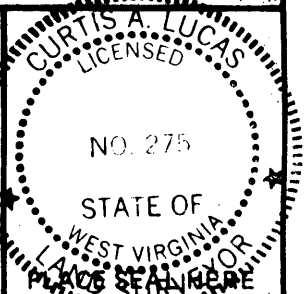


FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION PENNZOIL CO. RECORDS

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 PS 275



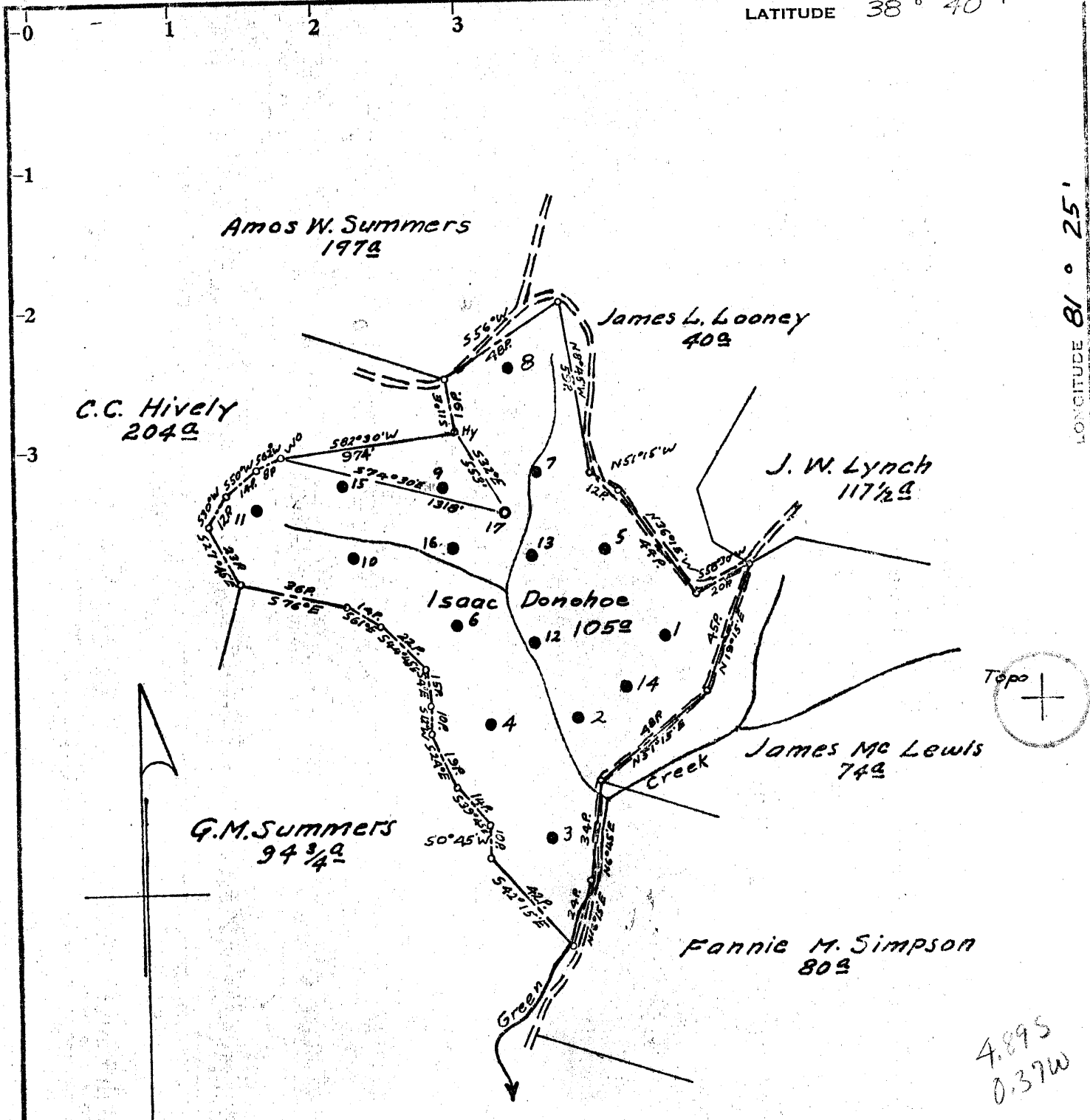
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE FEB 4, 19 95
 OPERATOR'S WELL NO. DONOHOE 17
 API WELL NO. 47 - 87 - 01775 - P
 STATE COUNTY PERMIT

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 941.48 WATER SHED GREEN CREEK
 DISTRICT WALTON COUNTY ROANE
 QUADRANGLE KETTLE
 SURFACE OWNER BILL NAYLOR ACREAGE _____
 OIL & GAS ROYALTY OWNER GROVER F HEDGES JR et al LEASE ACREAGE 1.05
 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) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG _____
 TARGET FORMATION BIG INJUN ESTIMATED DEPTH 2016
 WELL OPERATOR G B HEFNER & ASSOC DESIGNATED AGENT G E HEFNER
 ADDRESS DBA ROCK CREEK OIL CO ADDRESS P O BOX 249 BRIDGEPORT WV 26330



4.895
0.37W

Minimum Error of Closure 1' in 200'

