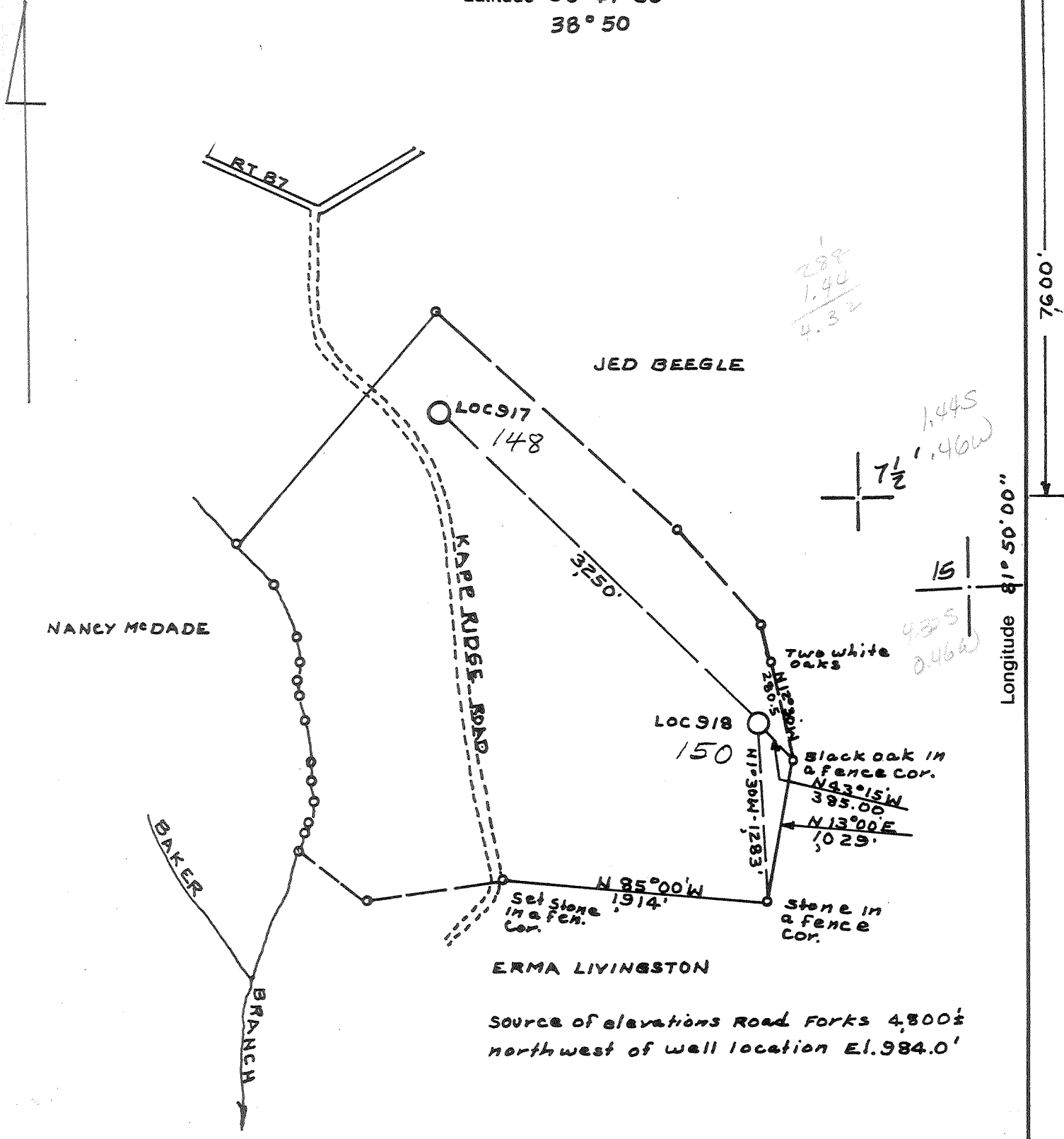


Latitude 38°47'30"  
38°50

7600'

Longitude 81°50'00"



New Location  
 Storage  
 Drill Deeper  
 Abandonment  
 Re-Drill/Fracture

"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 the rules and regulations of the oil and gas section of the mining laws of West Virginia.  
 Minimum degree of accuracy is one part in 200.  
 Land Surveyors License NS92 Legg Star RT. Box 549-B  
Sissonville WVA 25320  
 Signed C. Y. Galley Jr.

