

RECEIVED
MAY 06 1985



1) Date: May 1, 1985
2) Operator's Well No. Reynolds #2
3) API Well No. 47 105-1176
State West Virginia County Wirt Permit

RECEIVED
MAY 20 1985

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

- 4) WELL TYPE: A Oil Gas
B (If "Gas", Production / Underground storage / Deep / Shallow /)
- 5) LOCATION: Elevation: 952 Watershed: Two Run
District: Burning Springs County: Wirt Quadrangle: Girta 7 1/2 366
- 6) WELL OPERATOR H. D. Wells Oil & Gas, Inc. 7) DESIGNATED AGENT H. D. Wells, III
Address P.O. Box 1785 Address same
Charleston, WV 25326 52900
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
Name Homer Dougherty #927-4591 Name Carl E. Smith
Address Linden Rt. Box 3A Address Sandyville, WV
Looneyville, WV
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Marcellus Shale
- 12) Estimated depth of completed well, 4700 feet
- 13) Approximate trata depths: Fresh, 90 feet; salt, 900 feet.
- 14) Approximate coal seam depths: none Is coal being mined in the area? Yes / No /

15) 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	9 5/8			x		250	250	cir to surface	kinds
Fresh water	7		23	x		1700	1700	285 sks.	
Coal									Sizes
Intermediate									
Production Tubing	4 1/2		10.5	x		4700	4700	480 or as required	Depth set by rule 15.01
Liners									Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-105-1176 Date May 22 19 85

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires May 22, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
169	MW	MW	MW	3425

Margaret J. Hasse
Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File
12/29/2023

IV-9
(Rev 8-81)



RECEIVED

State of West Virginia

DATE APRIL 13 1985

WELL NO. REYNOLDS #2

API NO. 47 105-1176

MAY 20 1985

Department of Mines

Oil and Gas Division

Construction & Reclamation Plan

OIL & GAS DIVISION

DEPT. OF MINES

COMPANY NAME H.D. WELLS OIL & GAS

ADDRESS P.O. Box 1785

CHARLESTON, W.V. 25326

Telephone 346-2829

LANDOWNER C. REYNOLDS

Revegetation to be carried out by H.D. WELLS OIL & GAS (Agent)

DESIGNATED AGENT H.D. WELLS III

ADDRESS P.O. Box 1785

CHARLESTON, W.V. 25326

Telephone 346-2829

SOIL CONS. DISTRICT LITTLE KANAWHA

This plan has been reviewed by LITTLE KANAWHA SCD. All corrections and additions become a part of this plan:

4/15/85

(Date)

Randall J. Johnson

(SCD Agent)

ACCESS ROAD

Structure CULVERT (A)

Spacing 15" DIA MIN.

Page Ref. Manual 2-7

Structure OPEN SIDE DITCH (B)

Spacing CUT SIDE OF ROAD

Page Ref. Manual 2-12

Structure CROSS DRAINS (C)

Spacing 45-400' (AS NEEDED)

Page Ref. Manual 2.1

LOCATION

Structure DIVERSION DITCH ①

Material SOIL

Page Ref. Manual 2.12

Structure SEDIMENT BARRIER ②

Material BALED HAY +/OR BRUSH

Page Ref. Manual 2.16

Structure _____

Material _____

Page Ref. Manual _____

DEPT. OF MINES
OIL & GAS DIVISION

MAY 06 1985

SEE SKETCH

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I + II

Lime 2 Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch STRAW OR HAY 2 Tons/acre

Seed* FESCUE 40 lbs/acre

REDTOP 5 lbs/acre

_____ lbs/acre

_____ lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

Treatment Area III

Lime _____ Tons/acre
or correct to pH _____

Fertilizer _____ lbs/acre
(10-20-20 or equivalent)

