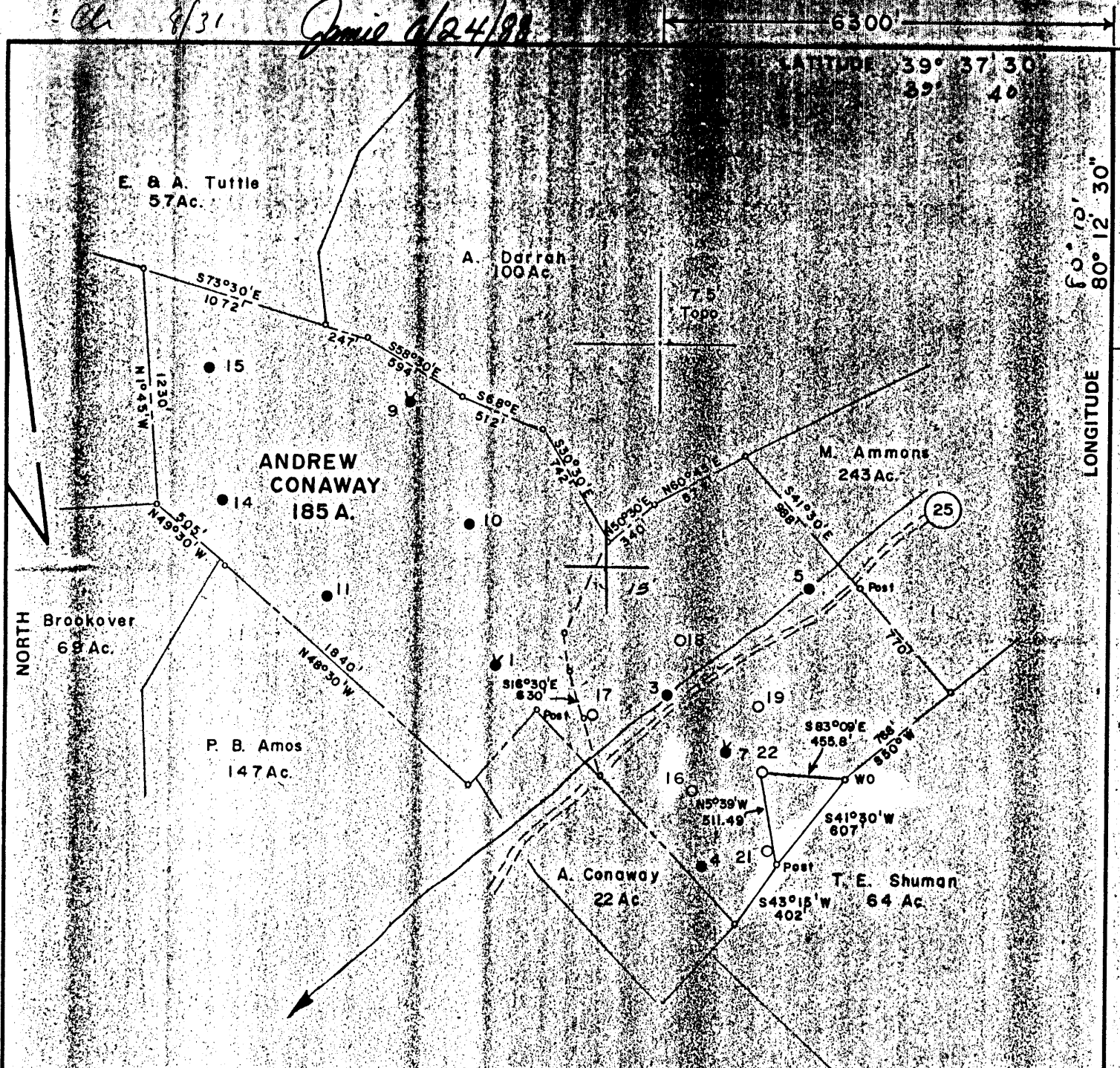
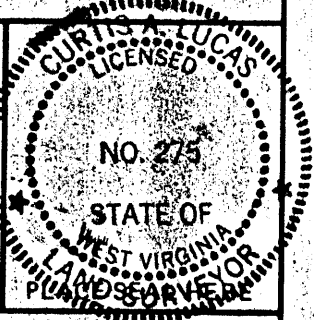


8/31 *Janie 1/24/98*



FILE NO. 920
 MAP 62E SQS N11-12 E22
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1 in 5000
 PROVEN SOURCE OF ELEVATION A. Conway 3, Elev. 1079.47 Ft.

