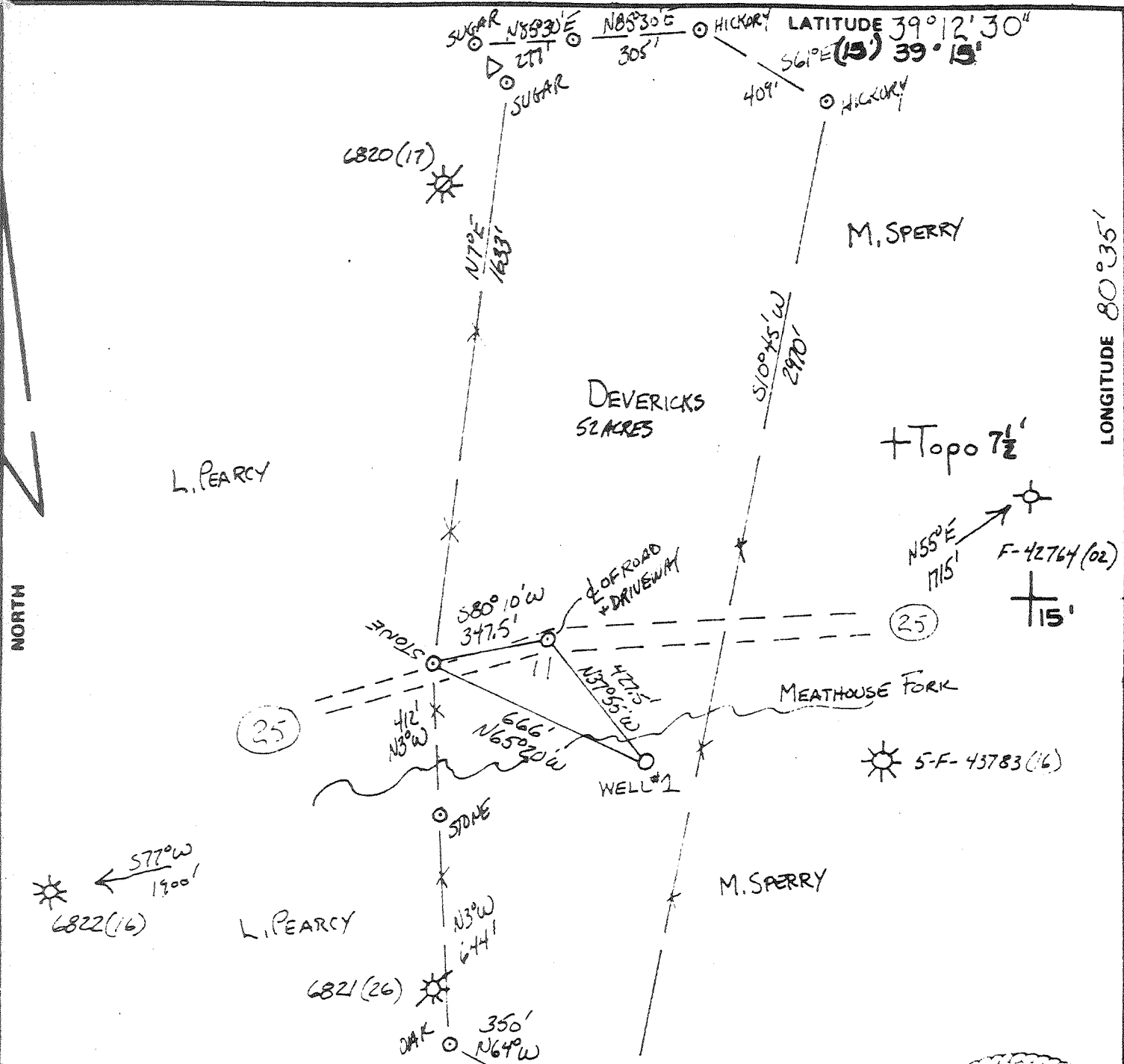


NORTH

LONGITUDE 80° 35'



FILE NO. \_\_\_\_\_  
 DRAWING NO. 7-21-79  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1/1000  
 PROVEN SOURCE OF ELEVATION TOP OF ROADS  
1/2 MILE WEST (895)

