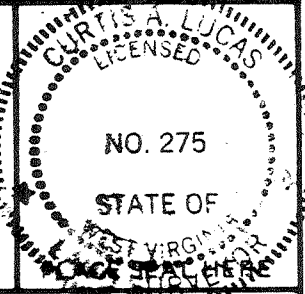


FILE NO. 1344  
 MAP 72 sq. S-55 W-55  
 SCALE 1" = 800'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION W.M. LOONEY 30  
1079.63'

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 MAY 19 19 83  
 FARM P.A. TALLMAN NO. 70  
 API WELL NO. 47 - 087 - 3775-LI  
 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 1054.59 WATER SHED Sycamore Fork  
 DISTRICT Smithfield COUNTY Roane  
 QUADRANGLE Tariff 7 1/2' Other 15' WC  
 SURFACE OWNER Doyle D. Jones ACREAGE 120.5  
 OIL & GAS ROYALTY OWNER Anna Lee Collins LEASE ACREAGE 2350  
 LEASE NO. 81216-50  
 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 2130'  
 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

JUN 21 1983

8-0 Tariff (Tallman) (199)

CG-10  
Rev. 9-81

# RECEIVED

NOV 1 - 1983



OIL & GAS DIVISION  
DEPT. 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 \_\_\_\_\_

Ownership Tariff 7.5'

Permit No. 47-087-3775-Li

Company Pennzoil Company  
Address P. O. Box 1588, Parkersburg, WV 26101  
From P. A. Tallman Acres 2350  
Location (w/less) Sycamore Fork  
Well No. 70 Elev. 1054.59  
District Smithfield County Roane  
The surface of tract is owned in fee by Doyle Jones  
Address Left Hand, WV  
Mineral rights are owned by Anna Lee Collins  
Address 1009 Main St., Point Pleasant, WV  
Drilling Commenced 7-18-83  
Drilling Completed 7-22-83  
Initial open flow WIW cu. ft. \_\_\_\_\_ bbls.  
Final production \_\_\_\_\_ cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill Cu. ft. (Sk)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8			
7	326	326	110 sks
4 1/2			
4 1/2	2150	2150	75 sks
3			
2			
Liners Used			

Well treatment details:  
Fractured: 10/5/83 w/250 gls. 15% HCL, 160 BGW, 1500# 20/40 sd  
Attach copy of cementing record.

Perf: 2076-2090/14H *Tajun*

Coal was encountered at NR Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water: NR Feet \_\_\_\_\_ Salt Water NR Feet \_\_\_\_\_  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Sand			0	80		
Shale			80	154		
Sand, Shale			154	1552		
Salt Sand			1552	1847		
Shale, Sand			1847	1900		
Little Lime			1900	1940		
Blue Monday			1940	1947		
Pencil Cave			1947	1962		
Big Lime			1962	2068		
Sand <i>Tajun</i>			2068	2194		
Pocono Shale			2194	2156		
Total Depth				2156		

JAN 23 1984



27) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	7				X	310	310	Cement to Surface	Neat
Coal									Sizes
Intermediate									
Production Tubing	4-1/2	K55	9.5	X		2130	2130	Over Salt Sand	Depths
Liners									Perforations
									Top Bottom

28) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

The person signing this document shall make the following certification:

Pennzoil Company  
Well Operator

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document 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.

By Curtis A. Luman  
Its Supervisor, Surveying & Mapping

W A I V E R

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19\_\_\_\_.

By: \_\_\_\_\_  
Its \_\_\_\_\_

OFFICE USE ONLY

PERMIT

Permit number 47-087-3775-LI

June 13 19 83  
Date

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 prior to the construction of roads, locations and pits for any permitted work. (Refer to No. 10)

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.

Permit expires February 13, 1984 unless work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>OK m.g.</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>15355</u>
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[Signature]  
Administrator, Office of Oil and Gas