



1) Date: June 7, 1983  
 2) Operator's Well No. O. D. Stockly #97  
 3) API Well No. 47 087 2934 -FRAC  
 State County Permit

DRILLING CONTRACTOR:

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil  / Gas \_\_\_\_\_  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow \_\_\_\_\_)
- 5) LOCATION: Elevation: 1137.60' Watershed: Granny's Creek  
 District: Geary County: Roane Quadrangle: Otter 15'
- 6) WELL OPERATOR Pennzoil Company  
 Address P. O. Box 1588  
Parkersburg, WV 26101
- 7) OIL & GAS ROYALTY OWNER Daniel Kahan  
 Address P. O. Box 559  
Tulsa, Oklahoma 74100  
 Acreage 4000
- 8) SURFACE OWNER Walter Gandee  
 Address Ovapa, WV 25150  
 Acreage \_\_\_\_\_
- 9) FIELD SALE (IF MADE) TO:  
 Address \_\_\_\_\_
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Homer H. Dougherty  
 Address Linden Rt., Box 3-A  
Looneyville, WV 25259
- 11) DESIGNATED AGENT James A. Crews  
 Address P. O. Box 1588  
Parkersburg, WV 26101
- 12) COAL OPERATOR NO COMMERCIAL COAL  
 Address \_\_\_\_\_
- 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 15) PROPOSED WORK: Drill \_\_\_\_\_ / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Fracture or stimulate   
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 16) GEOLOGICAL TARGET FORMATION, Injun
- 17) Estimated depth of completed well, 2025 feet  
 18) Approximate water strata depths: Fresh, \_\_\_\_\_ feet; salt, \_\_\_\_\_ feet.  
 19) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes \_\_\_\_\_ / No

RECEIVED  
 JUN - 8 1983  
 OIL & GAS DIVISION  
 DEPT. OF MINES

20) 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		Kinds	Sizes
Conductor										
Fresh water										
Coal										
Intermediate										
Production						See Well Record				Depths set
Tubing										
Liners										Perforations: Top Bottom

21) EXTRACTION RIGHTS

Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes  No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail 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.

Notary: Joyce M. Board  
 My Commission Expires October, 24, 1989

Signed: Curtis A. Lucas  
 Its: Supervisor, Surveying & Mapping

47-087-2934-FRAC.

OFFICE USE ONLY

June 29, 1983

DRILLING PERMIT

09/15/2023

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. (Refer to No. 10) 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.)

Permit expires February 29, 1984

unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>B</u>	Agent: <u>lo</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>NF</u>
----------------	------------------	--------------------------	----------------------------	----------------