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) Walter P. Lepout  
 R.P.E. 7410 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

(+) 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 8-15, 1979  
 OPERATOR'S WELL NO. 1  
 API WELL NO. 47-017-2869  
 STATE COUNTY PERMIT

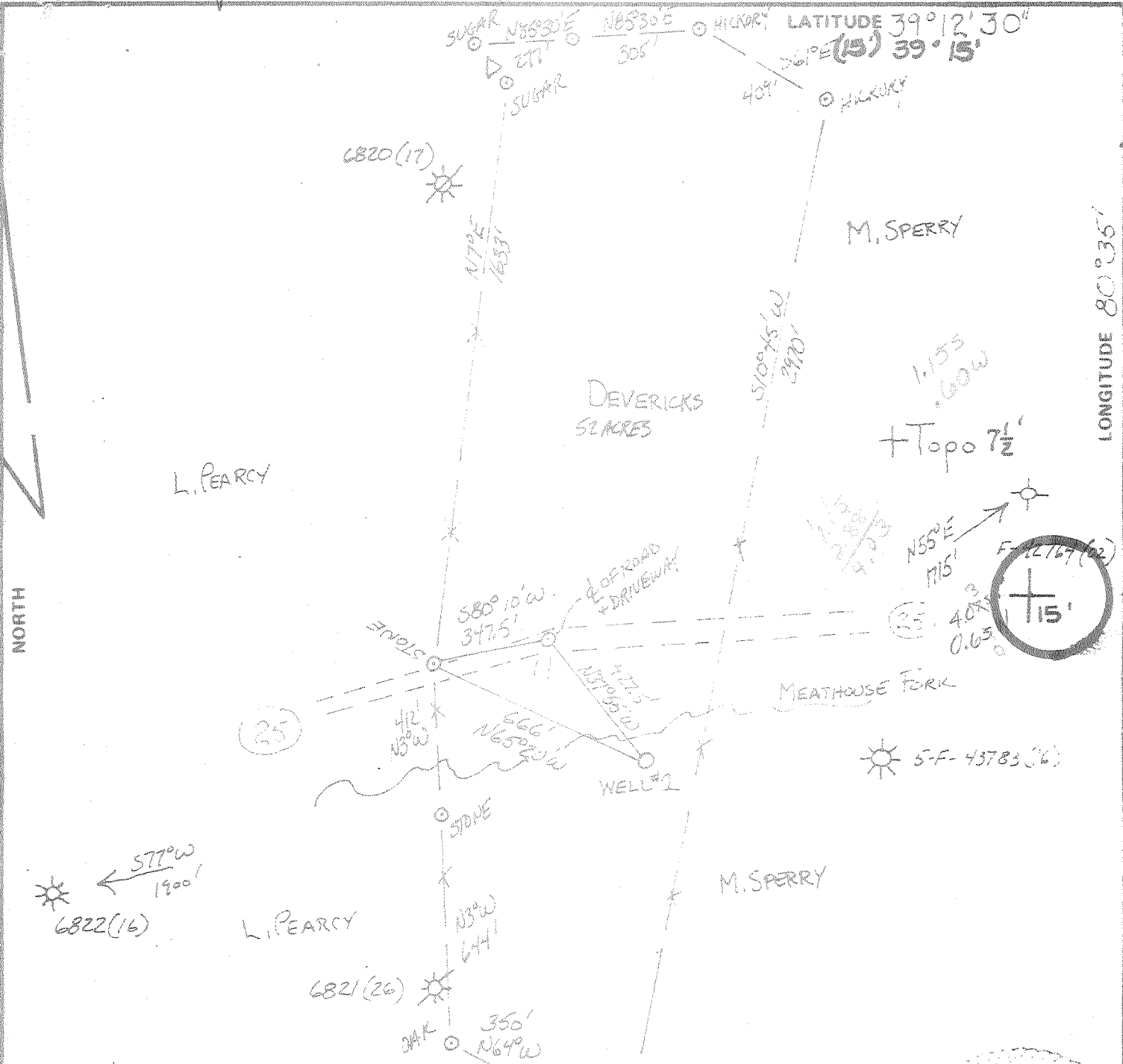
*Cancelled*

WELL TYPE: OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 915 WATER SHED MEATHOUSE FORK  
 DISTRICT GREENBRIER COUNTY DODDRIDGE  
 QUADRANGLE BIG ISAAC 7/2, VADIS 15  
 SURFACE OWNER DEVERICKS & SUTTON ACREAGE 52  
 OIL & GAS ROYALTY OWNER DEVERICKS, SUTTON LEASE ACREAGE 52  
 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) \_\_\_\_\_