6/14/83

Company DEVON CORP  
 Address PO BOX 1433 CHARLESTON WV  
 Farm JOHN FRIESE  
 Lease 3500 Acres 200  
 Well Farm No. 2 Ser. No. 918  
 Elevation - Spirit Level 863.0'  
 Quadrangle COTTAGEVILLE, Ravenswood 15'  
 Township or District UNION  
 County MASON  
 Sec., Lot, Qr. \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_  
 Coordinates \_\_\_\_\_  
 File No. \_\_\_\_\_ Dwg. No. \_\_\_\_\_  
 Date 6-3-78 Scale 1"=1000'

**WELL LOCATION MAP**  
THE STATE OF WEST VIRGINIA

(+) Denotes Values Of Well On United States Topographic Maps

**MAS-150-REV-P**

Scale 15'  7 1/2'

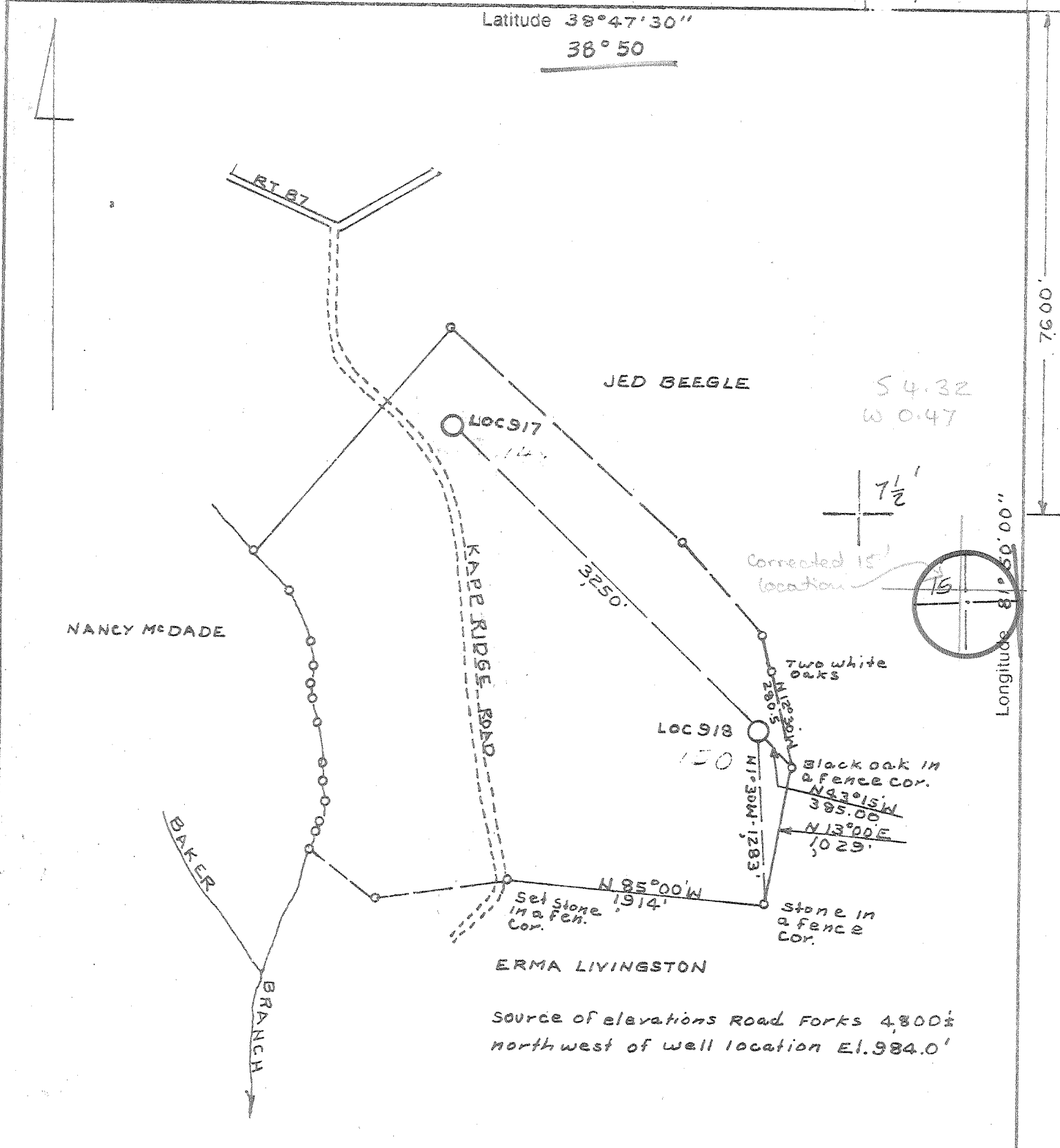
JUN 21 1983

47-053

4800' ORISKANY DEEP WELL

2400'  
7600'

Latitude 38°47'30"  
38°50'



- New Location
- Storage
- Drill Deeper
- Abandonment
- Re-Drill/Fracture

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Minimum degree of accuracy is one part in 200.  
Land Surveyors License N992 Legg Star RT. Box 549-B  
Sissonville WVA 25320  
Signed C. J. Galley Jr.

Company DEVON CORP  
 Address PO BOX 1433 CHARLESTON WV  
 Farm JOHN FRIESE  
 Lease 3500 Acres 200  
 Well Farm No. 2 Ser. No. 918  
 Elevation - Spirit Level 863.0' SC  
 Quadrangle COTTAGEVILLE Ravenswood 15'  
 Township or District UNION  
 County MASON  
 Sec., Lot, Qr. \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_  
 Coordinates \_\_\_\_\_  
 File No. \_\_\_\_\_ Dwg. No. \_\_\_\_\_  
 Date 6-3-78 Scale 1" = 1000'

