

Longitude 80° 32' 30"

A- $N10^{\circ}30'E - 346.5'$
 B- $N5^{\circ}W - 165'$
 C- $S15^{\circ}45'W - 231'$ BY DEED
 $S20^{\circ}20'W - 219.88'$ BY SURVEY

Minimum Error of Closure $1' \text{ IN } 200'$
 Source of Elevation B.M. ELEV. = 912' INT. RT. (23) AND RT. (32) U.S.G.S.
TOPOGRAPHIC QUADRANGLE - 7 1/2 MIN.
 "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." Thomas F. Weaver, Jr.

New Location
 Drill Deeper
 Abandonment

Company PETROLEUM DEVELOPMENT CORP.
 Address 103 MAIN BRIDGEPORT, W.VA.
 Farm LEON WILSON, O.G. STANLEY CORK
 Tract 1 Acres 51 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1178'
 Quadrangle SALEM CENTERPOINT 15'
 County DODDRIDGE District M'CLELLAN
 Engineer THOMAS F. WEAVER, JR.
 Engineer's Registration No. L.L.S. 410
 File No. PDC.1-PG. 57 Drawing No. 1
 Date 3/13/79 Scale 1"=500'

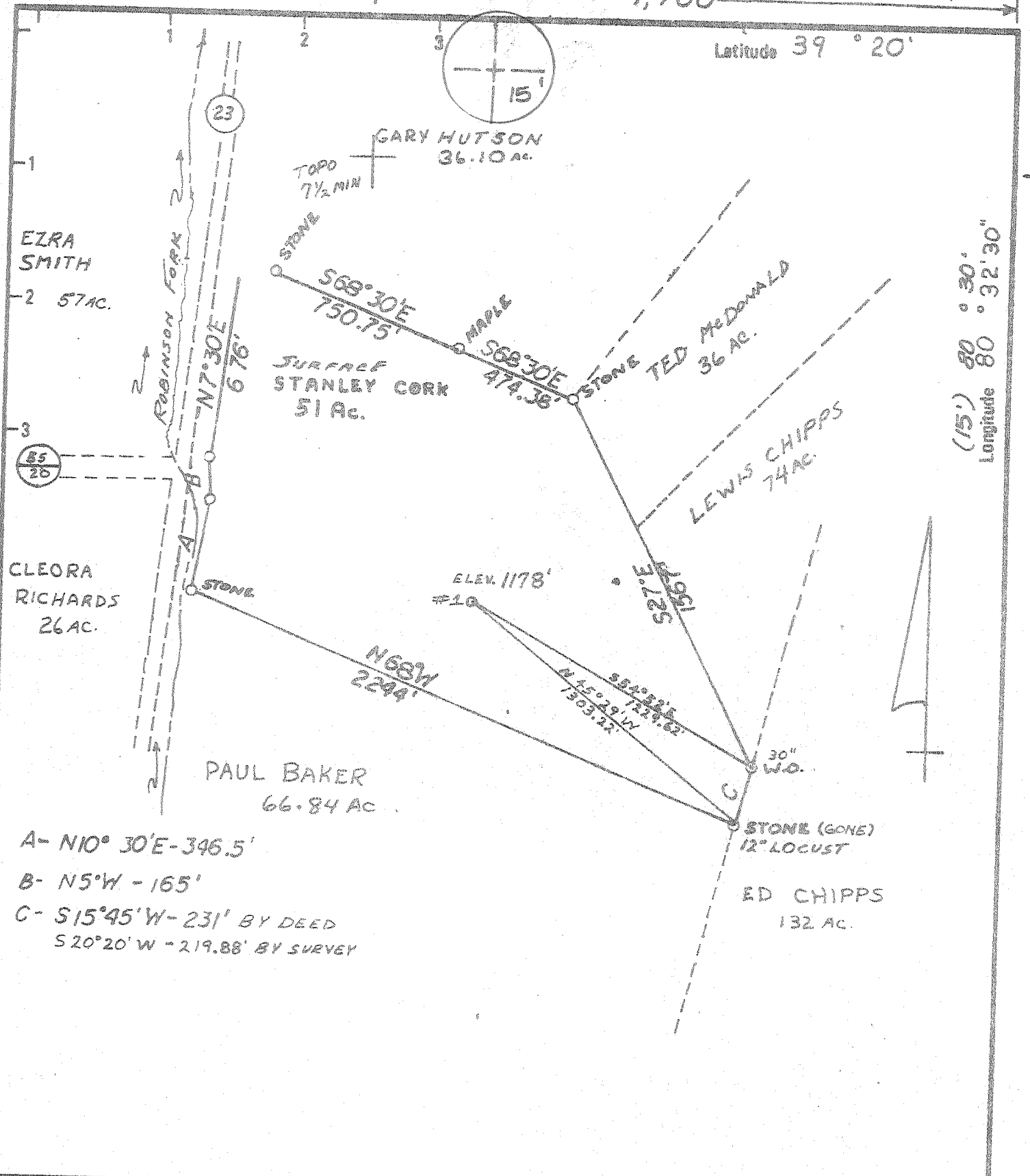
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. 47-017-2376
CANCELLED

