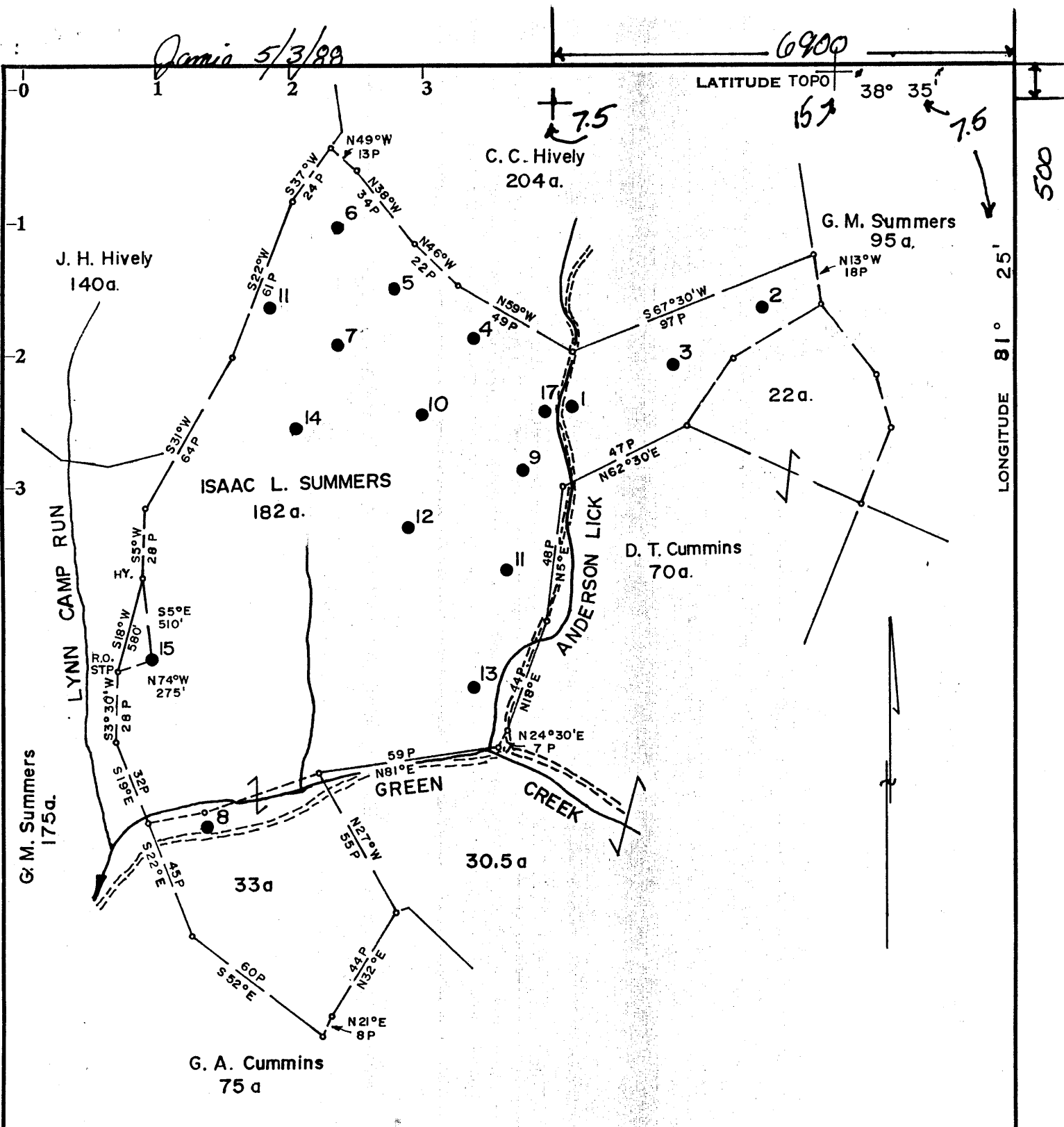


Janis 5/3/88



Minimum Error of Closure 1' in 200'
 Source of Elevation U.S.C. & G. BM "294-1956"
 Elev. 1070'

Fracture..... 6-8-72
 New Location.....
 Drill Deeper.....
 Abandonment..... 5-4-88

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.

