocahontas Land Corporation
Address P.O. Box 1517
Bluefield, WV 24701
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 6) Inspector Richard S. Campbell
Address P.O. Box 77
Sumerco, WV 25567-0060
Telephone (304)- 524-7939

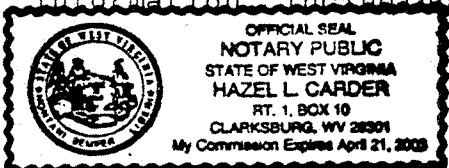
- 5) (a) Coal Operator:
Name Eastern Associated Coal Corporation
Address P.O. Box 1233
Charleston, WV 25324
- (b) Coal Owner(s) with Declaration
Name Pocahontas Land Corporation
Address P.O. Box 1517
Bluefield, WV 24701
- Name _____
Address _____
- (c) Coal Lessee with Declaration
Name Eastern Associated Coal Corporation
Address P.O. Box 1233
Charleston, WV 25324

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 9 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 UMC Petroleum Corporation (50410)
 By: Gregory A. Shockley
 Its: District Manager/Designated Agent
 Address P.O. Drawer 1738
Clarksburg, WV 26302
 Telephone (304) 624-9653

Subscribed and sworn before me this 27th day of May, 1994
Hazel L. Carder Notary Public
 My commission expires April 21, 2003

SEP 30 1994

API # 47-005-01609

Permitting State of West Virginia
Office of Oil & Gas Division of Environmental Protection
 Section of Oil and Gas

Well Operator's Report of Well Work

Farm Name: POCAHONTAS LAND CORP. Operator Well No. LOUP CREEK # 14-REV
 LOCATION: Elevation: 2,284.00 Quadrangle: PILOT KNOB
 District: Crook County: Boone
 Latitude: 5015 Feet South of 37 Deg. 50 Min. 0 Sec.
 Longitude 9410 Feet West of 81 Deg. 30 Min. 0 Sec.

Company: UMC PETROLEUM CORPORATION
 P.O. DRAWER 1738
 CLARKSBURG, WV 26301-1738

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up Cu. Ft.
16"	40'	40'	
11 3/4"	550'	550'	336
8 5/8"	2244'	2244'	680
4 1/2"		4428'	410

Agent: GREGORY A. SHOCKLEY

Inspector: RICHARD CAMPBELL
 Permit Issued: 07/07/94
 Well work Commenced: 07/30/94
 Well Work Completed: 08/11/94
 Verbal Plugging

Permission granted on: _____
 Rotary X Cable _____ Rig
 Total Depth (feet) 4615'
 Fresh Water depths (ft) 1525' damp,
3797' damp
 Salt water depths (ft) None
 Is coal being mined in area (Y/N)? N
 Coal Depths (ft): 142'-146', 230'-232',
259'-263', 368'-371', 490'-494', 720'-724'
1038'-1040', 1622'-1627', 1737', 1740'

OPEN FLOW DATA

Producing formations Big Lime } * 3316' - 3555'
Gordon } Pay zone depth (ft) 4307' - 4320'
 Gas: Initial open flow _____ MCF/d Oil: Initial open Flow _____ Bbl/d
 Final open flow * 50 MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure * 942 psig (surface pressure) after 24 Hours
 * Co-mingled

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.

Gregory A. Shockley
 For: UMC Petroleum Corporation
 By: Gregory A. Shockley / District Manager
 Date: 09/21/94

OCT 6 1994

Perforated Gordon at 4307' - 4320' with 14 shots. Broke down with 500 gals. 15% HCL. Fraced with 75 quality foam and 50,000# 20/40 sand. Break = 2,330#, AIR = 30 BPM foam, ATP = 2,135#, ISIP = 2,100#.