**WELL LOCATION MAP**  
THE STATE OF WEST VIRGINIA

(+) Denotes Values Of Well On United States Topographic Maps

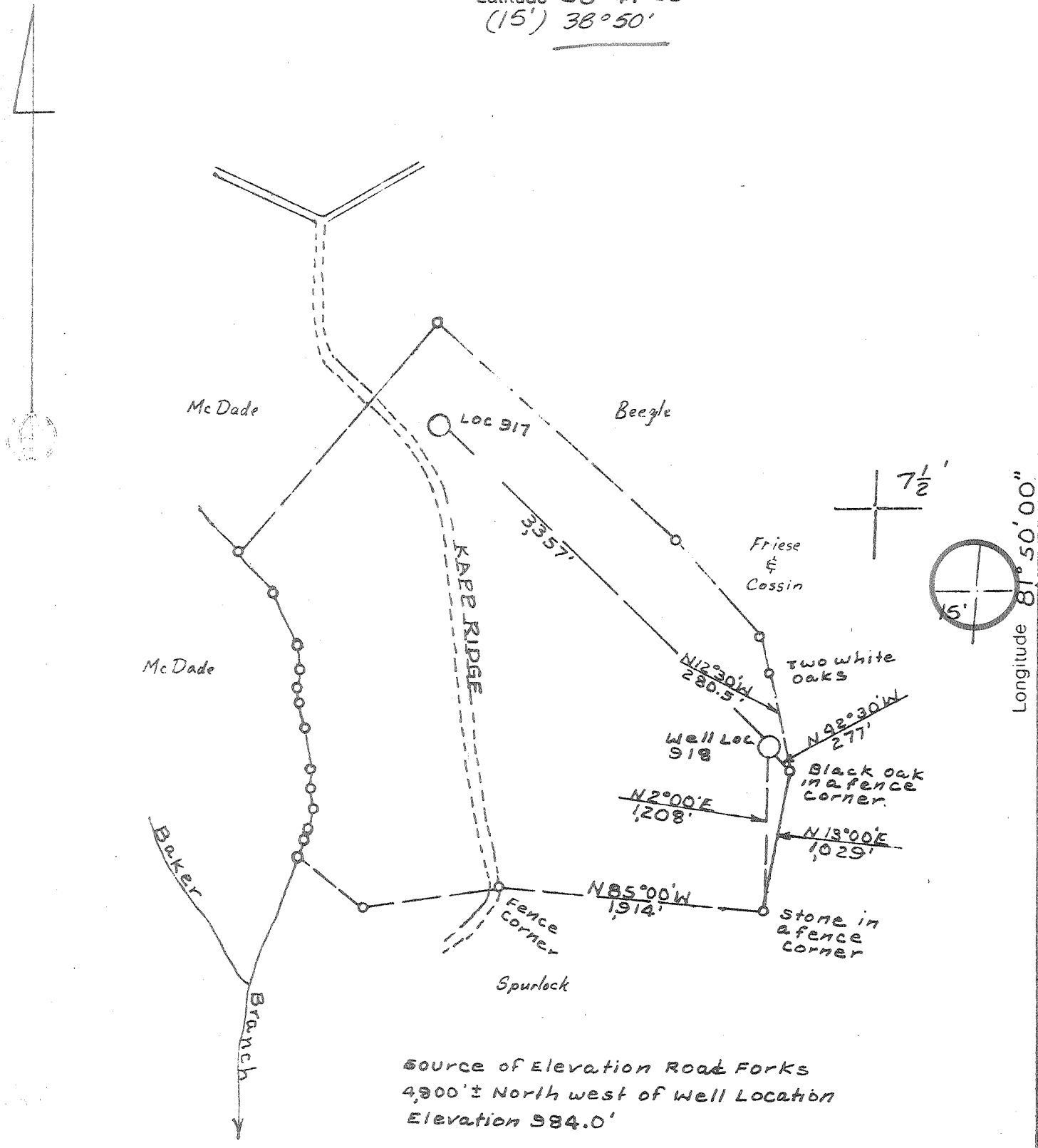
**MAS - 150 - REV**

Scale 15'  7 1/2'

*Deep Well* 47-053 JUN 15 1978

4/8... b-6 Providence (359)

Latitude  $38^{\circ}47'30''$   
 (15')  $38^{\circ}50'$



Source of Elevation Road Forks  
 4900' ± North west of Well Location  
 Elevation 984.0'

New Location  
 Storage  
 Drill Deeper  
 Abandonment  
 Re-Drill/Fracture

"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 the rules and regulations of the oil and gas section of the mining laws of West Virginia.  
 Minimum degree of accuracy is one part in 200  
 Land Surveyor License N992 Legg Star Route 80X  
 549 B Sissonville wva 25320  
 Signed C. J. Yalley Jr.