Mulch _____ Tons/acre

Seed* _____ lbs/acre

_____ lbs/acre

_____ lbs/acre

_____ lbs/acre

12/29/2023

PLAN PREPARED BY DARRELL R. BOISELLS

ADDRESS RT 1, BOX 92

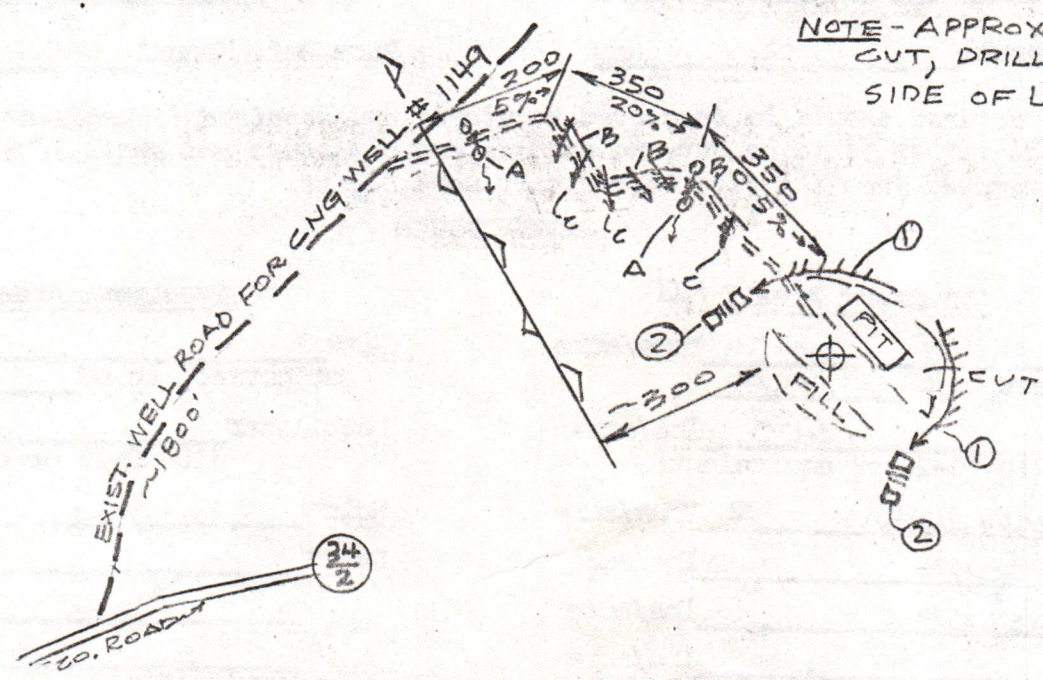
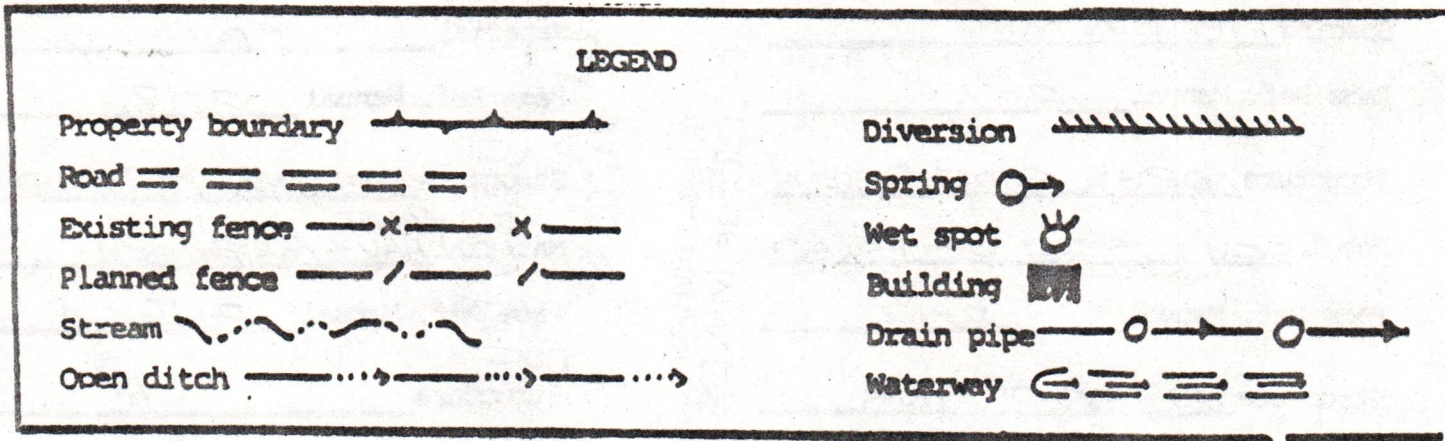
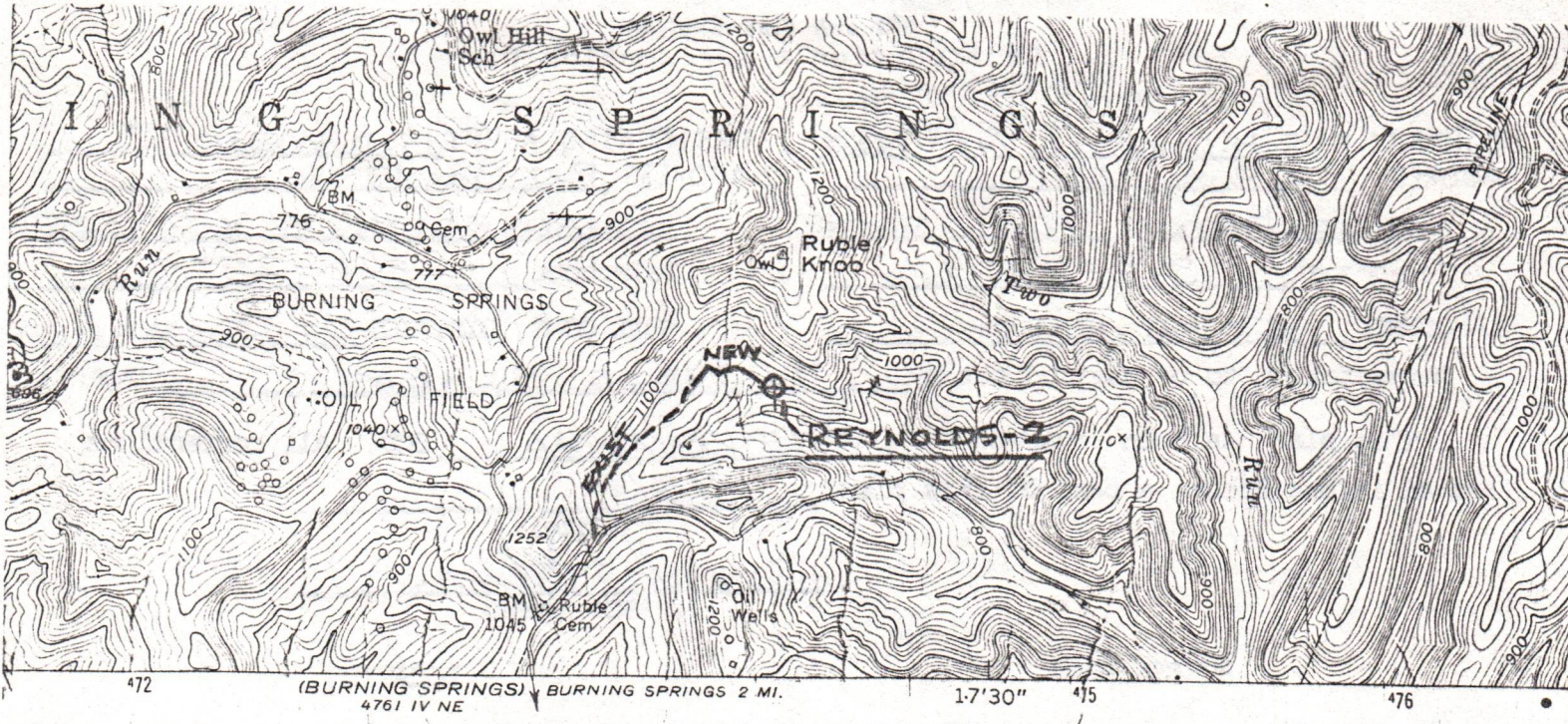
ELIZABETH, W. VA.

