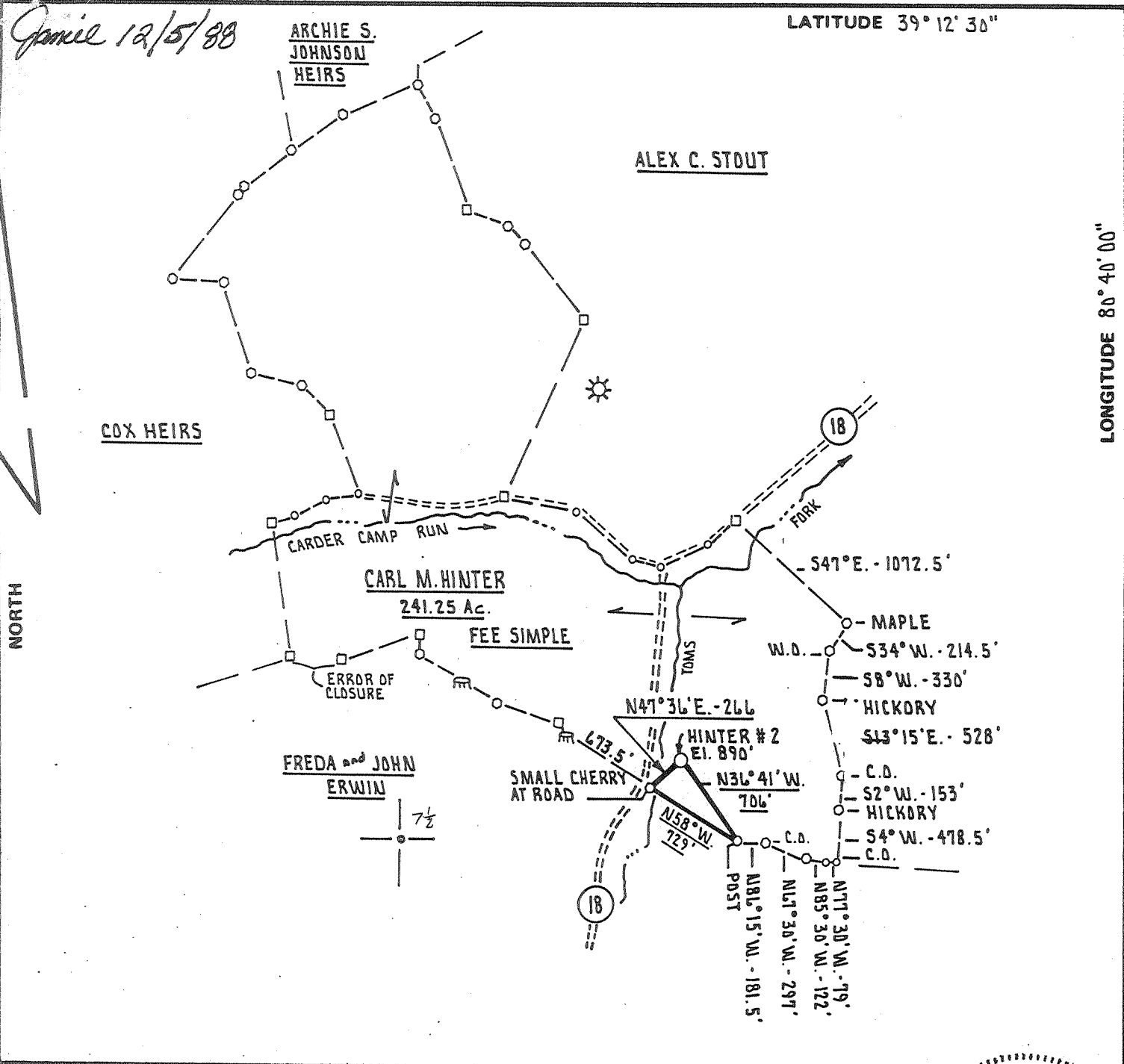
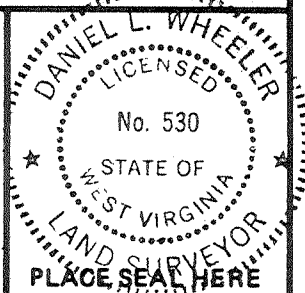


Janice 12/5/88



FILE NO. D.E. 2-75  
 DRAWING NO. VAR. 4-26  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
 PROVEN SOURCE OF ELEVATION USC and GS. BM. 1250 ± NORTH OF LOCATION ELEVATION 883'

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) Daniel L. Wheeler  
 R.P.E. \_\_\_\_\_ L.L.S. 530