Company DEVON CORP.  
 Address P.O. BOX 1433 CHARLESTON, W.V.  
 Farm BELLE FRIESE PETER & DORIS  
 Lease 3500 Acres 200  
 Well Farm No. 2 Ser. No. 918 SC  
 Elevation - Spirit Level 858.00' Ravenswood 15'  
 Quadrangle COTTAGEVILLE 7.5  
 Township or District UNION  
 County MASON  
 Sec., Lot, Qr. \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_  
 Coordinates \_\_\_\_\_  
 File No. \_\_\_\_\_ Dwg. No. \_\_\_\_\_  
 Date 5-17-78 Scale 1" = 1,000'

**ELICKER WELL LOCATION MAP**  
**STATE OF WEST VIRGINIA**

(+) Denotes Values Of Well On United States Topographic Maps

**MAS - 150**  
 Scale 15' □ 7 1/2' ■

**47 - 053** JUN 1 1978

4200' Quadrangle 6-6 Providence (359)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD 31

**RECEIVED**  
SEP - 4 1979  
47-053-0150  
OIL & GAS DIVISION  
DEPT. OF MINES

Quadrangle Cottageville  
Permit No. MAS-150

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

Company DEVON CORPORATION  
Address Box 1433, Charleston, W. Va.  
Farm Belle Friese Acres 200  
Location (waters) Horse Cave Run  
Well No. 918 Elev. 863  
District Union County Mason  
The surface of tract is owned in fee by \_\_\_\_\_  
Peter & Doris Elicker  
Address Miller Addn., Ravenswood, WV  
Mineral rights are owned by Belle Friese  
Rt. 2 Address Cottageville, WV  
Drilling Commenced December 22, 1978  
Drilling Completed January 1, 1979  
Initial open flow 2 MCFD ~~xxxx~~ bbls.  
Final production 188 MCFD ~~xxxx~~ ft. per day bbls.  
Well open 4 hrs. before test 1600 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8	198	198	100 sax=to surf.
8 5/8			
7	2503	2503	75 sax=625'
5 1/2			
4 1/2		4742	200 sax=2400
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Perforated 4 1/2" casing 4690 to 4692' with 16 shots  
Fractured Oriskany Sand with 45,000# sand and 910 BBLS water.

188 MCF

Coal was encountered at None reported Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand ORSK Depth 4690-92

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface			0	5		
Shale			5	227		
Sand			227	243		
Shale			243	260		
Sand			260	275		
Shale			275	302		
Sand			302	313		
Shale			313	455		
Sand			455	480		
Shale			480	520		
Sand			520	537		
Shale			537	783		
Sand			783	815		
Shale			815	900		
Sand			900	915		
Shale			915	948		
Sand			948	972		
Shale			972	1043		
Sand			1043	1058		
Shale			1058	1125		
Sand			1125	1197		
Shale			1197	1297		
Sand			1297	1375		

TOPS PROBABLY  
TAKEN FROM  
KB - ABOUT 871'

(over)

\* Indicates Electric Log tops in the remarks section.

47-053-0150

Formation	Color	Hard or Soft	Top Feet 31	Bottom Feet	Oil, Gas or Water	Remarks
Shale			1375	1405		
Sand			1405	1458		
Shale			1458	1612		
Sand			1612	1670		
Shale			1670	1772		
Maxon Sand			1772	1818		
Big Lime			1818	1950		
Shale			1950	1968		
Injun Sand			1968	2087		
Shale			2087	2440		
Coffee Shale			2440	2459		
Berea Sand			2459	2472		
Shale			2472	3620		
Brown Shale			3620	4062		
Shale			4062	4455		
Marcellus Shale			4455	4594		
Onondaga L. S.			4594	4672		
Oriskany Sand			4672	4697		
Helderberg L. S.			4697	4819		
Log Total Depth				4819		

Date January 9, 1979

APPROVED A. C. Youse (Owner)  
 By Dist. Geologist (Title)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

MAY 19 1978

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 May 9, 1978

Surface Owner Peter & Doris Elicker  
Address Miller Addn., Ravenswood, WV  
Mineral Owner Belle Friese  
Address Rt. 2, Cottageville, W. Va. 25239  
Coal Owner Same as above  
Address \_\_\_\_\_  
Coal Operator Not Operated  
Address \_\_\_\_\_

Company DEVON CORPORATION  
Address Box 1433, Charleston, W. Va.  
Farm Belle Friese Acres 200 ac  
Location (waters) Horse Cave Run  
Well No. 2-918 Elevation 858  
District Union County Mason  
Quadrangle Cottageville

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 9-22-78.