PHONE NO. 474-3654

NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach service sheets as necessary. Comments.

ATTACH OR PHOTOCOPIY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE GIRTA 7 1/2

LEGEND
WELL SITE ACCESS ROAD



NOTE - APPROX. 4-6' VERTICAL CUT, DRILL PIT ON CUT SIDE OF LOCATION

- Comments:
1. BRUSH AND TREES TO BE CUT AND PILED AT SITE
 2. ACCESS ROAD = ~1800' EAST, ~900' NEW
 3. LOCATION ON SOUTH FLAT OF HILLSIDE
 4. _____
 5. _____
- 12/29/2023

1) Date: May 1, 1985
2) Operator's Well No. Reynolds #2
3) API Well No. 47 105-1176
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Charles Reynolds
Address Route 2
New Philadelphia, OH 44663

5(i) COAL OPERATOR
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____

(ii) Name _____
Address _____

(iii) Name _____
Address _____

- TO THE PERSON(S) NAMED:
- (1) The Application to be plugged, and describes the cementing program
 - (2) The plat (survey)
 - (3) The Construction plan (well, wellbore, and reclamation for

THE REASON YOU RECEIVE THIS NOTICE IS THAT YOU HAVE BEEN DETERMINED TO BE THE PERSON(S) NAMED IN THIS NOTICE. YOU MAY OBJECT TO THIS DETERMINATION BY FILING A WRIT OF HABEAS CORPUS WITH THE CIRCUIT COURT OF THE COUNTY IN WHICH YOU RESIDE.