Signed: Curtis A. Lucas
 Map No. 80 Squares: N S 59 E W 47

Company— Pennzoil Products, Inc.
 Address P. O. Box 1588, Parkersburg, W. Va.
 Farm I. L. Summers
 Tract Acres 215 Lease No. 82759-50
 Well (Farm) No. 15 Serial No. _____
 Elevation (Spirit Level) 1025.75 Gr
 Quadrangle Walton 15 Kettle 7.5
 County Roane District Walton
 Surveyor Curtis A. Lucas
 Surveyors Registration No. 275
 File No. 1539 Drawing No. _____
 Date June 7, 1972 Scale 1" = 800'

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

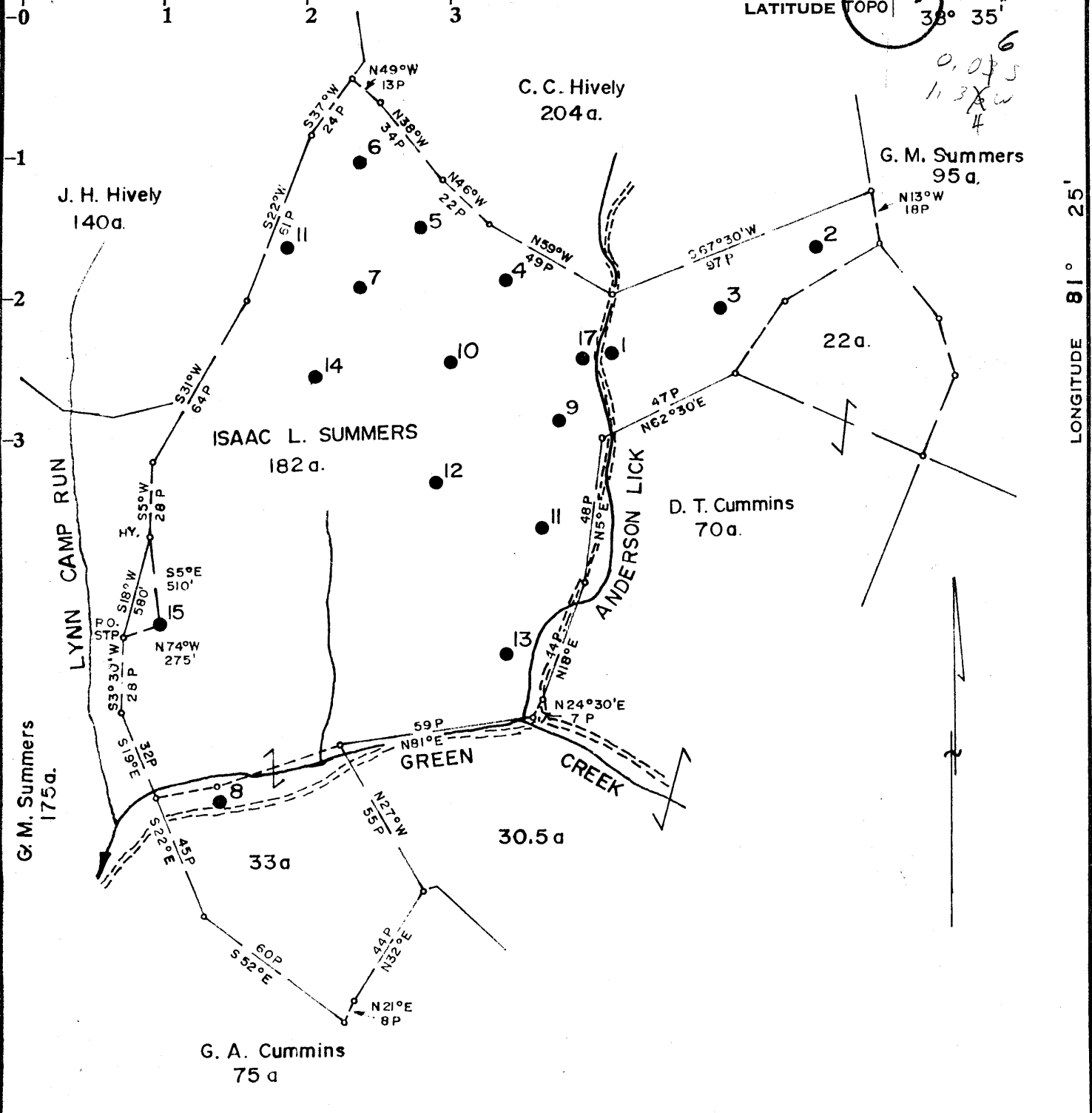
WELL LOCATION MAP

FILE NO. 47-087-3101-F-PLUG

+ 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.

MAY 09 1988



0.075
1.38
4

Minimum Error of Closure 1' in 200'
 Source of Elevation U.S.C. & G. BM "Z94-1956"
 Elev. 1070'

- Fracture
- New Location
- Drill Deeper
- Abandonment

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.

Signed: *Curtis A. Lucas*

Map No. 80 Squares: N S 59 E W 47

Company: PENNZOIL COMPANY, INC.
 Address: P. O. Box 1588, Parkersburg, W. Va.
 Farm: I. L. SUMMERS
 Tract: Acres 182 Lease No. 02759-50
 Well (Farm) No. 15 Serial No. _____
 Elevation (Spirit Level) 1025.75 Gr
 Quadrangle: Walton SW
 County: Boone District: Walton
 Surveyor: *Curtis A. Lucas*
 Surveyors Registration No. 275
 File No. 1539 Drawing No. _____
 Date: June 7, 1972 Scale 1" = 800'

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

WELL LOCATION MAP
 FILE NO. *Roa 131 Inc.*
 3101

+ 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.