INSPECTOR  
TO BE NOTIFIED Kenneth Butcher  
ADDRESS Barboursville, W. Va.  
PHONE 736-4885

[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 October 18 1976 by John A. Friese, et ux made to Devon & Eason and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in Mason County, Book 41 Page 201

XXX 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 \_\_\_\_\_ 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:

Very truly yours,  
(Sign Name) A. C. Youse  
A. C. Youse, Dist. Geologist  
P. O. Box 1433  
Street  
Charleston,  
City or Town  
West Virginia 25325  
State

VA. OIL & GAS CONSERVATION COMMISSION  
13 WASHINGTON STREET, EAST  
CHARLESTON, WEST VIRGINIA 25311

Address  
of  
Well Operator

BLANKET BOND

\*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.

MAS-150 PERMIT NUMBER

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 FWA Drilling Co. NAME Bill Endicott

ADDRESS Box 448, Elkview, W. Va. ADDRESS Box 1433, Charleston, W. Va.

TELEPHONE 965-3379 TELEPHONE 342-3171

ESTIMATED DEPTH OF COMPLETED WELL: 4800 ROTARY XXX CABLE TOOLS           

PROPOSED GEOLOGICAL FORMATION: Oriskany

TYPE OF WELL: OIL            GAS XXX COMB.            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			
13 - 10			
9 - 5/8	200	200	100 Sax=to surface
8 - 5/8			
7	2525	2525	75 Sax=625'
5 1/2			
4 1/2		4800	150 Sax=1800'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS            FEET SALT WATER            FEET

APPROXIMATE COAL DEPTHS None Anticipated

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

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

RECEIVED

MAR 8 - 1984

OIL & GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL DEPT. OF MINES

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT, 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.

Not Operated

COAL OPERATOR OR OWNER: Devon Energy Corporation  
 ADDRESS: P.O. Box 1433, Charleston, West Virginia 25325

COAL OPERATOR OR OWNER: February 8, 1984  
 ADDRESS: Union District  
 Mason County

LEASE OR PROPERTY OWNER: Well No. 918  
 ADDRESS: Belle Friese Farm

STATE INSPECTOR SUPERVISING PLUGGING: Kenneth Butcher

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Kanawha } ss:

Bill M. Endicott and Robert Collins

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 Devon Energy Corporation, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 22 day of June, 1983, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
Oriskany	Set cement plug in 4 1/2" casing from 4550' to total depth across perforated interval			
	Filled hole with gel			
	Cut 4 1/2" casing at cement top of 2360'			
	Set 100' cement plug across casing cut from 2355' to 2255'			
	Filled hole with gel			
	Cut 7" casing at free point of 1450'			
	Set 100' cement plug across casing cut from 1450' to 1350'			
	Filled hole with gel			
	Set 50' cement plug at 175' to 225' in bottom of 9 5/8" casing.			
	Set cement plug in 9 5/8" casing from 50' to surface and installed monument			
	Cleaned up and reclaimed location and road			
COAL SEAMS	in accordance with approved reclamation plan.	DESCRIPTION OF MONUMENT		
(NAME)		30" above surface with inscription		
(NAME)		Devon Energy Corporation - Well		
(NAME)		#918. Permit #47-053-0150-P		
(NAME)		Abandoned: June 23, 1983		

and that the work of plugging and filling said well was completed on the 23rd day of June, 1983.

And further deponents saith not.

Sworn to and subscribed before me this 8th day of February, 1984.

*Bill Endicott*  
*Robert Collins*  
*Sharon Allison*

My commission expires: March 27, 1990

Notary Public.  
Permit No. 47-053-0150-P

MRS 150