Administrator, Office of Oil and Gas

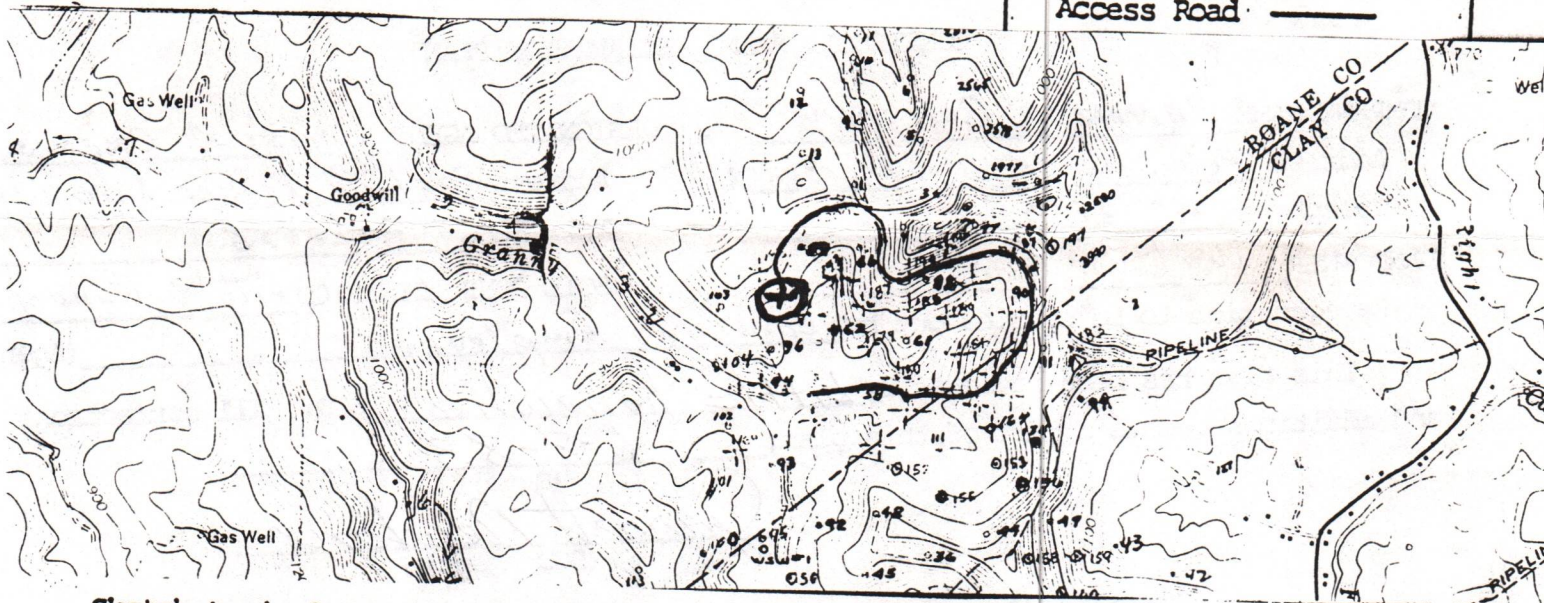
IV-9 REVERSE  
(REV 8-81)