OWWO ~~to~~ 8-0 6-6 (196) orig. Walton (196)

JUN 16 1972

I. L. HIRSHES NO. 15 WELL.

Walton District, Boone County, W. Va.

By Clifton Oil & Gas Co.

Contractor, H. H. Hunt.

Elevation, 1074' L.

Drilling commenced Aug. 25, 1926; completed Oct. 21, 1926.

Shot Oct. 21, 1926, with 90 lbs., at 2045-2080'.

11-12-26. 1 qt. anchor below barrel, perforation about 6' from bottom.

4/15; - 20/10 % through 1 1/2" = 79,000 cu. ft.

Conductor, 17'; 10" casing, 400' (pulled); 8", 340' (pulled);

6 1/2", 1920' (left in).

Record in Eastern Petroleum Co. Well Record book of Clifton Oil & Gas Co.

	Top.	Bottom.
Little Dunkard Sand	765	- 785
Big Dunkard Sand	830	- 925
First Salt Sand (water, 1560')	1485	- ----
Second Salt Sand	----	- 1853
Little Linc	1853	- 1893
Pencil Cave	1893	- 1903
Big Linc	1903	- 2035
Big Injun Sand (gas, 2035-2055') (oil, 2075-2085')	2035	- 2085
Total depth		2090

WELL RECORD

87-3101
~~ROA 131 F-200~~

PRODUCTION FIRST 24 HOURS FROM 1st Injun Sand 11/2 Blbs. Approved.
1st Summers Sand 11/2 Blbs. By 11/2 Supt.
 FARM No. OF LEASE No. ACRES
 DISTRICT Sumner COUNTY Wyo. STATE

WELL No. 15 DATE OF LOCATION 19.....
 RIG COMMENCED 19.....
 RIG COMPLETED 19..... } C. B. Hunt CONTRACTOR
 DRILLING COMMENCED August 25 1926 }
 DRILLING COMPLETED October 21 1926 } Clefton Oil Co. CONTRACTOR

CASING RECORD

Size	CHARGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED Before Completion		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
10"			400	-			400	-						
8 1/4"			840	-			840	-						
6 3/8"	1920		1920	-					1920	-				

Formation	Top	Bottom	Remarks
Conductor		13	1020 1/2
Native Coal			None
Pittsburgh Coal			None
Little Dunkard Sand	765	785	1025.75 (Shot Oct. 21-1926 - 30 grams 2055' - 2075')
Big Dunkard Sand	800	925	
First Salt Sand	1485		11/2-56- 1 ft. lumps below old exploration about 6' from bottom
Second Salt Sand		1853	
Water	1560		415 20/10 Water Thru 1 1/2" = 79000
Maxon Sand			
Little Lime	1853	1893	
Pencil Cave	1893	1903	
Big Lime	1903	2035	
Big Injun Sand	2035	2085	Has 5" GR/Caliper
Gas	2035	2055	
First Pay	2075	2085	
Second Pay			
Water			
Squaw Sand			
Gantz Sand			
Fifty Foot Sand			
Thirty Foot Sand			
Gordon Stray Sand			
Gordon Sand			ABANDONED 19.....
Gas			Size Casing Pulled Casing Left In
First Pay			
Second Pay			
Fourth Sand			
Fifth Sand			
Gas			
Oil			
Bayard Sand			
Total Depth			2090

$$79 = 33.33(d^2)1.4142136$$

$$d = 1.295"$$

REMARKS

87-3101

FORM 534

Roa-3101-F
FILE NO. Roa-131-Frac.

PENNZOIL UNITED, INC. — COMPLETION

SERIAL NO. _____ FARM I. L. Summers WELL NO. 15
ELEVATION 1025.75 Gr. S. 59 E. _____ W. 47
LEASE NO. 82759-50 ACRES 182

WATERS OF _____ MAP NO. 80
DISTRICT Walton COUNTY Roane STATE W. Va.