AUG 17 1981

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5350'  
 WELL OPERATOR DORAN + ASSOCIATES INC DESIGNATED AGENT ALVIN SORGAN  
 ADDRESS WASHINGTON ROAD ADDRESS RT 4 Box 449  
Pg# PA 15228 Buckhannon, W. VA.



FILE NO. \_\_\_\_\_  
 DRAWING NO. 7-21-79  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1/1200  
 PROVEN SOURCE OF ELEVATION 4 OF ROADS  
1/2 MILE WEST (895)

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) Glenn P. Rupert  
 R.P.E. 7410 L.L.S.

PLACE SEAL HERE

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

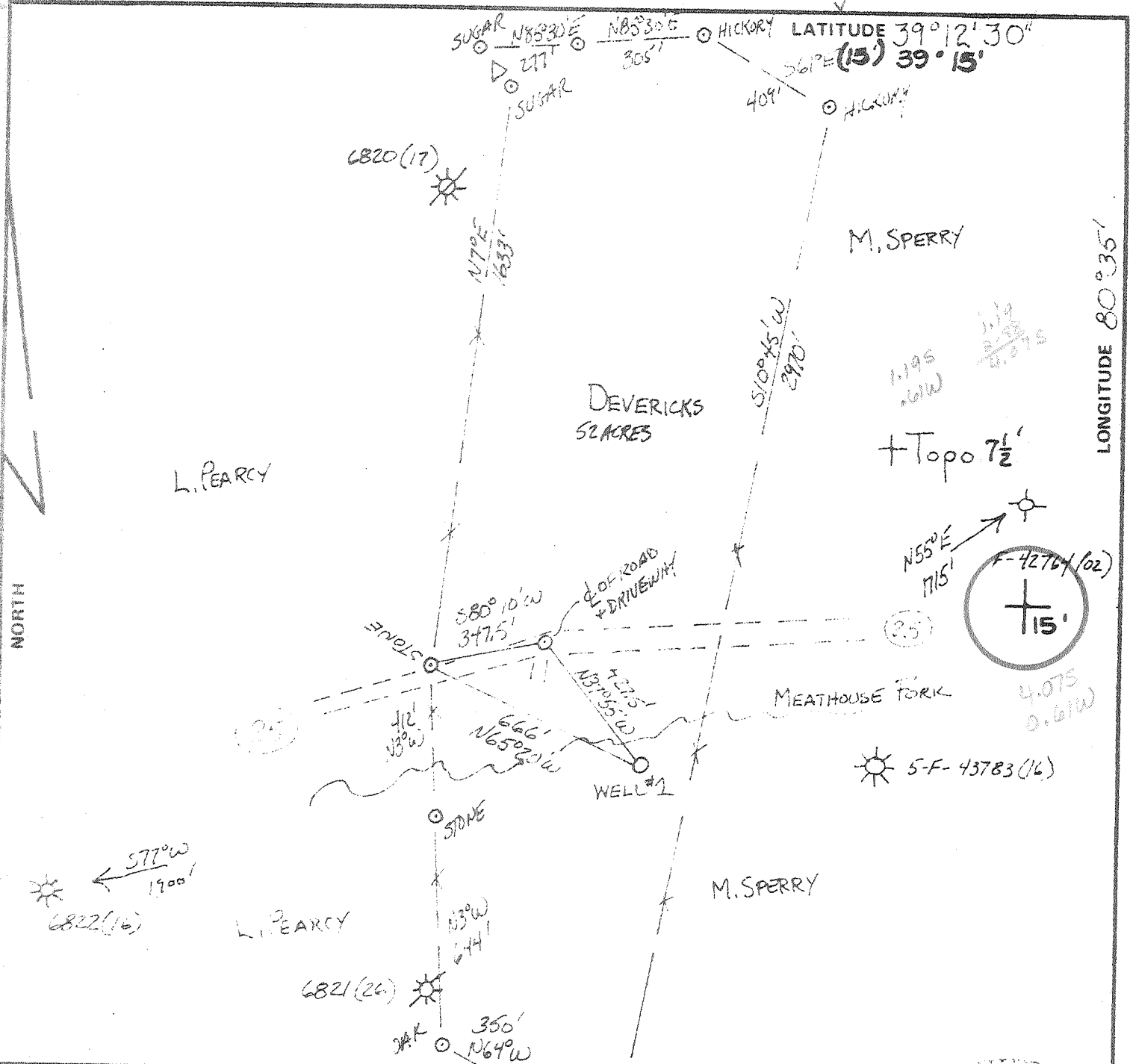


DATE 8-15 1979  
 OPERATOR'S WELL NO. 1  
 API WELL NO. 47-017-2869  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 915 WATER SHED MEATHOUSE FORK  
 DISTRICT GREENBRIER COUNTY DODDRIDGE  
 QUADRANGLE BIG ISAAC 7 1/2 VADIS 15' NC  
 SURFACE OWNER DEVERICKS & SUTTON ACREAGE 52  
 OIL & GAS ROYALTY OWNER DEVERICKS, SUTTON LEASE ACREAGE 52  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL X 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 \_\_\_  
 FORMATION ALEXANDER ESTIMATED DEPTH 5350'  
 OPERATOR DORAN & ASSOCIATES INC DESIGNATED AGENT ALVIN DORAN  
WASHINGTON ROAD ADDRESS RT 4 Box 449 DEC 10 1980  
P.O. #, PA 15228 BUCKHANNON, W. VA.



FILE NO. \_\_\_\_\_  
 DRAWING NO. 7-21-79  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1/1N 200  
 PROVEN SOURCE OF ELEVATION + OF ROADS  
1/2 MILE WEST (895)

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) Walter P. Lepout  
 R.P.E. 7410 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (878)