ATTACH OR PHOTOCOPY SECTION OF  
INVOLVED TOPOGRAPHIC MAP,  
QUADRANGLE Newton 7 1/2

LEGEND

Well Site ⊕

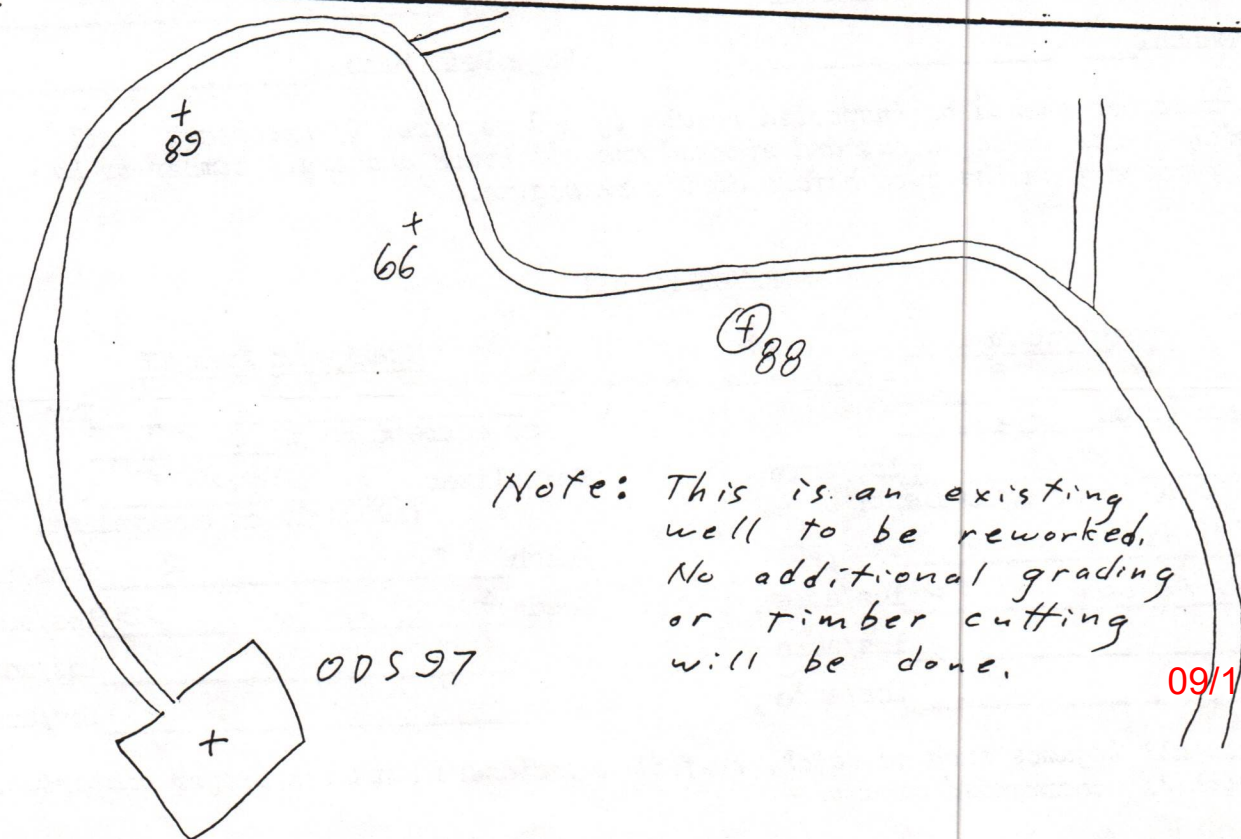
Access Road ———



Sketch to include well location, existing access road, roads to be constructed, wellsite drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary ———	Diversion ———
Road = = = = =	Spring ⊙ →
Existing fence — X — X —	Wet spot ⊕
Planned fence — / — / —	Building ■
Stream ~ ~ ~ ~ ~	Drain pipe — ○ — ○ — ○ — →
Open ditch — ···· → — ···· → — ···· →	Waterway ← = = = = =



Note: This is an existing well to be reworked. No additional grading or timber cutting will be done.

ODS 97

09/15/2023

RECEIVED



IV-9  
(Rev 8-81)

JUN 10 1983

DATE June 7, 1983

WELL NO. O. D. Stockly 97

API NO: 47 - 087 - 2934

OIL & GAS DIVISION  
DEPT. OF MINES  
State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME PENNZOIL COMPANY  
Address P.O. Box 1588, Parkersburg, WV  
Telephone 422-6565

DESIGNATED AGENT JAMES A. CREWS  
Address Box 1588, Parkersburg, W.V.  
Telephone 422-6565

LANDOWNER Walter Gandee

SOIL CONS. DISTRICT Little Kanawha  
(Agent)

Revegetation to be carried out by Company Employees

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 6-8-83

Jarrett Newton  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure See Notes (A)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (B)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (C)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure See Notes (1)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (2)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (3)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5  
Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch Straw 2 Tons/acre  
Seed\* Ky 31 Fescue 50 lbs/acre  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
lbs/acre

Treatment Area II

Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5  
Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch Straw 2 Tons/acre  
Seed\* Ky 31 Fescue 50 lbs/acre  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
lbs/acre

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY Curtis A. Lucas

ADDRESS P.O. Box 1588

Parkersburg, W.V.

NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

09/15/2023



State of West Virginia

OFFICE OF OIL AND GAS  
DEPARTMENT OF MINES

A F F I D A V I T

State of Wood  
County of W. Va.

I, James A. Crews (the designated owner or operator, or authorized representative thereof), after being duly sworn, do depose and say that the undersigned is authorized by the owner of the working interest in the well permit application to which this affidavit is attached do state that (he, she, or it) shall tender to the owner of the oil and gas in place not less than one-eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced, or marketed before deducting the amount to be paid or set aside for the owner of the oil or gas in place, or all such oil or gas to be extracted, produced, or marketed from the well. West Virginia Code 22-4-11(e) (1982).