+ 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 02 1983

DODD - 2376 - (AN)



A- N10° 30'E - 346.5'
 B- N5°W - 165'
 C- S15°45'W - 231' BY DEED
 S20°20'W - 219.88' BY SURVEY

New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1" IN 200'
 Source of Elevation B.M. ELEV. = 912' INT. RT. (23) AND RE. (24) U.S.G.S.
 TOPOGRAPHIC QUADRANGLE - 7 1/2 MIN.
 "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." Thomas F. Weaver, Jr.

Company PETROLEUM DEVELOPMENT CORP.
 Address 103 MAIN BRIDGEPORT, W.VA.
 Farm LEON WILSON, O.G. STANLEY CORK
 Tract 1 Acres 51 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1178' SE
 Quadrangle SALEM CENTERPOINT 15
 County DODDRIDGE District McCLELLAN
 Engineer THOMAS F. WEAVER, JR.
 Engineer's Registration No. W.V.S. 410
 File No. PDC.1-PG.57 Drawing No. 1
 Date 3/13/79 Scale 1"=500'

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

WELL LOCATION MAP
 FILE NO. **47-017-2376**

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MAY 3 1979

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. ONE

API Well No. 47 - 017 - 2376
State County Permit

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

LOCATION: Elevation: 1178' Watershed: Robinson's Fork
District: McClellan County: Doddridge Quadrangle: Salem

WELL OPERATOR Petroleum Development Corporation DESIGNATED AGENT Petroleum Development Corp.
Address P. O. Box 26 Address P. O. Box 26
Bridgeport, WV 26330 Bridgeport, WV 26330

OIL & GAS ROYALTY OWNER Leon Wilson etux COAL OPERATOR
Address 700 Stealey Avenue Address
Clarksburg, WV 26301

Acreage 51 COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER Stanley Cork Name Willis G. Tetrick, Jr. etal
Address Route 2 Address P. O. Box 267
Salem, WV 26426 Clarksburg, WV 26301
Acreage 51 Name Catherine Tetrick Sutton

FIELD SALE (IF MADE) TO: Address Route 1, Box 27
Name Address Clarksburg, WV 26301
Address Surface

OIL & GAS LESSEE WITH DECLARATION ON RECORD:
Name Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address 321 Beech Street
Clarksburg, WV 26301

RECEIVED
MAR 27 1979

OIL & GAS DIVISION
DEPT. OF MINES

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 August 7th, 1978, to the undersigned well operator from Clarence W. Mutschelknaus

[If said deed, lease, or other contract has been recorded:]
Recorded on December 15, 1978, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 106 at page 329. 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

PETROLEUM DEVELOPMENT CORPORATION
Well Operator

BLANKET BOND

By Brad Liggitt
Its Drilling Superintendent

[08-78]

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Unknown
Address _____

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5100' feet Rotary X / Cable tools _____ /
Approximate water strata depths: Fresh, 125' feet; salt, 1700' feet.
Approximate coal seam depths: 300' 800' Is coal being mined in the area? Yes _____ / No X /

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		
Conductor	11 3/4		42#	X		40'	Yes	Surface	Kinds
Fresh water									
Coal	8 5/8		23#	X		1800'	Yes	Surface	Sizes
Intermediate									
Production	4 1/2		10.5#	X		5000'	Yes		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, of the W. Va. Code, the location is hereby approved for _____ . This permit shall expire if operations have not commenced by _____ .

[Signature]
Deputy Director, Oil & Gas Division

The permit 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:

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 _____