



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
MAY 18 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.

Surface Owner C. R. Gill
Address Rt. 2, Letart, W. Va.
Mineral Owner C. R. Gill, et al
Address Rt. 2, Letart, W. Va.
Coal Owner Same as above
Address _____
Coal Operator Not operated
Address _____

DATE May 15, 1978
Company DEVON CORPORATION
Address Box 1433, Charleston, W. Va. 25325
Farm C. R. Gill Acres 275 ac
Location (waters) Oldtown Creek
Well No. 886 (1) Elevation 919
District Cooper County Mason
Quadrangle Mount Alto

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 9-19-78.

Deputy Director - Oil & Gas Division

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

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 May 22 1968 by C. R. Gill, et al made to Commonwealth Gas Co. and recorded on the _____ day of _____ 19 , in Mason County, Book 31 Page 470
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:

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

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

Address
of
Well Operator

08/25/2023

*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

MAS-147

PERMIT NUMBER

47-053

**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: 4100 ROTARY XXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Marcellus Shale
 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	300	300	125 Sax=To surface
8 - 5/8			
7	2350	2350	75 Sax=625'
5 1/2			
4 1/2		4100	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. 08/25/2023

For Coal Company

Official Title

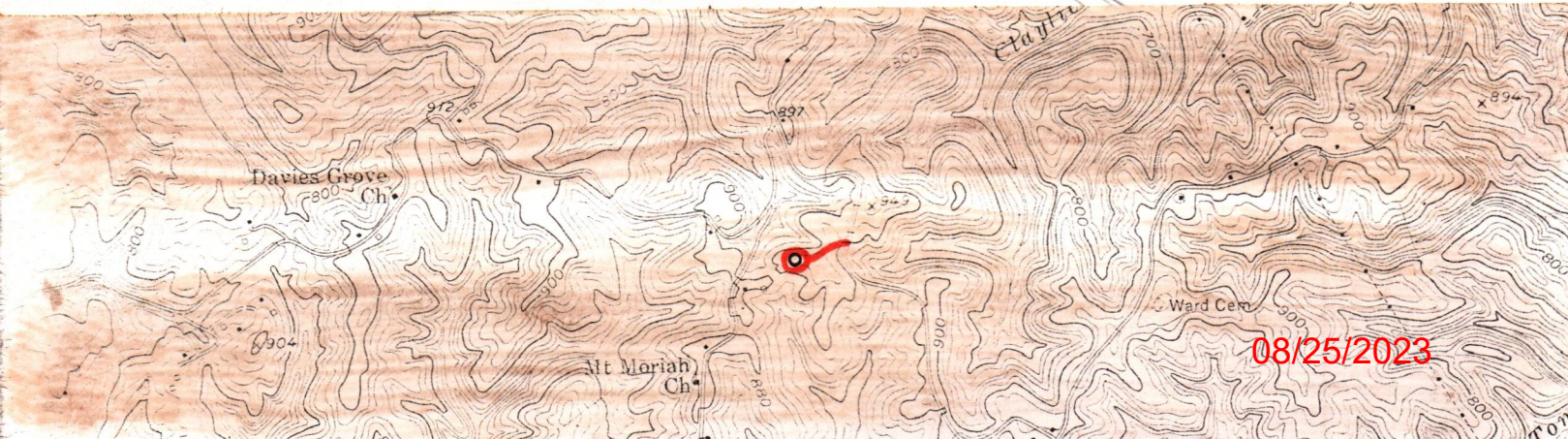
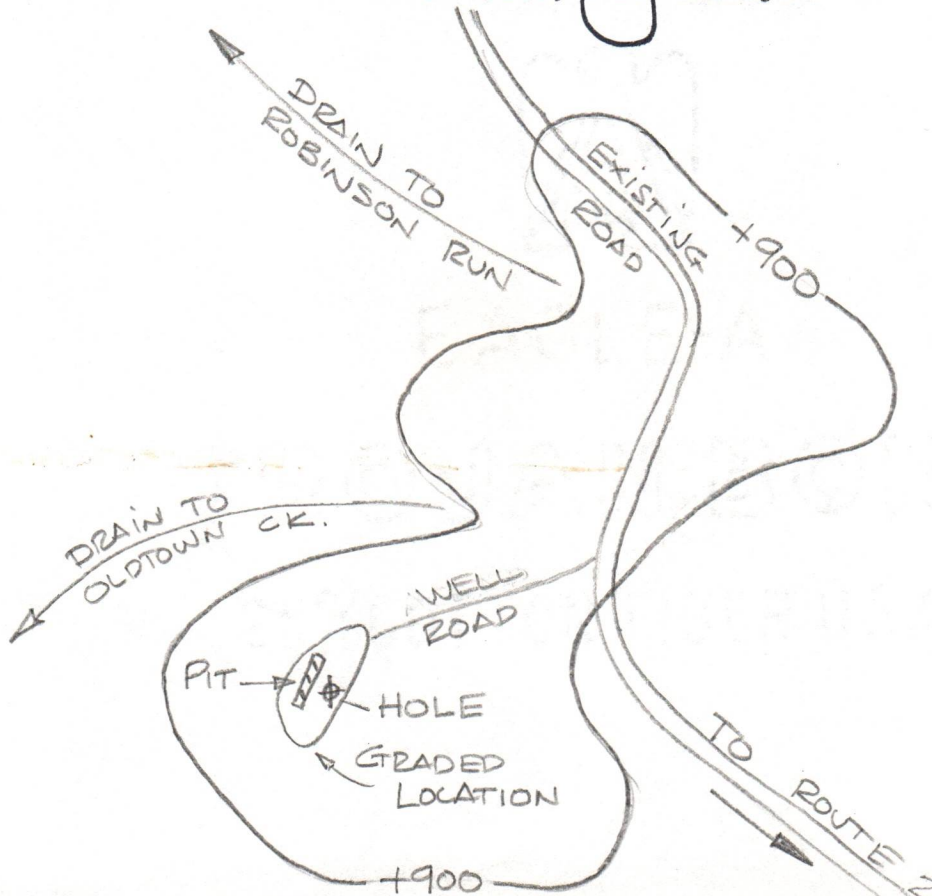
DEVON CORPORATION
#886 C. R. Gill
Cooper Dist., Mason Co., W. Va.