Signed: James A. Crews

Taken, Subscribed, and sworn to before me this 7th day of June, 1983.

Notary: Curtis G. Leman

My Commission Expires: July 2, 1990

DATE: June 7, 1983  
OPERATOR'S  
WELL NO.: O. D. Stockly #97  
API NO: 47 - 087 - 2934  
State County Perm.

RECEIVED

JUN - 8 1983

OIL & GAS DIVISION  
DEPT. OF MINES

 **PENNZOIL COMPANY**

601 GRAND CENTRAL AVENUE • VIENNA, WV 26105 • PHONE (304) 422-6565

Mailing Address: P.O. Box 1588, Parkersburg, West Virginia 26102

June 7, 1983

Mr. Ted Streit, Administrator  
Oil and Gas Division  
Department of Mines  
1613 Washington Street, East  
Charleston, WV 25311

**RECEIVED**

JUN - 8 1983

OIL & GAS DIVISION  
DEPT. OF MINES

Dear Mr. Streit:

O. D. Stockly, Well No. 97  
Geary District, Roane County

Attached is a copy of Form IV-2 for fracturing the subject well.

Also attached are original and two prints showing the location of the well and two copies of the original well record.

This well was originally completed August 31, 1929, to a depth of 2025'. The assigned permit number is 47-087-2934.

Very truly yours,

PENNZOIL COMPANY

*Curtis A. Lucas*

Curtis A. Lucas  
Civil Engineering Dept.

CAL/lj

Attachments

xc: Daniel Kahan  
Walter Gandee  
Fritz Gesch, Jr.

\*Note: Reclamation will follow in separate mailing.

09/15/2023

Lease No. 606148 *Henry* County *West Va.* State  
 Drilling Commented *7-23* 1929 *61* Contractor *Wm. A. ...* State  
 Drilling Completed *8-31* 1929 *32* Contractor

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Conductor				
Red Rock	16	40	800	1100
Sand	40	100		
Alate	100	120		
Red Rock	120	135		
Sand	135	150		
Alate	150	175		
Red Rock	175	220		
Alate	220	250		
Sand	250	275		
Alate	275	320		
Sand	320	650		
8 1/4" casing		493		
Alate	650	680		
Sand	680	700		
Alate	700	750		
Sand	750	780		
Alate	780	790		
Sand	790	970		
Black Alate	970	990		
Sand	990	1005		
Black Alate	1005	1130		

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount Sand Result	Packer Size	Depth Set
	Feet	In.	Feet	In.	Feet	In.				

Production First 24 Hours..... Bbls. Gas Test.....  
 Approved by..... Superintendent

Lease No. *97* County *West Va.* State  
 Drilling Commented *192* Contractor *Wm. A. ...* State  
 Drilling Completed *192* Contractor

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Sand & Sand	1130	1200		
Alate	1200	1240		
Sand	1240	1360		
Salt Sand	1360	1560		
Salt Water Hole full	1560	1475		
Black Alate	1560	1570		
Sand	1570	1610		
Alate	1610	1750		
Red Rock	1750	1760		
Sand	1760	1765		
Alate	1765	1790		
Little Sand	1790	1815		
Alate	1815	1840		
Blue Monday	1840	1843		
Smile Cover	1843	1858		
Big Sand	1858	1872		
6 5/8" casing	1872	1980		
Big Sand	1980	1874		
Big Sand	1983	2017		
Alate	1983	2003		
Alate	2003	1983		
Alate	2017	2025		
Alate	2025	2025		
Alate	2025	2025		

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount Sand Result	Packer Size	Depth Set
	Feet	In.	Feet	In.	Feet	In.				
8 1/4"	496	6	496	6			9-9-29			
6 5/8"	1898	11			1898	11				

Production First 24 Hours..... Bbls. Gas Test.....  
 Approved by..... Superintendent

