

FILE NO. 79-5442
 DRAWING NO. 79-5442-F
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION 1053 B.M. ON CHURCH FORK ON HUNDRED TOPO MAP (7.5)

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) Henry M. Parsons
 R.P.E. _____ L.L.S. 98



(+) 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 APRIL 24, 1981
 OPERATOR'S WELL NO. SANTEE#20
 API WELL NO. 47-WETZEL 1241
 STATE COUNTY PERMIT

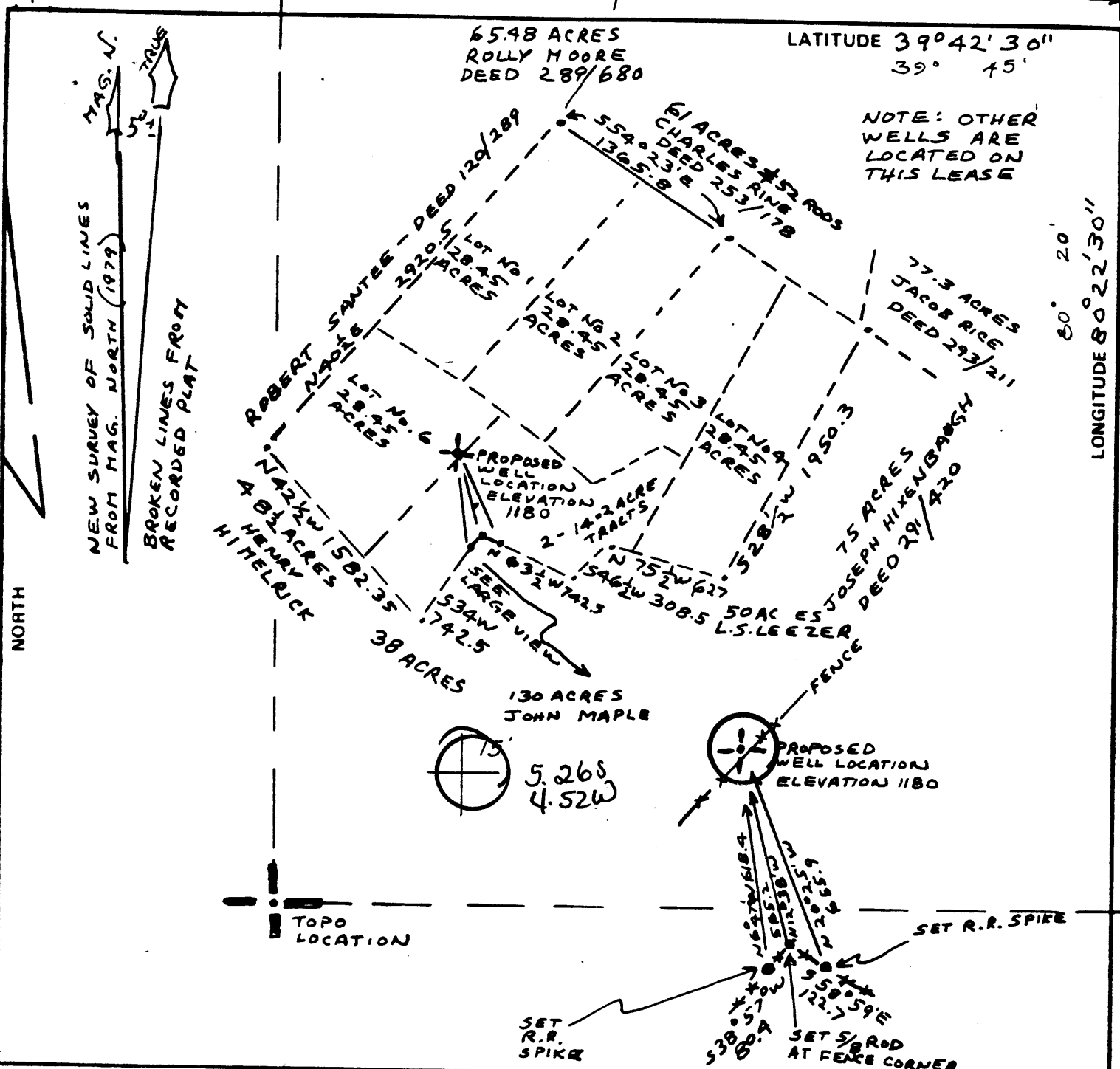
Cancelled

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 1180 WATER SHED LITTLE RUSH RUN
 DISTRICT CHURCH COUNTY WETZEL
 QUADRANGLE HUNDRED (7.5)
 SURFACE OWNER PAULINE HIXENBAUGH ACREAGE 171 ACRE LEASE
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE 171
 LEASE NO. _____

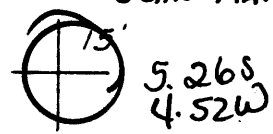
PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Big INJUN ESTIMATED DEPTH 2700'
 WELL OPERATOR BARRON KIDD DESIGNATED AGENT FRANK GILMORE
 ADDRESS SUITE 500, TWO TURTLE CREEK VILLAGE ADDRESS 112 VIRGINIA ST.
DALLAS, TX 75219 SISTERSVILLE, WV 26175

JAN 28 1985



NOTE: OTHER WELLS ARE LOCATED ON THIS LEASE



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 FORM IV-6 (8-78)



