

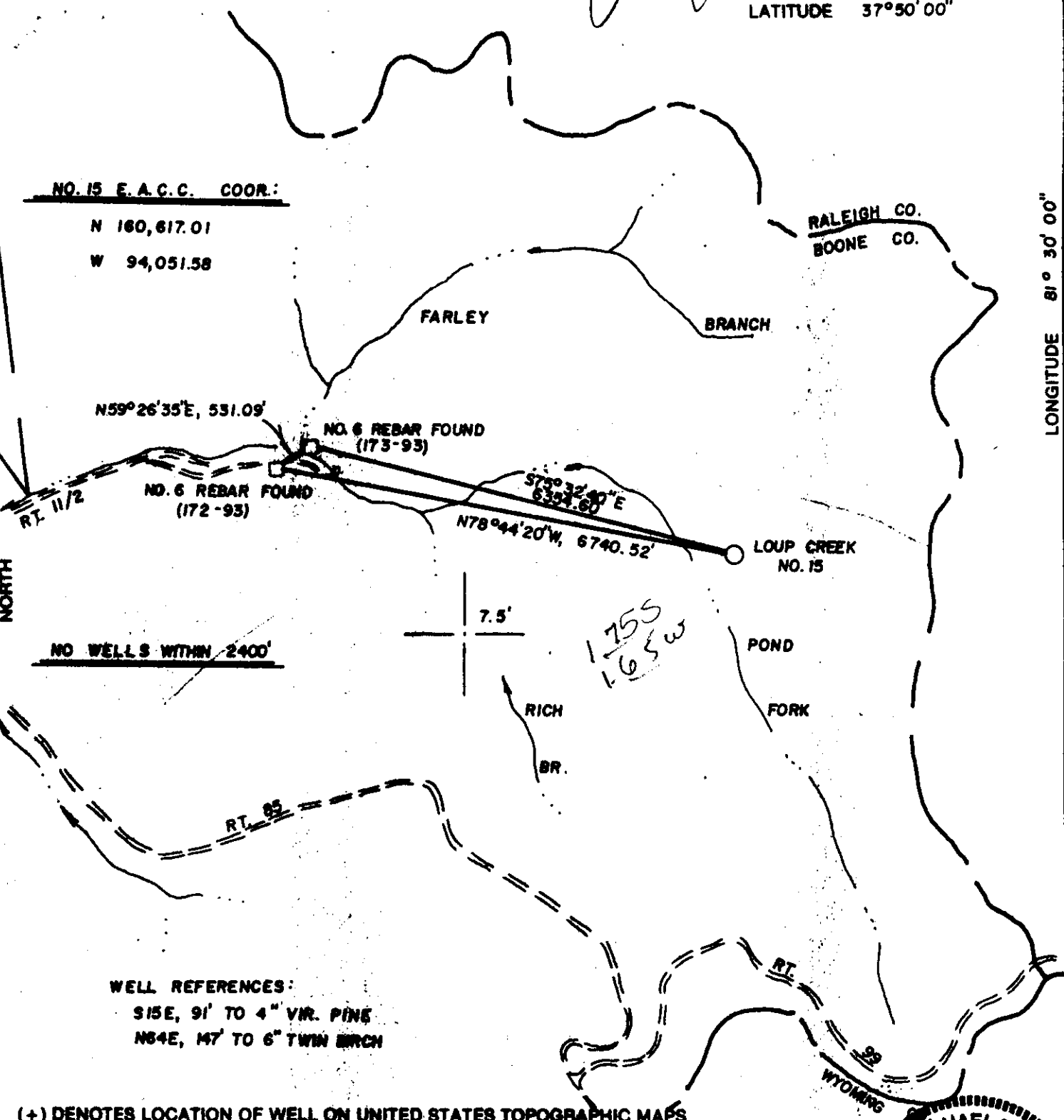
8740
LATITUDE 37°50'00"

LONGITUDE 81°30'00"

9235'

NO. 15 E.A.C.C. COOR.:

N 160,617.01
W 94,051.58



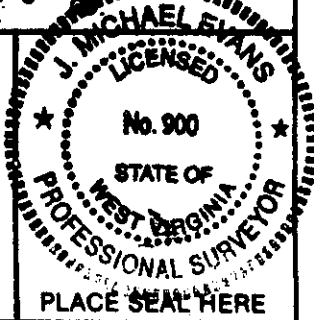
NO WELLS WITHIN 2400'

WELL REFERENCES:
S15E, 91' TO 4" VIR. PINE
N64E, 147' TO 6" TWIN BIRCH

(+) 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 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 16, 19 94
 OPERATOR'S WELL NO. LOUP CREEK COLL.
 API WELL NO. NO. 15

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 2120.15' WATERSHED POND FORK
 DISTRICT CROOK COUNTY BOONE
 QUADRANGLE PILOT KNOB Bald 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) _____