08/11/2023

**PENNZOIL COMPANY**

601 GRAND CENTRAL AVENUE • VIENNA, WV 26105 • PHONE (304) 422-6565

Mailing Address: P.O. Box 1588, Parkersburg, West Virginia 26102

September 30, 1983

Mr. Ted Streit, Administrator  
Oil and Gas Division  
Department of Mines  
1613 Washington Street, East  
Charleston, WV 25311

**RECEIVED**  
DEC 7 - 1983

OIL & GAS DIVISION  
**DEPT. OF MINES**

Dear Mr. Streit:

FRACTURE RECORD

Well Name and No: O. D. Stockly, Well No. 97

District: Geary County: Roane

Permit No.: 47-087-2934-F Completion Date: 8/10/83

Formation Fractured: Top- 1967 Material: Sand- 4000# 20/40  
Injun Bottom-1999 Fluid- 270 BGW

Rock Pressure: Test After Fracture:  
After Fracture- Oil- 9 BOPD  
Gas- 4 Mcf/d

Very truly yours,

PENNZOIL COMPANY

*Curtis A. Lucas*  
Curtis A. Lucas  
Civil Engineering Dept.

1jj

09/15/2023

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

**RECEIVED**  
OCT 16 1985

**INSPECTOR'S WELL REPORT**

Permit No. 087-2934 Frac.

DIVISION OF OIL & GAS  
**DEPT. OF ENERGY**  
Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Pennzoil Co.  
 Address Parkersburg, W.VA.  
 Farm O. D. Stackly  
 Well No. #97  
 District Glary County Boane  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/4			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 NAME OF SERVICE COMPANY \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks:  
10-10-85 - Checked reclamation, O.T. to release

10-10-85  
DATE

*Homer H. Dougherty*  
DISTRICT WELL INSPECTOR  
09/15/2023







STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 DIVISION OF OIL AND GAS  
 1615 Washington Street, East  
 Charleston, West Virginia 25311  
 Telephone: 348-3500

ARCH A. MOORE, JR.  
 Governor

October 24, 1985

Pennzoil Company  
 Post Office Box 1588  
 Parkersburg, West Virginia 26101

In Re: Permit No: 47-087-2934-FRAC  
 Farm: O. D. Stockly  
 Well NO: 97  
 District: Geary  
 County: Roane  
 Issued: 6-29-83

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. ONLY the Column checked below applies:

     The well designated by the above captioned permit number has been released under your Blanket Bond.

     Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that executed said bond in your behalf, in order that they may give you credit on their records.

     Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above captioned well will remain under XXXX bond coverage for life of the well.