Take notice that an operator proposes to file for a Well Work Permit with the Department of Mines, with and depicted on attached Construction and Reclamation Plan, before the day of mailing.

- 6) EXTRACTION RIGHTS
Check and provide one of the following:
 Included is the leasehold interest in the land on which I hold the right to extract, produce or market the oil or gas.
 The requirement of the leasehold interest in the land on which I hold the right to extract, produce or market the oil or gas.
- 7) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas under the lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

WELL OPERATOR H. D. Wells Oil & Gas Exp. & Dev., Inc

By H. D. Wells, III
Its President
Address P.O. Box 1785
Charleston, WV 25326
Telephone (304) 346-2829

this 3rd day of May, 1985.
My commission expires August 25, 1991.

Notary Public, Putnam County,
State of West Virginia

PS Form 3811, July 1982

SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
 Show to whom and date delivered
 Show to whom, date, and address of delivery ..
 RESTRICTED DELIVERY.....
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ _____

3. ARTICLE ADDRESSED TO:
Charles Reynolds
Route 2
New Philadelphia, OH 44663

4. TYPE OF SERVICE: REGISTERED INSURED CERTIFIED COD EXPRESS MAIL
ARTICLE NUMBER P 522 13724

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE Addressee Authorized agent
Charles Reynolds

5. DATE OF DELIVERY MAY 07 1985

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:

U.S. EMPLOYEE'S INITIALS [Signature]

WITH DECLARATION ON RECORD:

Following documents:
if the well is to be plugged, other work, or to be cased and

work is only to be done on the well and for

THE APPLICATION FOR A WELL WORK PERMIT TAKE ANY

needed well operating documents, including the plat, and the mail or delivered as) on or

by which (specify)

MAY 20 1985

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MAY 06 1985

OIL & GAS DIVISION
DEPT. OF MINES

12/29/2023

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
Wheaton Heirs	Bow Valley Petroleum farmout to H. D. Wells Oil & Gas Expl. & Dev., Inc.	12.5%	163 804



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AUG 22 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia
Department of Mines
Oil and Gas Division

Date August 20, 1985
Operator's
Well No. REYNOLDS #2
Farm C. REYNOLDS
API No. 47 - 105 - 1176

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production X / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 887' Watershed Two Run
District: B. Springs County Wirt Quadrangle Girta 7.5'

COMPANY H.D. WELLS OIL & GAS INC.
ADDRESS Box 1785 Charleston, WV 25236
DESIGNATED AGENT H.D. Wells III
ADDRESS same
SURFACE OWNER C. Reynolds
ADDRESS Rt. 2 New Philadelphia, Ohio
MINERAL RIGHTS OWNER Wheaton Heirs
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK Homer
Dougherty ADDRESS Looneyville, WV
PERMIT ISSUED May 5, 1985
DRILLING COMMENCED June 6, 1985
DRILLING COMPLETED June 13, 1985
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	15'	15'	20 sks
9 5/8	260'	260'	90 sks
8 5/8			
7	1682'	1682'	170 sks
5 1/2			
4 1/2		4013'	210 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 1712'-4048' feet
Depth of completed well 4048 feet Rotary X / Cable Tools
Water strata depth: Fresh 115 feet; Salt feet
Coal seam depths: N/A Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 2101'-3920' feet
Gas: Initial open flow show Mcf/d Oil: Initial open flow show Bbl/d
Final open flow 40 Mcf/d Final open flow 15 Bbl/d
Time of open flow between initial and final tests 8 hours
Static rock pressure 350 (est) psig (surface measurement) after 8 hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

WIRT 1176

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

1st Stage: 3920'-3518' 24 holes

700,000 scf-N₂
500 gal. HCL
Inj. Rate 68,000scf/min.
Max. Press. 4300#
ISIP 2500#

3rd Stage: 2763'-2274' 18 holes

1,350,000 scf-N₂
500 gal. HCL
Inj. Rate 63,000 scf/min.
Max. Press. 4600#
ISIP 2400#
Bridge Plug @2796'

2nd Stage: 3444'-2821' 24 holes

1,100,000 scf-N₂
750 gal. HCL
Inj. Rate 80,900 scf/min.
Max. Press. 4500#
ISIP 3300#
Bridge Plug @3470'