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 MINES.
 (SIGNED) *Curtis A. Lucas*
 CURTIS A. LUCAS LLS 275



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE Aug. 25 1981
 FARM Andrew Conway NO. 22
 API WELL NO. 47-061-0631-P
 STATE WV COUNTY MONONGAHELI PERMIT 185

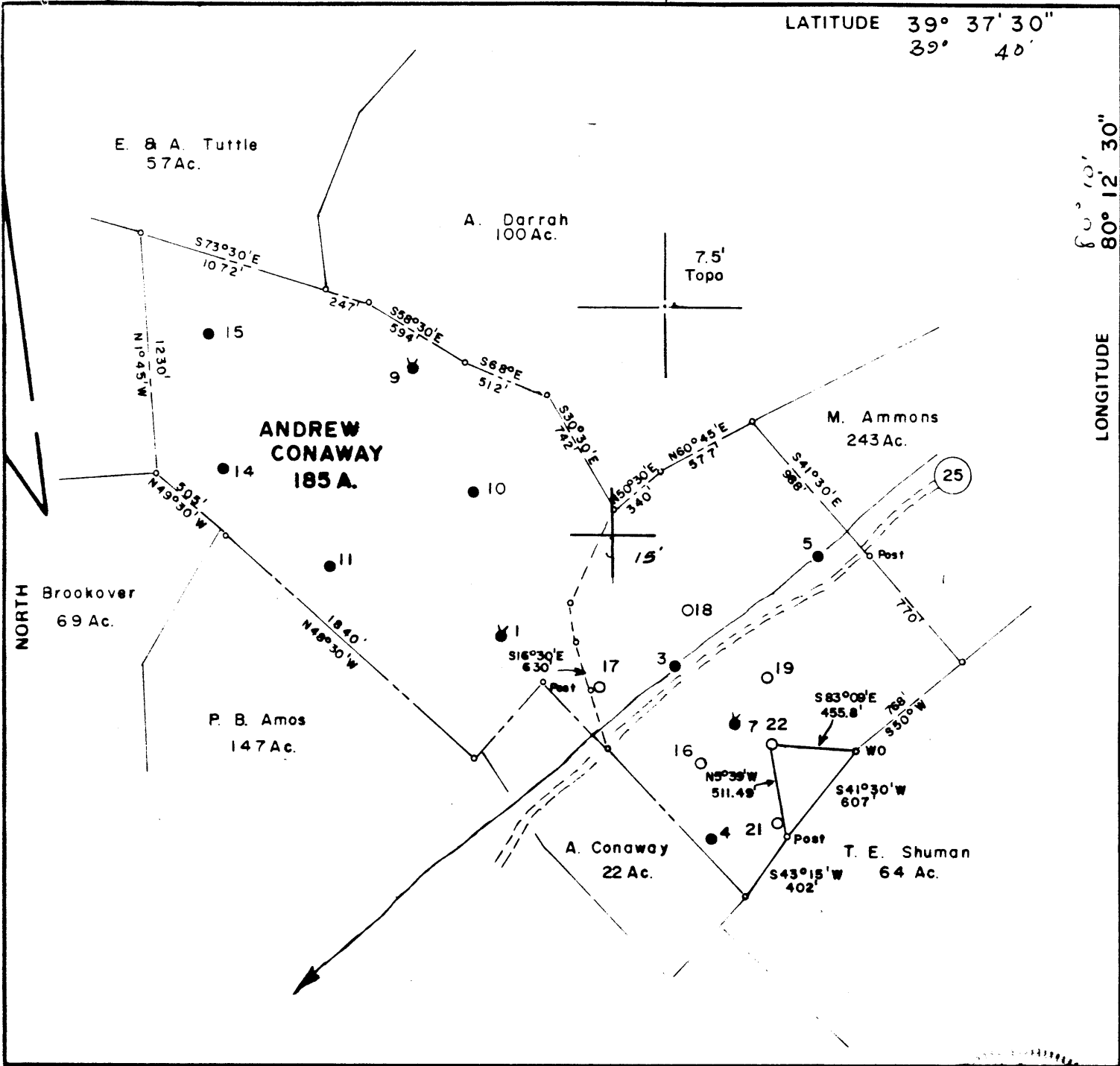
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1219.96 WATER SHED Bennefield Prong
 DISTRICT Clay COUNTY Monongalia
 QUADRANGLE Grant Town 7.5'
 SURFACE OWNER CLIFFORD O. YOST ACREAGE 21.03
 OIL & GAS ROYALTY OWNER APPALACHIAN ROYALTIES LEASE ACREAGE 185
 LEASE NO. 6907-50
 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 BIG INJUN ESTIMATED DEPTH 2215
 WELL OPERATOR PENNZOIL COMPANY DESIGNATED AGENT JAMES A. CREWS
 ADDRESS P. O. BOX 1588 ADDRESS P. O. BOX 1588
PARKERSBURG, W. V. 26101 PARKERSBURG, W. V. 26101