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



DATE SEPTEMBER 26<sup>th</sup>, 19 80  
 OPERATOR'S WELL NO. HINTER # 2  
 API WELL NO. \_\_\_\_\_  
47 - 017 - 2843 - 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 890' WATER SHED TOMS FORK  
 DISTRICT NEW MILTON COUNTY DODDRIDGE  
 QUADRANGLE NEW MILTON, W.VA. 7.5'  
 SURFACE OWNER CARL M. HINTER ACREAGE 241.25 Ac.  
 OIL & GAS ROYALTY OWNER CARL M. HINTER LEASE ACREAGE 241.25 Ac.  
 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 BENSON -- ELK ESTIMATED DEPTH 5500'  
 WELL OPERATOR ANGERMAN ASSOCIATES, INC. DESIGNATED AGENT ROBERT WALLACE, ESQ.  
 ADDRESS SUITE 201 1000 RIDC PLAZA ADDRESS 410 UNION DRILLING INC.  
PITTSBURGH, PENNSYLVANIA 15238 P.O. DRAWER 40 BUCKHANNON, W.VA. 26201

DEC 12 1988





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

**RECEIVED**

AUG 31 1981

**Oil and Gas Division**

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

**WELL RECORD**

Quadrangle New Milton (7-1/2')

Permit No. 47-017-2843

Rotary X Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas X  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

(S.W. Jack Rig #18)

Company Angerman Associates, Inc.  
Address Suite 201, 1000 RIDC Plaza, Pgh., Pa. 15238  
Farm Carl M. Hinter Acres 241  
Location (waters) Tom's Fork Run  
Well No. 2 Elev. 890'  
District New Milton County Doddridge  
The surface of tract is owned in fee by \_\_\_\_\_  
Carl M. Hinter  
Address Box 73, New Milton, WV 26411  
Mineral rights are owned by Carl M. Hinter  
Address (same as above)  
Drilling Commenced October 16, 1980  
Drilling Completed October 24, 1980  
Initial open flow 9,100 cu. ft. none bbls.  
Final production 200,000 cu. ft. per day show bbls.  
Well open 18 hrs. before test 2000<sup>+</sup> RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. <del>2 1/2"</del> 11-3/4"	36.33	36.33	Sanded in.
9 5/8			
8 5/8	1185.15	1185.15	307 ft. c.f. (250 sks.)
7			
5 1/2			
4 1/2		5347.35	588 ft. c.f. (456 sks.)
3			
<del>2 1/2"</del> 1-1/2" tbq.		5192.25	
Liners Used			

Well treatment details:

Attach copy of cementing record. 200 MCF

"Balltown siltstone"-Perfs 3370'-3422'; 200 sx sd; 405 bbls treated water; 29.8 b/m; 3750 psi  
"Bradford siltstone"-Perfs 4475'-4495'; 200 sx sd; 425 bbls treated water; 26.5 b/m; 3350 psi  
Riley (Benson)-Perfs 4826'-4934'; 200 sx sd; 430 bbls treated water; 20.6 b/m; 3450 psi  
Eik - Perfs 5216'-5255'; 250 sx sd; 510 bbls treated water; 27.8 b/m; 2750 psi

Coal was encountered at none Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 1/2", 1/2" Feet 155', 285' Salt Water 1/2" Feet 1480'  
Producing Sand as above Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Fill & Dirt			0	20		drillers log
Quick Sand			20	30		" "
Shale			30	35		" "
Sand			35	50		" "
Sand & Shale			50	105		" "
Red Rock & Shale			105	110		" "
Sand			110	130		" "
Red Rock			130	150	1/2" - 3/4" stream	" "
Sand & Shale			150	205	H2O at 155'	" "
White Sand			205	235		" "
Red Rock			235	240		" "
Red Rock, Shale & Sand			240	285	1/2" more water	" "
Red Rock			285	310	at 285'	" "
Sand			310	320		" "
Red Rock & Shale			320	370		" "
Sand & Shale			370	380		" "
Red Rock & Shale			380	460		" "
Sand			460	535		" "
Shale & Red Rock			535	660		" "
Sand			660	700		" "
Red Rock & Shale			700	1005		" "
Sand			1005	1035		" "
Sand, Shale & Red Rock			1035	1150		" "
Sand & Shale			1150	1311		" "

(over)

\* Indicates Electric Log tops in the remarks section.