DATE APRIL 24, 19 81
 OPERATOR'S WELL NO. SANTEE # 20
 API WELL NO. 47 - WETZEL 1241
 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 1180 WATER SHED LITTLE RUSH RUN
 DISTRICT CHURCH COUNTY WETZEL
 QUADRANGLE HUNDRED (7.5) Mannington 15' NC
 SURFACE OWNER PAULINE HIXENBAUGH ACREAGE 171 ACRE LEASE
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE 171

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 2700'
 WELL OPERATOR BARRON KIDD DESIGNATED AGENT FRANK GILMORE
 ADDRESS SUITE 500, TWO TURTLE CREEK VILLAGE ADDRESS 112 VIRGINIA ST.
DALLAS, TX 75219 SISTERSVILLE, WV 26175

SEP 22 1981



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

AUG 17 1981

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 August 13, 1981

Surface Owner Pauline Hixenbaugh

Company Barron Kidd

Address Burton, WV 26582

Address Ste. 500, Two Turtle Creek Vlg., Dallas, TX

Mineral Owner J. W. Santee Heirs

Farm Santee Heirs Acres 171

Address c/o Robt. J. Santee

Location (waters) Little Rush Run

Address Star Route, Hundred WV 26575

Coal Owner Wheeling Dollar Savings Bank

Well No. 20 Elevation 1180

Address Trust Dept.

District Church County Wetzel

Coal Operator none

Quadrangle Hundred

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 5-4-82.

Phil Tracy (758-4573)

[Signature]
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 September 17, 1979 by Robert J. Santee, et al made to Barron Kidd and recorded on the 12th day of October 1979, in Wetzel County, Book 58A Page 613

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 13th day Aug., 1981 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, BARRON KIDD
(Sign Name) By [Signature]
Well Operator Emory T. Corbett,
Agt. & Atty-in-Fact

Address of Well Operator Suite 500, Two Turtle Creek Village Street
Dallas City or Town
Texas 75219-4591 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

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Chrisler Bros. NAME Frank Gilmore
 ADDRESS P. O. Box 101, Pentress, WV ADDRESS 112 Virginia St., Sistersville, WV 26
 TELEPHONE 304/879-5511 TELEPHONE 304/652-2924
 ESTIMATED DEPTH OF COMPLETED WELL: 2700' ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 TYPE OF WELL: OIL _____ GAS _____ COMB. X 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			
xxxxx 12-3/8" K55	20'		
xxxxx 10-3/4" J55	350'	x	350 cu. ft. <i>to surf.</i>
8 - 5/8 K55	1000'	x	40 sax
7			
5 1/2			
4 1/2 J55	3500' or TD	x	350 sax
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 150 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 950' _____
 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



Date: July 27, 19 82

Operator's Well No. 20

API Well No. 47 -103-1241 -Ren

State County Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil X / Gas / (If "Gas", Production / Underground storage / Deep / Shallow /)

LOCATION: Elevation: 1180 Watershed: Little Rush Run District: Church County: Wetzel Quadrangle: Hundred

WELL OPERATOR Barron Kidd DESIGNATED AGENT Frank Gilmore Address Suite 500, Two Turtle Creek Village Dallas, TX 75219 Address 112 Virginia Street Sistersville, WV 26175

OIL & GAS ROYALTY OWNER J. W. Santee Heirs Address c/o Robt. J. Santee Star Route Hundred, WV 26575

COAL OPERATOR No coal operations in area Address

SURFACE OWNER Pauline Hixenbaugh Address Burton, WV 36582 Acreage 171 acres

COAL OWNER(S) WITH DECLARATION ON RECORD: Name Wheeling Dollar Savings Bank Address Trust Dept. Bank Plaza Wheeling, WV 26003

FIELD SALE (IF MADE) TO: Address

Name Address

OIL & GAS INSPECTOR TO BE NOTIFIED Name Address

COAL LESSEE WITH DECLARATION ON RECORD: Name Address

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X other contract / dated September 17 19 79, to the undersigned well operator from Robert J. Santee, et al.

(IF said deed, lease, or other contract has been recorded:)

Recorded on Oct. 12, 19 79, in the office of the Clerk of the County Commission of Wetzel County, West Va., in Book 58A at page 613. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify)

-planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

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.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

RECEIVED AUG 01 1982 OIL & GAS DIVISION DEPT. OF MINES BLANKET BOND

BARRON KIDD

Well Operator

By Emory T. Corbett Its Agent & Attorney-in-Fact

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Chrisler Bros.
Address P. O. Box 101
Pentress, WV

GEOLOGICAL TARGET FORMATION, Big Injun

Estimated depth of completed well, 3500 feet Rotary / Cable tools /

Approximate water strata depths: Fresh, 150 feet; salt, feet.

Approximate coal seam depths: 950' Is coal being mined in the area? Yes / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			New		FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft	Used	For drilling	Left in well	Top		Bottom	
Conductor	12-3/8"				X	20'	0		Kinds	
Fresh Water	10-3/4"			X		350'	350'	350 sx. to surface		
Coal									Sizes	
Intermediate	8-5/8"			X		1000'	1000'	40 sx.		
Production	4-1/2"			X		3500'	3500'	350 sx. Depths set		
Tubing										
Liners									Perforations:	
									Top	Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form Iv-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling renewed. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 4-17-83,
BY [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

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