Access to drillsite is on an existing road which intersects Rt. 2 at Mt. Olive church. Location is 2½ miles southwest of the town of Letart.

Drillsite is situated on a knoll on gently sloping surface. Pit will be dug into undisturbed soil and will be lined with a plastic pit liner. All disturbed soil will be recontoured, seeded and reclaimed to the satisfaction of the landowner and in accordance with state regulations.

"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 A. C. Youse
A. C. Youse, Dist. Geologist





STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD

RECEIVED
JAN 30 1980

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Mount Alto
Permit No. MAS-147

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

Company DEVON CORPORATION
Address Box 1433, Charleston, WV
Farm C. R. Gill Acres 275
Location (waters) Oldtown Creek
Well No. 886 Elev. 919
District Cooper County Mason
The surface of tract is owned in fee by
C. R. Gill
Address Rt. 2, Letart, WV
Mineral rights are owned by C. R. Gill, et al
Address Same as above
Drilling Commenced May 19, 1978
Drilling Completed May 26, 1978
Initial open flow Show cu. ft. _____ bbls.
Final production 194 MCFD ~~xxxxxx~~ day _____ bbls.
Well open 4 hrs. before test 750 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	322	322	125 sacks
8 5/8			
7	2321	2321	75 sacks
5 1/2			
4 1/2	4092	4092	150 sacks
3			
2		4024	
Liners Used			

Well treatment details:

Attach copy of cementing record. Halliburton

perforated 4 1/2" casing 3926-4033' with 18 shots, frac marcellus with 60,000# sand and 325 bbl water, tested 56 MCF/Day after frac. Set bridge plug at 3710'.
Perforated 4 1/2" casing 3486-3630 w/22 shots. Frac Br. Shale with 60,000# sand and 369 bbl water. Tested 138 MCF/Day after frac. Drilled out bridge plug.

Coal was encountered at None Feet _____ Inches _____
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Br. Shale & Marcellus Depth 3486-3630 & 3926-4033

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			0	147		
Sand			147	174		
Shale			174	371		
Sand			371	412		
Shale			412	450		
Sand			450	495		
Shale			495	605		
Sand			605	647		
Shale			647	779		
Broken Sand			779	868		
Shale			868	892		
Sand			892	922		
Shale			922	946		
Sand			946	1085		
Shale			1085	1107		
Sand			1107	1140		
Shale			1140	1173		
Sand			1173	1279		
Shale			1279	1343		
Sand			1343	1367		
Shale			1363	1512		
Sand			1512	1531		
Shale			1531	1579		

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(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Broken Sand			1579	1616		
Sand			1616	1642		
Shale			1642	1651		
Lime			1651	1722		
Shale			1722	1730		
Injun Sand			1730	1784		
Shale			1784	2190		
Coffee Shale			2190	2204		
Berea Sand			2204	2232		
Shale			2232	3272		
Br. Shale			3272	3640		
Shale			3640	3948		
Marcellus Shale			3948			
Total Depth				4055		

08/25/2023

Date January 29, 19 80

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

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

RECEIVED

MAR 10 1980

OIL & GAS DIVISION
INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 47-053-0147

Oil or Gas Well _____
(KIND)

Company <u>Devan Corp.</u>	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Address <u>Charleston, W. Va.</u>	Size			
Farm <u>C. R. Gull</u>	16			Kind of Packer
Well No. <u>886</u>	13			
District <u>Cooper</u> County <u>Mason</u>	10			Size of
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 3/4			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs. _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Final inspection made on this well.

3-5-8

DATE

H. E. Burt

08/25/2023

DISTRICT WELL INSPECTOR

503



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

March 14, 1980

WALTER N. MILLER
DIRECTOR

ROBERT L. DODD - P. E.
DEPUTY DIRECTOR

Devon Corporation
Box 1433
Charleston, WV 25325

In Re: PERMIT NO 053-0147
FARM C. R. Gill
WELL NO 1-886
DISTRICT Cooper
COUNTY Mason

Gentlemen:

The Final Inspection Report for the above described well has been received in this office. Only the column checked below applies.