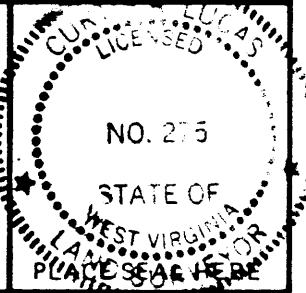
JUL 1 1981

MONONGAHELI COUNTY 0631-P



FILE NO. 920
 MAP N62E S0S N11-12 E22
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1 in 5000
 PROVEN SOURCE OF ELEVATION A. Conaway 3, Elev. 1079.47 Ft.

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 (SIGNED) Curtis A. Lucas
CURTIS A. LUCAS LLS 275



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)

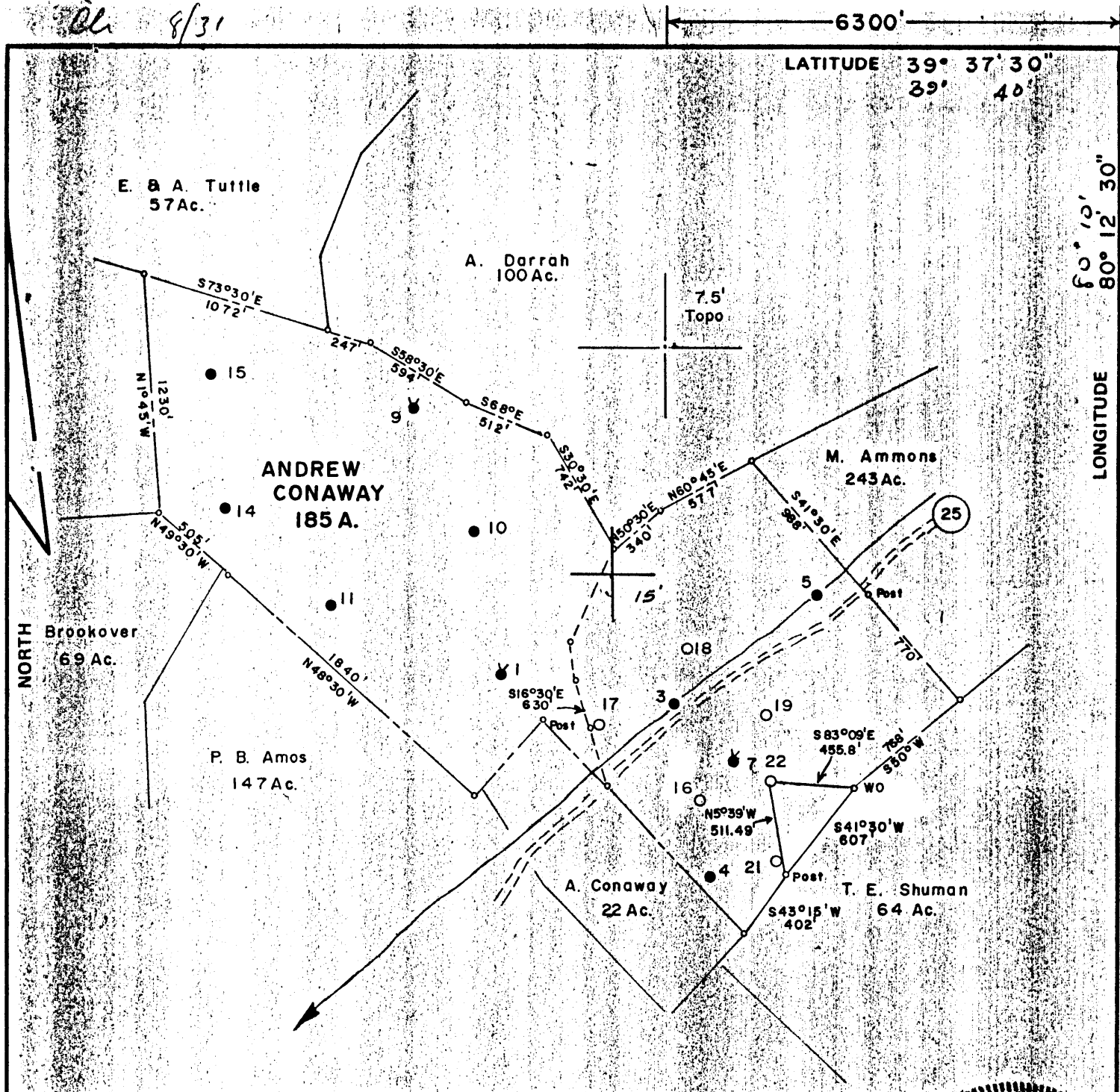


DATE Aug 25, 1981
 FARM Andrew Conaway NO. 22
 API WELL NO. 47-061-0631-Fr
 STATE 47 COUNTY 061 PERMIT 0631-Fr

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

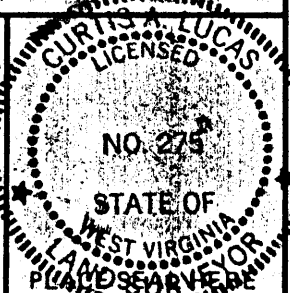
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1219.96 WATERSHED Bennefield Prong
 DISTRICT Clay COUNTY Monongalia
 QUADRANGLE Grant Town 7.5'
 SURFACE OWNER CLIFFORD O. YOST ACREAGE 21.03
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 PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION BIG INJUN ESTIMATED DEPTH 2215'
 WELL OPERATOR PENNZOIL COMPANY DESIGNATED AGENT JAMES A. CREWS
 ADDRESS P. O. BOX 1580 ADDRESS P. O. BOX 1580
PARKERSBURG, W. V. 26101 PARKERSBURG, W. V. 26101

DEC 03 1984



FILE NO. 920
 MAP N62E SQS N11-12 E22
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1 in 5000
 PROVEN SOURCE OF ELEVATION A. Conaway 3, Elev. 1079.47 Fl.

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 MINES.
 (SIGNED) Curtis A. Lucas
 CURTIS A. LUCAS LLS 275



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1219.96 WATER SHED Bennefield Frong
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 QUADRANGLE Grant Town 7.5'
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 PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION BIG INJUN ESTIMATED DEPTH 2215'
 WELL OPERATOR PENNZOIL COMPANY DESIGNATED AGENT JAMES A. CREWS
 ADDRESS P. O. BOX 1588 ADDRESS P. O. BOX 1588
PARKERSBURG, W. V. 26101 PARKERSBURG, W. V. 26101

DATE Aug. 25 19 81
 FARM Andrew Conaway NO. 22
 API WELL NO. 47-061-0631-Frac
 STATE WEST VIRGINIA COUNTY MONONGALIA PERMIT FRAC CANCELLED

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

FEB 18 1987

MONON 0631-FRAC



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JAN 9 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Rotary Oil
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood Storage _____
Disposal _____ (Kind)

Quadrangle Granttown 7.5'