4th Stage: 2101'-1814' 16 holes

1,200,000 scf-N₂
500 gal. HCL
Inj. Rate 70,000 scf/min
Max. Press. 4500#
ISIP 2500#
Bridge Plug @2144'

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Soil			0	5	
Sand			5	15	
Shale			15	28	
Sand & Shale			28	764	Water @ 115'
Salt Sand			764	905	
Shale			905	986	
Maxon Sand			986	1110	
Lime			1110	1220	
Sand			1220	1280	
Sandy Shale			1280	2900	
Shale			2900	4300 DTD	
<u>ELECTRIC LOG TOPS</u>					
BIG LIME			1127'	1253'	Elev. 887'
INJUN SAND			1269'	1285'	K.B. 897'
SUNBURY (COFFEE) SHALE			1702'	1715'	
BEREA SAND			1715'	1717'	
DEVONIAN SHALE			1717'	4030' LTD	

(Attach separate sheets as necessary)

H. D. WELLS OIL & GAS INC.

Well Operator

By:

H. D. Wells III

12/29/2023

Date: AUGUST 20, 1985

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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

RECEIVED
JUN 18 1985

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 105-1176

Oil or Gas Well _____
(KIND)

Company <u>H. D. Wells Oil & Gas</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Chas., W. VA.</u>	Size			
Farm <u>C. Reynolds</u>	16			Kind of Packer
Well No. <u>Reynolds #2</u>	13			
District <u>B Springs</u> County <u>Stirt</u>	10 <u>9 5/8</u>		<u>248</u>	Size of
Drilling commenced <u>6-6-85</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/4	<u>7</u>	<u>1724</u>	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 <u>9 5/8</u> SIZE <u>248</u> No. FT. <u>6-7-85</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Dowell</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names C. H. Price Lusher Rodney Patton

Clint Hunt Rig #5

Remarks:
6-7-85 - ran 248 ft. of 9 5/8" surface pipe, cemented with 90 sks. of neat 3% CC. Plug down 6:45 A.M. by Dowell.
6-9-85 - ran 1724 ft. 7" pipe, cemented with 100 sks. neat and 170 sks. lightweight #5 plug down 3:30 A.M. by Dowell
6-11-85 - 3000 ft. deep drilling on air with 6 1/4" bit.

6-11-85
DATE

Homes H. D. [Signature]
12/29/2023
DISTRICT WELL INSPECTOR

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

RECEIVED

JUN 18 1985

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 105-1176

Oil or Gas Well _____
(KIND)

Company <u>H. D. Wells Oil & Gas</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Chas., W. VA.</u>	Size			
Farm <u>C. Reynolds</u>	16			Kind of Packer _____
Well No. <u>Reynolds #2</u>	13			
District <u>B. Springs County, West</u>	10			Size of _____
Drilling commenced <u>6-6-85</u>	8 1/4			
Drilling completed <u>6-12-85</u> Total depth <u>4048</u>	6 5/8			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 C. St. Price Lusher Rodney Raptow

Clint Hurt Rig #5

Remarks:
6-12-85 - T.D. 4048 ft. 3:30 P.M.
6-13-85 - ran 4003 ft. 4 1/2" pipe, cemented with 210 sks light and 95 sks. neat 3% CC. plug down 6:00 A.M. by Dawell, rig rigging down.

6-13-85
DATE

Homer H. Dougherty
DISTRICT WELL INSPECTOR

12/29/2023

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

RECEIVED
JUN 26 1985

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 105-1176

Oil or Gas Well _____
(KIND)

Company <u>H.D. Wells Oil + Gas Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Chas., W.VA.</u>	Size			
Farm <u>C. Reynolds</u>	16			Kind of Packer _____
Well No. <u>Reynolds #2</u>	13			
District <u>B. Springs</u> County <u>Put</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			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 Status Report.

Remarks:
6-21-85 - Well has been fracked, Pool Well Service on location drilling out plugs, crew hooking up two 210 BBL tanks on location + laying oil line Gas line laid to location.

6-21-85
DATE

Homer H. Doughty
DISTRICT WELL INSPECTOR
02/29/2023

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED				BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST		

Drillers' Names _____

Remarks: _____

DATE I hereby certify I visited the above well on this date.