 The well designated by the above permit number has been released under your Blanket Bond.

 Please return the enclosed cancelled Single Bond which covered the well designated by the above permit number to the Surety Company who executed said bond in your behalf, in order that they may give you credit on their records.

 x Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

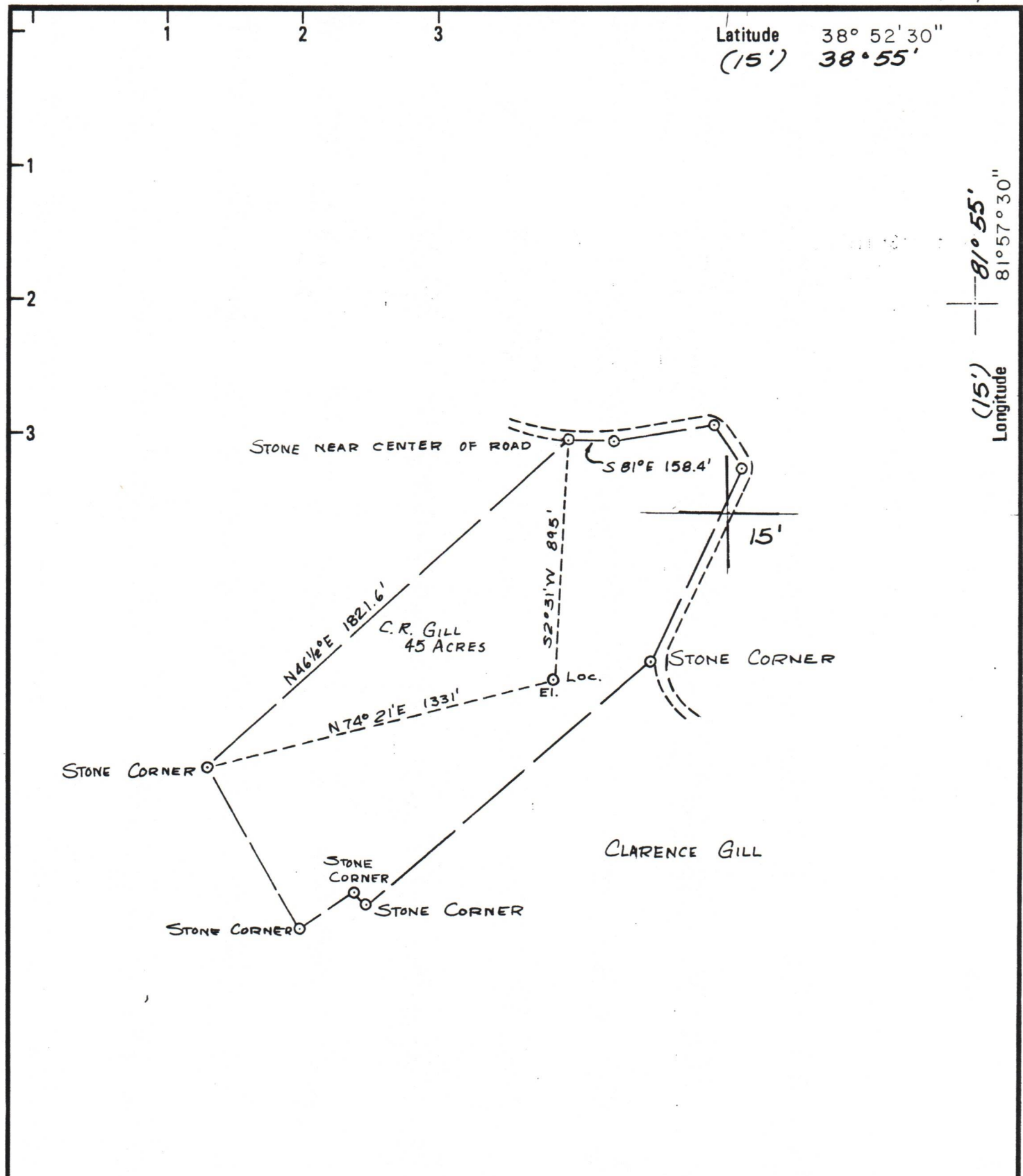
Very truly yours,

Robert L. Dodd

RLD/chm

08/25/2023

5/18/78 R



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 in 200
 Source of Elevation USGS Hilltop Elev. 949

"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."

Company DEVON CORP.
 Address P.O. BOX 1433 CHARLESTON, W.V.
 Farm C. R. GILL
 Tract Acres 45 Lease No. 3622
 Well (Farm) No. 1 Serial No. 886
 Elevation (Spirit Level) 919
 Quadrangle MT. ALTO, RAVENSWOOD 15'
 County MASON District COOPER
 Surveyor James D. Lepton
 Surveyor's Registration No. 149
 File No. Drawing No.
 Date 5-18-78 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. **MAS-147**

08/25/2023

+ 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.
24,000

- Denotes one inch spaces on border line of original tracing.

47-053

4100' Marcellus Shale