Permit No. 47-061-0631

Company Pennzoil Company
Address P. O. Box 1588, Parkersburg, WV 26101
Farm Andrew Conaway Acres 185
Location (waters) Bennefield Prong
Well No. 22 Elev. 1219.96'
District Clay County Monongalia
The surface of tract is owned in fee by _____
Mrs. Clifford Yost
Address Fairview, WV
Mineral rights are owned by Appalachian Royalties
Address P.O. Drawer 1917, Clarksburg,
Drilling Commenced 10-2-81 WV
Drilling Completed 10-5-81
Initial open flow 7000 cu. ft. 1/2 bbls.
Final production 7000 cu. ft. per day 1/2 bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	785	785	400 sks.
7			
5 1/2			
4 1/2	2189	2189	150 sks.
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Fractured: 3-8-82 w/1000 gals. 15% HF acid, 104 BGW, 1000# 20/40,

Perf. (2067-74) (2076-82) 2-94-97; (2102-05; 2109-13; 2122-23/ Total 30H

7mcf + 0.580

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet
Producing Sand Big Injun 2067-2123 Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			0	282		
Coal			282	288		
Shale			288	686		
Coal			686	694		
Shale & Sand			694	1869		
Little Lime			1869	1898		
Big Lime			1898	1978		
Loyalhanna Big Injun			1978	2048		
Pocono Big Injun			2048	2160		
Shale			2160	2195		
Total Depth				<u>2195</u>		
PBD				2169		

JAN 31 1983

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks

Date Apr 29 1982

APPROVED: [Signature] Owner



1) Date: October 30, 19 84
 2) Operator's Well No. Andrew Conway #22
 3) API Well No. 47 - 061 - 0631-FRAC
 State 061 County 061 Permit 0631 FR

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
 5) LOCATION: Elevation: 1219.96 Watershed: Bennefield Prong
 District: Clay County: Monongalia Quadrangle: Grant Town 7.5'
 6) WELL OPERATOR Pennzoil Company 7) DESIGNATED AGENT James A. Crews
 Address P.O. Box 1588 Address P.O. Box 1588
Parkersburg, W. Va. 26102 Parkersburg, W. Va
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Donald Ellis Name _____
 Address 2604 Crab Apple Lane Address _____
Fairmont, W. Va. 26554
 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Big Injun
 12) Estimated depth of completed well, 2195 feet
 13) Approximate trata depths: Fresh, _____ feet; salt, _____ feet.
 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes No

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 OCT 30 1984

OIL & GAS DIVISION
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well			
Conductor										Kinds
Fresh water										
Coal										Sizes
Intermediate										
Production						See Old Well Record				Depths set
Tubing										
Liners										Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-061-0631-FRAC Date November 21, 19 84

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires November 21, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>112</u>	<u>TS</u>	<u>MM</u>	<u>MM</u>	<u>18212</u>

Margaret J. Hesse
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

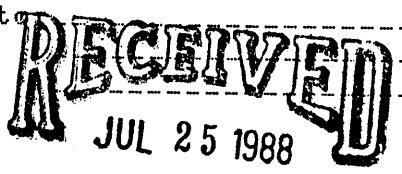
AFFIDAVITE SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: YOST, CLIFFORD Operator Well No.: CONWAY 22

LOCATION: Elevation: 1219.96 Quadrangle: GRANT TOWN
District: CLAY County: MONONGALIA
Latitude: 4200 Feet South of 39 Des. 37 Min. 30 Sec.
Longitude 6300 Feet West of 80 Des. 12 Min. 30 Sec.

Company: R. L. Wharton Ltd. dba Coal Operator Eastern Assoc. Coal Corp.
Ross & Wharton Gas Co. or Owner Grant Town,
9 1/2 Franklin St., Buckhannon, WV WV 26574

Agent: Mike Ross Coal Operator
Inspector: Donald Ellis or Owner
Permit Issued: 06/30/88



AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Upshur ss:

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Larry Helmick and Thearl Clutter 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 R. L. Wharton Ltd., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 19th day of July, 1988, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	2195	2095		
Gel	2095	0	920' of 4 1/2"	1269
Cement	920	750	0 of 8"	785 of 8"

[Signature] 7/26/88

Description of monument: 7" casing above ground 30" & extended

and that the work of plugging and filling said well was completed on the 22 day of July, 1988.

And further deponents saith not. Larry P. Helmick

Sworn and subscribe before me this 22 day of July, 1988.
My commission expires: November 3, 1993

Notary Public **AUG 01 1988**