12/29/2023
DISTRICT WELL INSPECTOR

IR-26
Obverse

RECEIVED
JUN 11 1986

INSPECTOR'S PERMIT SUMMARY FORM DIVISION OF OIL & GAS
DEPT. OF ENERGY

(5-22-85)

WELL TYPE OIL
ELEVATION 882'
DISTRICT BURNING SPRINGS
QUADRANGLE GIRTA
COUNTY WIRT

API# 47- 105 - 1176
OPERATOR H.D. WELLS OIL & GAS, :INC
TELEPHONE (304)346-2829
FARM REYNOLDS
WELL # 2

SURFACE OWNER C. REYNOLDS COMMENTS NA TELEPHONE NA
TARGET FORMATION MARCELLUS DATE APPLICATION RECEIVED 5/1/85

DATE STARTED _____
LOCATION _____ NOTIFIED _____ DRILLING COMMENCED _____

WATER DEPTHS _____, _____, _____, _____
COAL DEPTHS _____, _____, _____, _____

CASING

Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up

TD _____ feet on _____

PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

Date Released 6/6/86


G. ROBINSON 12/29/2023

Inspector's signature

DEPT. OF ENERGY

API# 47 _____ - _____

LIST ALL VISITS FOR THIS PERMIT

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
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- 17
- 18
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- 20

DATE	TIME	PURPOSE	COMMENTS

Notes

12/29/2023

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47-105-1176</u>			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>103</u> Section of NGPA		Category Code: <u>103</u>	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>4048</u> feet		AUG 22 1985	
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	H.D. WELLS OIL & GAS <small>DIVISION OF OIL & GAS</small> <small>Name</small> <u>INCORPORATED <small>DEPARTMENT OF ENERGY</small> <u>P.O. Box 1785</u> <small>Street</small> <u>Charleston</u> <u>WV</u> <u>25326</u> <small>City</small> <small>State</small> <small>Zip Code</small> </u>			
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u>BURNING SPRINGS</u> <small>Field Name</small> <u>WIRT</u> <u>WV</u> <small>County</small> <small>State</small>			
(b) For OCS wells	Area Name _____ Block Number _____ Date of Lease _____ Mo. Day Yr. OCS Lease Number _____			
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>REYNOLDS #2</u>			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	_____			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<u>DARENCO, INC.</u> <small>Name</small> <small>Buyer Code</small> _____			
(b) Date of the contract:	<u>03.18.85</u> <small>Mo. Day Yr.</small>			
(c) Estimated annual production:	<u>9.5</u> MMcf			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (Indicate (+) or (-))	(d) Total (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<u>2.991</u>	_____	_____	_____
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	<u>2.991</u>	_____	_____	_____
9.0 Person responsible for this application	<u>H.D. WELLS III</u> <u>PRESIDENT</u> <small>Name</small> <small>Title</small> <u>H.D. Wells III</u> <small>Signature</small> <u>8-21-85</u> <u>(304) 346-2829</u> <small>Date Application is Completed</small> <small>Phone Number</small>			
Agency Use Only				
Date Received by Juris. Agency	<u>AUG 22 1985</u>			
Date Received by FERC				

12/29/2023

SEP 15 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: August 21, 1985 52900

Applicant's Name: H.D. WELLS OIL & GAS

Address: P.O. Box 1785
CHARLESTON, W.V. 25326

Gas Purchaser Contract No. _____

Date of Contract MARCH 18, 1985
(Month, day and year)

First Purchaser: DARENCO, INC. P 700

Address: P.O. Box 219202
(Street or P.O. Box)
HOUSTON TEXAS 77218-9202
(City) (State) (Zip Code)

FERC Seller Code _____

AGENCY USE ONLY
WELL DETERMINATION FILE NUMBER
850822 -1030 -105 - 1176
Use Above File Number on all
Communications Relating to This Well

Designated Agent: H.D. WELLS III

Address: P.O. Box 1785
CHARLESTON, W.V. 25326

FERC Buyer Code _____

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL BE ADDRESSED:

Name: H.D. WELLS III PRESIDENT
(Print) (Title)

Signature: [Signature]

Address: P.O. Box 1785
(Street or P.O. Box)
CHARLESTON W.V. 25326
(City) (State) (Zip Code)

Telephone: (304) 346-2829
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

- 103 New Onshore Production Well
- 103 New Onshore Production Well

- 107 High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressured Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

- 108 Stripper Well Natural Gas
- 108- Stripper Well
- 108-1 Seasonally Affected
- 108-2 Enhanced Recovery
- 108-3 Temporary Pressure Buildup

AGENCY USE ONLY
QUALIFIED
12/29/2023

RECEIVED
AUG 22 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date Received

Determination Date

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

Date August 21, 1985

Operator's Well No. REYNOLDS #2

API Well No. 47 - 105 - 1176
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

DESIGNATED AGENT H.D. WELLS III

ADDRESS Box 1785

CHARLESTON, W. V. 25326

LOCATION: Elevation 887'

Watershed TWO RUN

Dist. BSPRINGS County WIRT Quad. GIRTA 7.5'

Gas Purchase Contract No. _____

Meter Chart Code _____

Date of Contract MARCH 18, 1985

WELL OPERATOR H.D. WELLS OIL & GAS

ADDRESS Box 1785

CHARLESTON, W. V. 25326

GAS PURCHASER DARENCO, INC.