JUN 17 1994

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION BEREA / Gordon ESTIMATED DEPTH 4300'
 WELL OPERATOR UMC PETROLEUM CORP. DESIGNATED AGENT GREG SHOCKLEY
 ADDRESS P.O. DRAWER 1738 4887 ADDRESS P.O. DRAWER 1738
CLARKSBURG, WV 26302-1738 6-6 247 CLARKSBURG, WV 26302-1738

COUNTY NAME
PERMIT

RECEIVED
WV Division of
Environmental Protection

AUG 15 1994
Permitting
Office of Oil & Gas

WR-35

API # 47-005-01610

State of West Virginia
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 # 15

LOCATION: Elevation: 2,120.15 Quadrangle: Pilot Knob

District: Crook County: Boone
Latitude: 9235 Feet South of 37 Deg. 50 Min. 0 Sec.
Longitude 8740 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"	36'	36'	
11 3/4"	306'	306'	195
8 5/8"	2067'	2067'	626
2 3/8"		2198'	0

Agent: GREGORY A. SHOCKLEY

Inspector: RICHARD CAMPBELL
Permit Issued: 06/17/94
Well work Commenced: 07/19/94
Well Work Completed: 07/25/94
Verbal Plugging

Permission granted on: _____
Rotary X Cable _____ Rig _____
Total Depth (feet) 2245'
Fresh Water depths (ft) 95', 160', 1260'
Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 223'-229, 395'-398', 1764'-1766', 1936'-1940'

OPEN FLOW DATA

Producing formations Princeton Pay zone depth (ft) 2202' - 2245'
Gas: Initial open flow 7.0 MMCF/d Oil: Initial open Flow _____ Bbl/d
Final open flow 1.22 MMCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 20 Hours
Static rock Pressure 500 psig (surface pressure) after 24 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: UMC Petroleum Corporation

By: [Signature] /DISTRICT MANAGER

Date: 08/09/94

AUG 26 1994

<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	8			
Shale	Grey	Soft	8	20			
Sand	White	Hard	20	223	Water	95'	1/2" stream
					Water	160'	2" stream
Coal	Black	Soft	223	229			
Sd & Sh	Grey	Med	229	395			
Coal	Black	Soft	395	398			
Sd & Sh	Grey	Med	398	1255			
Salt Sand	Grey	Hard	1255	1764	Water	1260'	1" stream
Coal	Black	Soft	1764	1766			
Sd & Sh	Grey-Bl.	Med	1766	1936			
Coal	Black	Soft	1936	1940			
Sd & Sh	Grey	Med	1940	2150			
Sd & Sh	Dk Grey	Soft	2150	2185			
Princeton	Grey	Med	2185	2245 TD	Gas	2202'	1.28 MMCFGPD
					Gas	2215'	±7.0 MMCFGPD

[Handwritten scribbles]

[Handwritten mark]

9269

005-1610
 Issued 06/17/94
 Page 3 of 9
 Expires 06/17/96

RECEIVED
 MAY 3 1 04

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

Permitting Office of Oil & Gas
 WELL WORK PERMIT APPLICATION

- 1) Well Operator: UMC Petroleum Corporation (50410) ① 547
- Operator's Well Number: Loup Creek #15 3) Elevation: 2120'
- Well type: (a) Oil / or Gas /
- (b) If Gas: Production / Underground Storage /
 Deep / Shallow /
- Proposed Target Formation(s): Gordon 419
- Proposed Total Depth: 4500' feet
- 7) Approximate fresh water strata depths: 904' (From 47-005-0700)
- 8) Approximate salt water depths: 3469', 3626', 3635', (?) (From 47-005-0700)
- 9) Approximate coal seam depths: 1576', 2002' (From 47-005-0700)
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: To drill and frac new well.
- 12)

19269

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#	2050'	2050'	CTS 38CSRIA #1-3 38CSRIA #2-2
Intermediate						
Production	4 1/2"	J-55	10.5#		4370'	300
Tubing						
Liners						38CSRIA #1

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

062929
 18

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

REC'D

Page 1 of 9
Form WW2-A
(09/87)
File Copy

Environmental
MAY 31 04
Permitting
Office of Oil & Gas

1) Date: May 27, 1994
2) Operator's well number
Loup Creek #15
3) API Well No: 47 - 05 - 1610
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 _____

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 _____

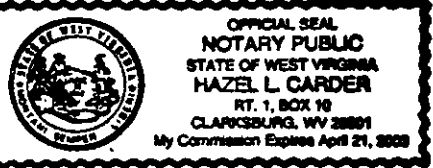
6) Inspector Richard S. Campbell
Address P.O. Box 77
Sumerco, WV 25567-0060
Telephone (304)- 524-7939

(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
 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 9 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 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