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE 8-15 19 79  
 OPERATOR'S WELL NO. 1  
 API WELL NO. was 47-017-2513  
 STATE COUNTY PERMIT  
now: 017-2869

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS.") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 915 WATER SHED MEATHOUSE FORK  
 DISTRICT GREENBRIER COUNTY DODDRIDGE  
 QUADRANGLE BIG ISAAC TYZ, VADIS 15  
 SURFACE OWNER DEVERICKS & SUTTON ACREAGE 52  
 OIL & GAS ROYALTY OWNER DEVERICKS, SUTTON LEASE ACREAGE 52  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL X 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 ALEXANDER ESTIMATED DEPTH 5350' NOV 6 1979  
 WELL OPERATOR DORAN & ASSOCIATES INC DESIGNATED AGENT ALVIN DORAN  
 ADDRESS WASHINGTON ROAD ADDRESS 1514 BOX 144  
P.O. Box, PA 15228 BUCKHANNON, W. VA.

Ruby Devericks #445

FORM IV-2  
(Obverse)

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

Date: September 4, 1979, XX

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. Devericks # 1

API Well No. 47 - 017 - 2513  
State County Permit

now: 017-2869

WELL TYPE: Oil      / Gas X /  
(If "Gas", Production X / Underground storage      / Deep      / Shallow      /)  
LOCATION: Elevation: 915 Watershed: Meathouse Fork  
District: Greenbrier County: Doddridge Quadrangle: Big Issaac 7 1/2

WELL OPERATOR Doran & Associates, Inc.  
Address 728 Washington Road  
Pittsburgh, PA 15228

DESIGNATED AGENT Alvin Sorcan  
Address Rt. 4, Box 444  
Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER 1/2 interest Ruby M. Devericks / 1/2 interest Lima Sutton  
Address 106 Liberty St. / Rt. 1, Box 380  
Salem, Wv 26426 / Salem, WV 26426