ADDRESS Box 219202

HOUSTON, TEXAS 77218-9202

* * * * *

Date surface drilling was begun: JUNE 6, 1985

Indicate the bottom hole pressure of the well and explain how this was calculated:

$$BHP = P_{wh} + P_{wh} \left[\left(\frac{GL}{2.71828} \frac{T_{wh} + T_{bh} + 460}{2} \right) - 1 \right]$$

BHP = 364.7

$P_{wh} = 350^{\#}$ Note: Well
 $G = .60$ is producing
 $L = 2700'$ oil.
 $T_{wh} = 83^{\circ}$
 $T_{bh} = 94^{\circ}$

AFFIDAVIT

I, MARVIN Combs, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

Marvin Combs

STATE OF WEST VIRGINIA,

COUNTY OF KANAWHA, TO WIT:

I, JANET H. TRIGANUX, a Notary Public in and for the state and county aforesaid, do certify that MARVIN COMBAS, whose name is signed to the writing above, bearing date the 21st day of AUGUST, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 21 day of AUGUST, 1985.

My term of office expires on the 18th day of AUGUST, 1991.

[NOTARIAL SEAL]

Janet H. Trigaux
Notary Public

Violation No. V 86-2305

VI-27 **RECEIVED**
DEPARTMENT OF ENERGY
OIL AND GAS



Date: 10 April 1986
Well No: Reynolds #2
API NO: 47-105-1176
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS
NOTICE OF VIOLATION

APR 17 1986

Well TYPE: Oil / Gas Liquid Injection / Waste Disposal /
Of "Gas" - Production / Storage / Deep / Shallow /
LOCATION: Elevation: 882' Watershed: Two Run
District: Burnsville County: Wirt Quadrangle: Grista
WELL OPERATOR H. O. Wells Oil & Gas Inc. DESIGNATED AGENT Same as operator
Address P.O. Box 1785 Address _____
Charleston, WV 25326

The above well is being posted this 10 day of April, 1986, for a violation of Code 22B-1-30 and/or Regulation 23.00, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Incomplete Reclamation: Install diversion ditches on location, and install diversion ditches and cross drains on access road as per your Reclamation plan. Fertilize, seed and mulch all disturbed areas as per your Construction plan. The 12" Culvert in access road (15" Dia. Min. on Construction plan) needs cleaned out! This well was completed June 1985; your six (6) months has expired!

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until 17 April, 1986, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22B, Article 1.

Alan Robinson
Oil and Gas Inspector

Address RT, #6 Mt Pleasant Estates
Mineral Wells WV
26150
Telephone: (304) 489-9162