Perforated Big Lime at 3316' - 3555' with 16 shots. Broke down with 500 gals. 28% HCL and acidized with 5,500 gals. 28% HCL with 400 Scf N₂/Bbl. Break = 1,750#, AIR = 15 BPM, ATP = 1,350#, ISIP = 1,300#.

<u>Formation</u>	<u>Color</u>	<u>Hard or Soft</u>	<u>Top</u>	<u>Bottom</u>	<u>Oil, Gas Or Water</u>	<u>Depth</u>	<u>Remarks</u>
Fill			0	40			
Sand			40	75			
Sd & Sh			75	142			
Coal			142	146			
Sd & Sh			146	230			
Coal			230	232			
Sd & Sh			232	259			
Coal			259	263			
Sd & Sh			263	368			
Coal			368	371			
Sd & Sh			371	490			
Coal			490	494			
Sd & Sh			494	545			
Sand			545	590			
Sd & Sh			590	720			
Coal			720	724			
Sd & Sh			724	1038			
Coal			1038	1040			
Sd & Sh			1040	1440			
Shale			1440	1525	Water	1525'	Damp
Salt Sand			1525	1622			
Coal			1622	1627			
Salt Sand & Sh			1627	1647			
Sd & Sh			1647	1675			
Salt Sand			1675	1737			
Coal			1737	1740			
Salt Sand			1740	1824			
Sd & Sh			1824	2246			
Princeton			2246	2292			
Sd & Sh			2292	2398			
Ravencliff			2398	2456			
Shale			2456	2493			
Avis			2493	2520			
Shale			2520	2528			
Upper Maxon			2528	2555			
Shale			2555	2846			
Middle Maxon			2846	2884			
Shale			2884	3036			
Lower Maxon			3036	3060			
Sd & Sh			3060	3130			
Little Lime			3130	3194			
Sd & Sh			3194	3214			
Big Lime			3214	3618			
Shale			3618	3716			
Weir			3716	3760			
Shale			3760	4118	Water	3797'	Damp
Berea			4118	4126			
Shale			4126	4300			
Gordon			4300	4324			
Shale			4324	4615 TD			

19268

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Pocahontas Land Corp. Operator Well No.: Loup Creek 14

LOCATION: Elevation: 2,284 Quadrangle: Pilot Knob
District: Crook County: Boone
Latitude: _____ Feet South of _____ Deg. _____ Min. _____ Sec.
Longitude: _____ Feet West of _____ Deg. _____ Min. _____ Sec.

Well Type: OIL _____ GAS X

Company: Penn VA Oil & Gas Corp. Coal Operator _____
2550 East Stone Dr. Suite 110 or Owner _____
Kingsport TN 37660

Agent: Harry Jewell Coal Operator _____
or Owner _____

Permit Issued Date: 1-15-03

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Lincoln ss:

Paul Stevens and Roger McComas being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and ~~Ronald Scott~~ Carlos Hively Oil and Gas Inspector representing the Director, say that said work was commenced on the 27th day of May, 2003 and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Gal Hole	Surface	4615'		
Pull 2-3/8"		4380'	4380'	0
Cement	4380'	4180'		
Cement	3320'	3220'		
Pull 4-1/2"		2377'	2377'	2051'
Cement	2377'	2177'		8-5/8" - 2244'
Cement	100'	Surface		

Description of monument: Erect monument with API# 47-005-01609-P and that the work of plugging and filling said well was completed on the 30th day of May, 2003.

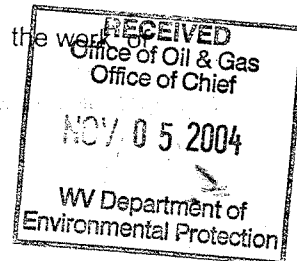
And further deponents saith not. Paul Stevens

Roger McComas

Sworn and subscribe before me this 3rd day of June, 192003

My commission expires: 10-2-2007

[Signature]
Notary Public Carlos W. Hively
Oil and Gas Inspector



NOV 12 2004

Boo 1609 P