Source of Elevation Isaac Donohoe Well No. 13, Elev. 938.77,

Pennzoil United, Inc. Records

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

Signed: A.C. Hilbert
 Map No. 70 Squares: N S 58 E W 46

Company	PENNZOIL UNITED, INC.		
Address	P. O. Box 1588, Parkersburg, W. Va.		
Farm	Isaac Donohoe		
Tract	Acres	Lease No.	105 82752
Well (Farm) No.	17	Serial No.	
Elevation (Spirit Level)	941.48		
Quadrangle	Walton		WC
County	Roane	District	Walton
Engineer	<u>A.C. Hilbert</u>		
Engineer's Registration No.	2534		
File No.	1500	Drawing No.	
Date	July 30, 1969	Scale	1" = 800'

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

WELL LOCATION MAP

FILE NO. Roa-1775

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

Allen



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

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Walton 38°45'
4-55
Permit No. ROA-1775

WELL RECORD

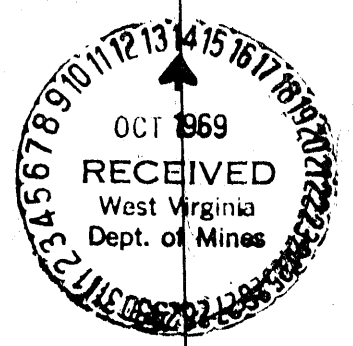
Oil or Gas Well Injection
(KIND)

Company PENNZOIL UNITED, INC.
Address Box 1588, Parkersburg, W. Va.
Farm Isaac Donohoe Acrea 105
Location (waters) _____
Well No. 17 Elev. 941.48'
District Walton County Roane
The surface of tract is owned in fee by Eva M. Jarrett
Route 1 Address Walton, W. Va.
Mineral rights are owned by Grover F. Hedges, Jr., et al
Spencer Address W. Va.
Drilling commenced August 1, 1969
Drilling completed August 6, 1969
Date Shot --- From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Formation
13			Size of <u>4 1/2"</u>
10			Depth set <u>1969.83</u>
<u>8 5/8</u>	<u>93.15</u>		
6 3/4			
5 3/16			
4 1/2	<u>1969.83</u>	<u>G.M.</u>	
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____
Attach copy of cementing record <u>8-5-69</u>			<u>93.15</u> <u>8-1-69</u>
CASING CEMENTED <u>4 1/2</u> SIZE <u>1969.83</u> Ft.			<u>8-7-69</u> Date
Amount of cement used (bags) <u>65 bags (8-5/8")</u>			
Name of Service Co. _____			<u>350 Bags (4-1/2")</u>
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
_____ FEET _____ INCHES			_____ FEET _____ INCHES
_____ FEET _____ INCHES			_____ FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____ **INACTIVE INJECTION WELL**
ROCK PRESSURE AFTER TREATMENT _____ HOURS
Fresh Water _____ Feet _____ Salt Water _____ Feet
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Rock			0	53			
Sand			53	60			
Shale			60	101			
Red Bed Shale			101	247			
Shale w/SBSKS			247	1368			
Salt Sand			1368	1795			
Little Lime			1795	1828			
Pencil Cave			1828	1830			
Big Lime			1830	1871			
Keener			1871	1976			
Big Injun			1976	2015			
Shale			2016	2016			
Total Depth				2016'			



(over)

OCT 27 1969

RECEIVED
OFFICE OF OIL AND GAS

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

APR 21 1995

AFFIDAVIT OF PLUGGING AND FILLING WELL

WV Division of Environmental Protection
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: NAYLOR, BILL Operator Well No.: I. DONOHOE 17

LOCATION: Elevation: 941.00 Quadrangle: KETTLE
District: WALTON County: ROANE
Latitude: 10600 Feet South of 38 Deg. 37 Min. 30 Sec.
Longitude: 2100 Feet West of 81 Deg. 25 Min. 0 Sec.

Well Type: OIL x GAS _____
Company: G B HEFNER & ASSOC dba
ROCK CREEK OIL CO
P O BOX 249
BRIDGEPORT WV 26330

Coal Operator _____
or Owner _____
Coal Operator _____
or Owner _____

Agent: G B HEFNER

Permit Issued: 02/24/95

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of ROANE ss:

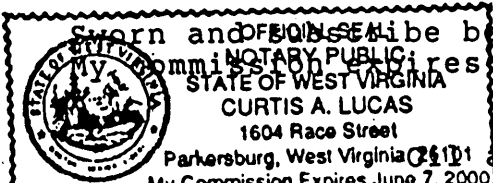
MICHAEL D. MCKINNEY and DAVID WHITE, JR. being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and HOMER DOUGHERTY Oil and Gas Inspector representing the Director, say that said work was commenced on the 6th day of April, 1995, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Gel	2016	1980	8 5/8 0	93 (Cmtd)
Cement	1980	1808	4 1/2 0	1969 (Cmtd)
Gel	1808	1214	2 3/8 1980	0
Cement	1214	1098		
Gel	1098	100		
Cement	100	surface		

Description of monument: 4 1/2" casing extending 30" above surface and that the work of plugging and filling said well was completed on the 10th day of April, 1995.

And furthur deponents saith not.

Michael D. McKinney
David D. White, Jr.



Sworn and subscribed before me this 17th day of April, 1995
June 7, 2000
Curtis A. Lucas
Notary Public

and Gas Inspector: _____
My Commission Expires June 7, 2000