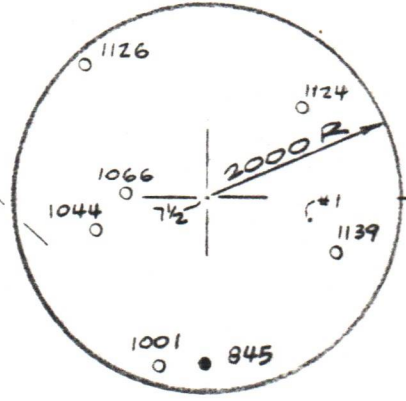
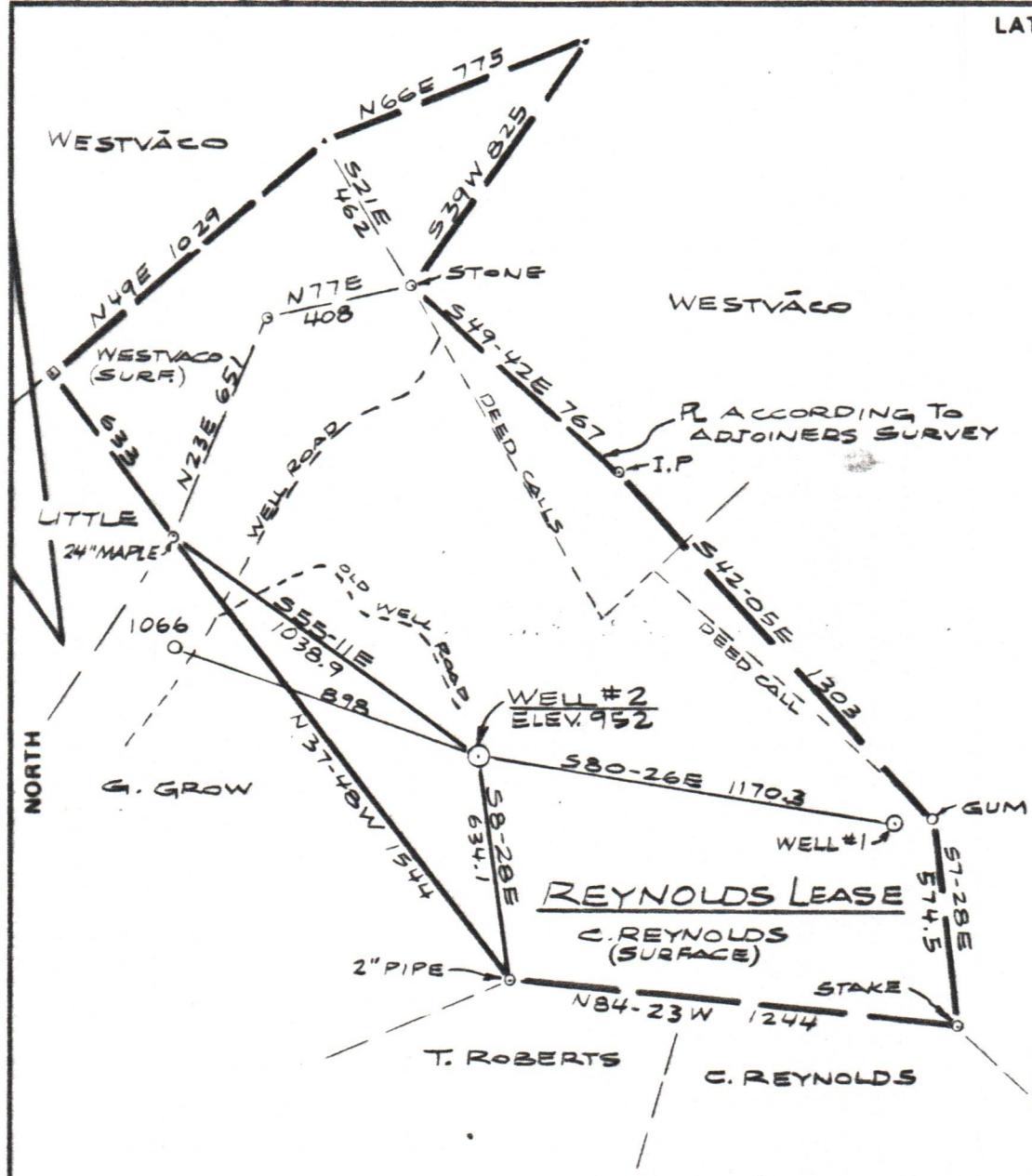
12/29/2023

MW 5-15-85

← 2200 →

LATITUDE 39-02-30

LONGITUDE 81-17-30



WELL REFERENCE
 36" W. OAK N11W 148.5
 24" R. OAK S49W 127.0

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION
 B.M. ELEV. 1045

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) Daniel R Boice
 R.P.E. _____ L.L.S. 667

PLACE SEAL HERE

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



DATE APRIL 10, 19 85
 OPERATOR'S WELL NO. REYNOLDS #2
 API WELL NO. 47-105-1176
 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 952 WATER SHED TWO RUN
 DISTRICT BURNING SPRINGS COUNTY WIRT
 QUADRANGLE GIRTA 7 1/2'
 SURFACE OWNER C. REYNOLDS ACREAGE 50±
 OIL & GAS ROYALTY OWNER WHEATON HEIRS ETAL LEASE ACREAGE 50 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 MARCELLUS SHALE ESTIMATED DEPTH 4700
 WELL OPERATOR H.D. WELLS OIL+GAS INC. DESIGNATED AGENT H.D. WELLS III
 ADDRESS P.O. Box 1785 ADDRESS P.O. Box 1785
CHARLESTON, W. VA. 25326 CHARLESTON, W. VA. 25326

12/29/2023