6-6 New Milton South (307)

SEP 21 1981

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			1311	1405	1480'-1485'	drillers log
Salt Sand			1405	1505	Wet 1/2"	" "
Sand & Shale			1505	1690	1499' put soap	" "
Salt Sand			1690	1730	on hole	" "
Sand & Shale			1730	1885		" "
Sand			1885	1905		" "
Sand & Red Rock			1905	1970		" "
Sand			1970	2000		" "
Big Lime			2000	2065		" "
Big Injun			2065	2115		" "
Sand & Shale			2115	2243		" "
Sand			2243	2375		" "
Sand & Shale			2375	3260		" "
Sand			3260	3340		" "
Sand & Shale			3340	4950		" "
Benson			4950	4955		" "
Sand & Shale			4955	5190	gas @ 5187'	" "
Alexander Sand			5190	5260		" "
Sand & Shale			5260	5402 T.D.		" "
Benson Sand			4931	4935		gamma ray log
Elk Sand			5215	5263		gamma ray log

Date May 20, 19 81

APPROVED

*S. P. V.P.*

XXXXX

Angerman Associates, Inc. - Operator



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
OCT - 2 1980

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

OIL & GAS DIVISION  
DEPT. OF MINES

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

DATE September 29, 1980

Surface Owner Carl M. Hinter

Company Angerman Associates, Inc.

Address Box 73, New Milton, W. Va. 26411

Address Suite 201, 1000 RIDC Plaza, Pgh. Pa.

Mineral Owner Carl M. Hinter

Farm Carl M. Hinter Acres 241.25

Address (as above)

Location (waters) Tom's Fork Run

Coal Owner Carl M. Hinter

Well No. 2 Elevation 890' G.L.

Address (as above)

District New Milton County Doddridge

Coal Operator Unoperated

Quadrangle \_\_\_\_\_

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 drilling. This permit shall expire if operations have not commenced by 6-2-81

INSPECTOR  
TO BE NOTIFIED Paul Garrett  
ADDRESS 321 Beech Street  
Clarksburg, W. Va. 26301  
PHONE (304) 622-3871

*Paul B. Russell*  
Deputy Director - Oil & Gas Division

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 October 22, 1975 by Carl M. Hinter, et. ux. made to Pennzoil Company and recorded on the 4th day of November 1975, in Doddridge County, Book 100 Page 170

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 29th day Sept., 1980 before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address of Well Operator

Very truly yours,  
(Sign Name) Samuel H. Huff, Vice President  
Well Operator

Suite 201, 1000 RIDC Plaza  
Street  
Pittsburgh  
City or Town  
Pennsylvania 15238  
State

\*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

47-017-2843 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by Samuel H. Huff, Vice President



RECEIVED  
Division of Energy

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

017-2843-P

JAN 25 91

AFFIDAVIT OF PLUGGING AND FILLING WELL

Permitting

AFFIDAVIT ~~SHOULD~~ Section 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: HINTER, CARL Operator Well No.: WWJ8001-01

LOCATION: Elevation: 890.00 Quadrangle: NEW MILTON  
District: NEW MILTON County: DODDRIDGE  
Latitude: 11700 Feet South of 39 Deg. 12 Min. 30 Sec.  
Longitude 10100 Feet West of 80 Deg. 40 Min. Sec.

Well Type: OIL \_\_\_\_\_ GAS X

Company: Angerman Associates, Inc.  
109 Zeta Drive  
Pittsburgh, PA 15238

Coal Operator \_\_\_\_\_ N/A  
or Owner \_\_\_\_\_

Agent: Robert Wallace, Esq.  
Inspector: Mike Underwood  
Permit Issued: 12/05/88

Coal Operator \_\_\_\_\_  
or Owner \_\_\_\_\_

AFFIDAVIT

JAN 25 91

STATE OF WEST VIRGINIA,  
County of Doddridge ss:

Ken Stewart and Art Yingling 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 Angerman Associates, Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 30th day of May, 1990, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Drill cuttings	5250	5347	4 1/2" - 2601'	2746'
183 sks. reg. Port. cmt.	2664	5250	11-3/4" - 0	36'
Gel (10 bbl./sk.)	2658	2664	8-5/8" - 0	1185'
Cast Iron Bridge Plug	2658	2659	1-1/4" - 5192'	0'
Gel (10 bbl./sk.)	1322	2658		
59 sks. Reg. Port. cmt.	1122	1322		
Gel (10 bbl./sk.)	322	1122		
50 sks. reg. Port. cmt.	Surface	322		

Description of monument: 3' 8" pipe

and that the work of plugging and filling said well was completed on the 31st day of May, 1990

And further deponents saith not.

Sworn and subscribe before me this 21<sup>st</sup> day of JANUARY, 1991

My commission expires: 4-15-93  
NOTARIAL SEAL  
REID K. BAKER, NOTARY PUBLIC  
O'HARA TOWNSHIP, ALLEGHENY COUNTY  
MY COMMISSION EXPIRES APRIL 15, 1993  
Member, Pennsylvania Association of Notaries

Ken Stewart  
Art Yingling  
Reid K. Baker  
Notary Public