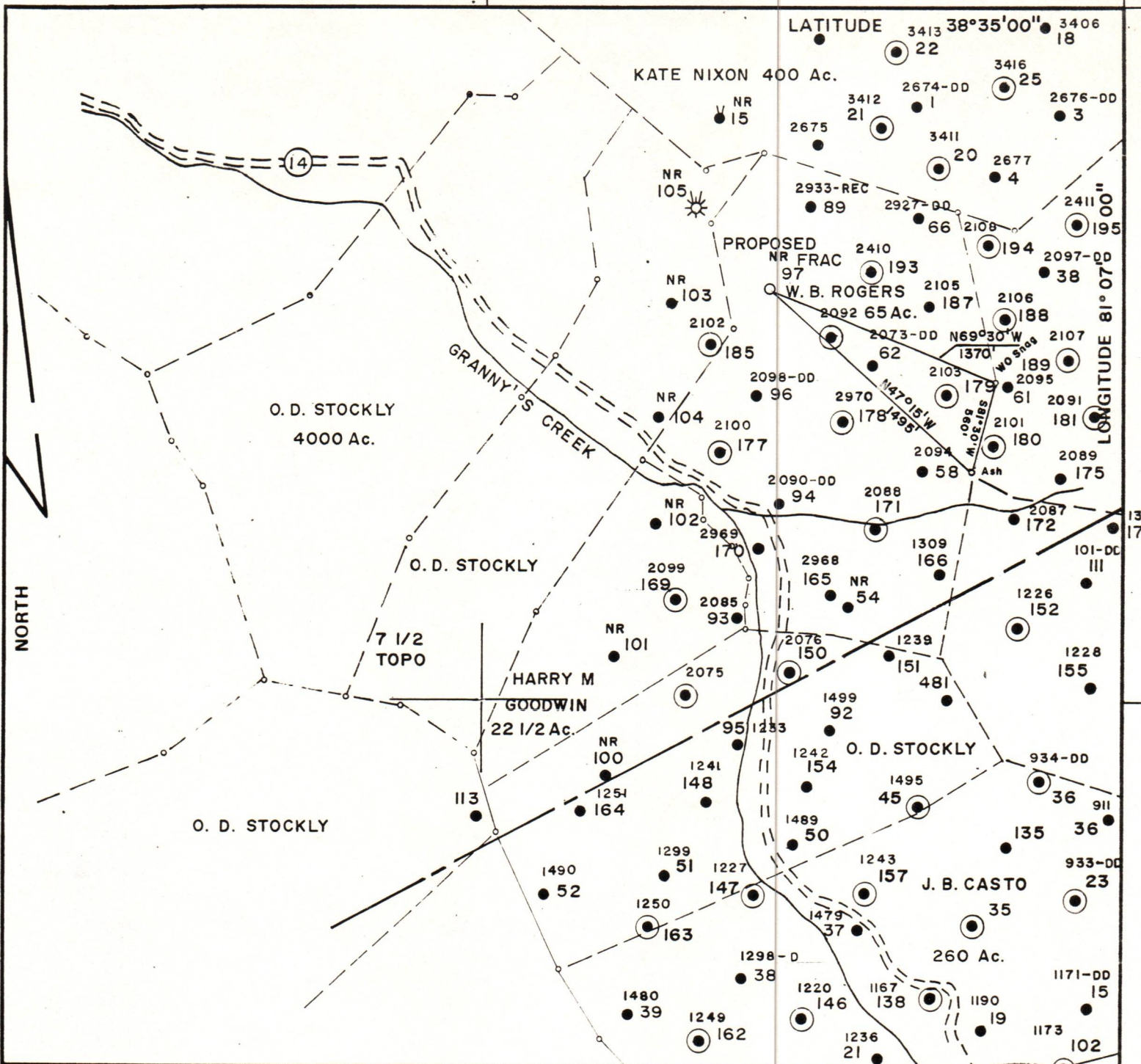
     PERMIT CANCELLED - NEVER DRILLED

Respectively,

Theodore M. Streit

TMS/ nw

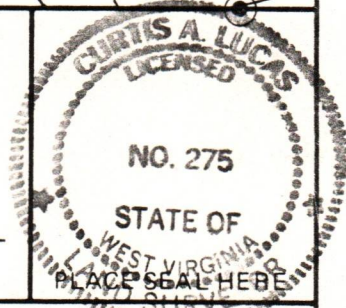
09/15/2023



FILE NO. 604  
 MAP 83 SQS 561 W32  
 SCALE 1" = 800'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION PENNZOIL COMPANY 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 LLS 275



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6 (8-78)



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE JUNE 7, 1983  
 FARM O. D. STOCKLY NO. 97  
 API WELL NO. 47 - 087 - 2934-Frac  
 STATE COUNTY PERMIT

WELL TYPE: OIL X GAS \_\_\_ LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 1139.60' WATER SHED GRANNY'S CREEK  
 DISTRICT GEARY COUNTY ROANE CO.  
 QUADRANGLE NEWTON 7 1/2

SURFACE OWNER WALTER GANDEE ACREAGE \_\_\_\_\_  
 OIL & GAS ROYALTY OWNER DANIEL KAHAN LEASE ACREAGE 4000 Ac.  
 LEASE NO. 60643-50

PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X 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 2025'  
 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