DRILLING COMMENCED _____ COMPLETED 6-28-72 DEPTH 2055 2090

SANDS	TOP	BOTTOM	ELEV. TOP	CASING
PGH. COAL OR BIG LIME				
<u>Big Injun</u>	<u>2035</u>	<u>2055</u>		

PACKERS AND DEPT. SET

INITIAL PROD. _____ SAND Big Injun DEPTH _____

GAS TEST Final - Salt Water Disposal Well

SHOT - FRAC. w/30,000# 20/40 sd., 852 Bbls. Salt Water

REMARKS _____

REPORTED BY _____ AREA _____ ABANDONED _____

PENNZOIL COMPANY

601 GRAND CENTRAL AVENUE • VIENNA, W. VA. 26105 • PHONE (304) 422-6565
Mailing Address P.O. Drawer 1588, Parkersburg, West Virginia 26101

Mr. Robert L. Dodd, Deputy Director
Oil and Gas Division
Department of Mines
1204 Kanawha Boulevard, East
Charleston, West Virginia 25301

RECEIVED

AUG 18 1973

DEPT. OF MINES

Dear Mr. Dodd:

FRACTURE RECORD

Well Name and No: I. L. Summers No. 15

District: Walton

County: Roane

Permit No: Roa-131-Frac.

Completion Date: 6-28-72

Formation fractured: Top 2035
Big Injun Bottom 2055

Material - Sand: 30,000# 20/40
Fluid: 852 Bbls. Salt water

Rock Pressure:

Before fracture - No Test
After fracture - No Test

Test After Fracture:

Oil -
Gas Salt Water Disposal

Very truly yours,

PENNZOIL COMPANY

By Curtis A. Lucas
Curtis A. Lucas
Engineering Dept.

AUG 27 1973



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUN 8 1972

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

-DATE June 7, 1972

Surface Owner E. B. Summers

Company PENNZOIL COMPANY

Address _____

Address Parkersburg, West Virginia 26101

Mineral Owner Quaker State Oil Refining

Farm I. L. Summers Acres 215

Address Box 1327

Location (waters) Lynn Camp Run of Green Cr.

Coal Owner Parkersburg, W. Va., 26101

Well No. 15 Elevation 1025.75 Gr

Address _____

District Walton County Roane

Coal Operator NO COMMERCIAL COAL

Quadrangle Walton

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22,
of the W. Va. Code, the location is hereby approved
for fracturing. This permit shall expire if
operations have not commenced by October 8, 1972.

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Fred Burdette
Sissonville, WV. PH: 984-9263

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated September 12, 1906 by I. L. Summers, et al made to Louis F. Payn and recorded on the _____ day of _____ 19____, in _____ County, Book 9 Page 560

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, PENNZOIL COMPANY

(Sign Name) Curtis A. Lucas
Well Operator Curtis A. Lucas, Surveyor

P. O. Box 1588

Street

Parkersburg,

City or Town

West Virginia 26101

State

Address
of
Well Operator

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

ROA-131-FRAC. PERMIT NUMBER

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Hank Pence _____ NAME _____
 ADDRESS _____ ADDRESS _____
 TELEPHONE _____ TELEPHONE _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2090 _____ ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun _____
 TYPE OF WELL: OIL _____ GAS COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 28	13	13'	
9 - 5/8 10	400		
8 - 28 8-1/4	840		
7			
5 1/2 6-5/8	1920	1920	
4 1/2		Approx. 2020'	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

 For Coal Company

 Official Title

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

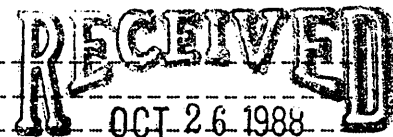
AFFIDAVITE SHOULD BE IN TRIPPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: GREATHOUSE, WILLIAM Operator Well No.: I.L.SUMMERS 15

LOCATION: Elevation: 1025.75 Quadrangle: KETTLE
District: WALTON County: ROANE
Latitude: 500 Feet South of 38 Deg. 35 Min. 0 Sec.
Longitude 6900 Feet West of 81 Deg. 25 Min. 0 Sec.

Company: Pennzoil Products Company Coal Operator _____
P. O. Box 5519 or Owner _____
Vienna, WV 26105-5519

Asent: James A. Crews Coal Operator _____
Inspector: Homer Dougherty or Owner _____
Permit Issued: 05/04/88



AFFIDAVIT

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

STATE OF WEST VIRGINIA,
County of Roane ss:

X Dale Workman and X Larry A. Cottrell beins
first duly sworn accordins to law depose and say that they are experienced
in the work of plussins and filling oil and gas wells and were employed by
Pennzoil Products Company, well operator, and participated in the
work of plussins and filling the above well, that said work was commenced
on the 19th day of September, 1988, and that the well was plugged
and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED		LEFT
Gel	2051	2020	6-5/8	598	1322
Cement	2020	1820	4-1/2	2038.18	0
Gel	1820	566			
Cement	566	466			
Gel	466	404			
Cement	404	304			
Gel	304	60			
Cement	60	Surface			

Description of monument: one joint 6-5/8" casing extending 30" above surface

and that the work of plussins and filling said well was completed on
the 22nd day of September, 1988.

And furthur deponents saith not.

X Larry A. Cottrell
X Dale Workman OCT 28 1988

Sworn and subscribe before me this 25th day of October, 1988
My commission expires: July 2, 1990

Curtis A. Lucas
Notary Public