COAL OPERATOR Virginia Tetrick  
Address: Union National Center West  
Clarksburg, WV 26301

Acreage .52  
SURFACE OWNER Same as above  
Address       
    

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Virginia Tetrick  
Address Union National Center West  
Clarksburg, WV 26301

FIELD SALE (IF MADE) TO:  
Name N/A  
Address       
    

Name       
Address       
    

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Paul Garrett  
Address Clarksburg, WV 26301  
304-622-3871

COAL LESSEE WITH DECLARATION ON RECORD:  
Name N/A  
Address       
    

RECEIVED  
OCT 2 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 March 8, 19 79, to the ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~ R & P Associates from Ruby M. Devericks and Lima Sutton, her sister

[If said deed, lease, or other contract has been recorded:]  
Recorded on August 25, 19 79, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in      Book 110 at page 323. 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.

BLANKET BOND

Donald R. Laughlin  
Well Operator

By Donald R. Laughlin  
Its Vice President-Operations

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

[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) \_\_\_\_\_

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION, ALEXANDER

Estimated depth of completed well, 5300 feet Rotary  / Cable tools  /

Approximate water strata depths: Fresh, 30 feet; salt, 770 feet.

Approximate coal seam depths: 235 Is coal being mined in the area? Yes  No

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		
Conductor	11 3/4						30'	To Surface Kinds
Fresh water								
Coal								Sizes
Intermediate	8 5/8						1000'	To Surface
Production	4 1/2						5300'	300 sks. 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 drilling 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 this permit. 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 6-17-80

*[Signature]*  
Deputy Director - Oil & Gas Division

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:

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 \_\_\_\_\_



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED  
OCT 24 1980

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.

1/2 interest: 1/2 interest:

DATE June 5, 1980

Surface Owner Ruby M. Devericks / Lima Sutton

Company Doran & Associates, Inc.

Address 106 Liberty St. Salem, / Rt. 1, Box 380

Address 728 Washington Rd., Pgh., PA 15228

Mineral Owner WV 26426 / Salem, WV 26426

Farm R. Devericks Acres 52

Address SAME AS ABOVE

Location (waters) Meathouse Fork

Coal Owner Virginia Tetrick

Well No. 1 Elevation 915

Address Union National Center West, Clarksburgh, WV 26301

District Greenbrier County Doddridge

Coal Operator SAME AS ABOVE

Quadrangle Big Isaac 7 1/2

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 7-8-81

INSPECTOR

TO BE NOTIFIED Paul Garrett

ADDRESS Clarksburg, WV 26301

PHONE 304-622-3871

*Paul Garrett*  
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 March 8 1979 by Ruby M. Devericks & Lima Sutton, her sister made to R. & P. Associates and recorded on the 25th day of Aug. 1979 in Doddridge County, Book 110 Page 323

XXXX 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 this day 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

Very truly yours,

(Sign Name) *Donald R. Laughlin*

Donald R. Laughlin  
728 Washington Road

Address of Well Operator

Street

Pittsburgh, City or Town

PA 15228

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

47-017-2869

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."

(Formerly: DOD-2513)

Signed by \_\_\_\_\_

*Lawney*

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

PROPOSED WORK ORDER TO xxx DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME S. W. Jack Drilling Co. NAME Alvin Sorcan  
 ADDRESS P. O. Box 697, Indiana, PA 15701 ADDRESS Rt. 4, Box 444, Buckhannon, WV 26201  
 TELEPHONE 349-6800 TELEPHONE 304-472-0007  
 ESTIMATED DEPTH OF COMPLETED WELL: 5300 ROTARY xx CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: ALEXANDER  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS xxxx COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT PILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	<u>10<sup>3</sup>/<sub>4</sub></u>	<u>30</u>	<u>To Surface</u>
9 - 5/8			
8 - 5/8		<u>1000</u>	<u>To Surface</u>
7			
5 1/2			
4 1/2		<u>5300</u>	<u>400 Sks.</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 30 FEET \_\_\_\_\_ SALT WATER 770 FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS 235 \_\_\_\_\_  
 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