



1) Date: July 27, 19 84
 2) Operator's Well No. Mills #1
 3) API Well No. 47 - 105 - 1148
 State County Permit

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: 1121.23 Watershed: Burning Springs Run of Little Kanawha (L.K.)
 District: Burning Springs County: Wirt Quadrangle: Burning Springs 27/
 6) WELL OPERATOR H. D. Wells Oil & Gas, Inc. 7) DESIGNATED AGENT H. D. Wells, III
 Address P.O. Box 1785 52900 Address P.O. Box 1785
Charleston, WV 25326 Charleston, WV 25326
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Homer Dougherty Tel: 927-4591 Name Carl E. Smith
 Address Linden Rt., Box 3-A Address Sandyville, WV
Looneyville, WV 25259
 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, Devonian Shale
 12) Estimated depth of completed well, 4750 feet
 13) Approximate strata depths: Fresh, 150 feet; salt, 560 feet.
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes

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 JUL 31 1984
 OIL & GAS DIVISION
 DEPT. OF MINE

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									Kinds
Fresh water	9 5/8			X		275	275	to surface	NEAT
Coal									Sizes
Intermediate	7			X		2000	2000	350 sacks	
Production	4 1/2			X		4750	4750	195 sacks	Depths set
Tubing									Perforations:
Liners									Top Bottom

or as req. by rule 15.0

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-105-1148 August 1, 1984
 Date

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 August 1, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET: <u>169</u>	Agent: <u>LP</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>2956</u>
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Margaret J. Hass
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) LOCATION: Painting Springs Branch of Little Kanawha (L-K)
 2) WELL OPERATOR: D. Wells Oil & Gas, Inc.
 3) OIL & GAS INJECTION TO BE NOTIFIED: None
 4) NAME: Donner Dougherty Tel: 927-4591
 5) ADDRESS: Painting Springs, WV 25326
 6) NAME: Carl E. Smith
 7) ADDRESS: Painting Springs, WV 25326

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DEPT. OF MINING
OIL & GAS DIVISION

FORMATION	ESTIMATED DEPTH OF COMPLETED WELL	APPROXIMATE DEPTH OF TEST	APPROXIMATE COST OF TEST	IS FOOT PRINT MARKED IN THE FIELD
Devonian State	4750	150	500	Yes
to surface	275	275	105 sacks	Yes
350 sacks	2000	4750	105 sacks	Yes

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started	August 1, 1984	87-105-1148
Completion of the drilling process		
Well Record received		
Reclamation completed	August 1, 1986	

OTHER INSPECTIONS

Reason: _____
 Reason: _____

BLANKET	Agent	Plans	Casing	Per For
WA	8/9/84	10/4/84	2524	



IV-9
(Rev 8-81)

DATE July 26, 1984

WELL NO. Mills No. 1

State of West Virginia
Department of Mines
Oil and Gas Division

API NO. 47-105-1148

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME H. D. Wells Inc.
Address P. O. Box 1785
Charleston, WV 25326
Telephone 304/346-2829

DESIGNATED AGENT H. D. Wells Inc.
Address P. O. Box 1785
Charleston, WV 25326
Telephone 304/346-2829

LANDOWNER Fred Kirby

SOIL CONS. DISTRICT Little Kanawha

Revegetation to be carried out by H. D. Wells Inc. H. D. Wells (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections
and additions become a part of this plan: 7-30-84

Garrett Newton
(Date)
(SCD Agent)

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ACCESS ROAD

LOCATION

Structure cross drains (A)

Structure drill pit

Spacing 80'

Material earthen

Page Ref. Manual 2:4

Page Ref. Manual _____

Structure cross drains (B)

Structure location on flat ridge in (2)
a meadow field

Spacing 70'

Material _____

Page Ref. Manual 2:4

Page Ref. Manual _____

Structure _____ (C)

Structure _____ (3)

Spacing _____

Material _____

Page Ref. Manual _____

Page Ref. Manual _____

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

Treatment Area II

Lime 2 Tons/acre
or correct to pH _____

Lime 2 Tons/acre
or correct to pH _____

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

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

Mulch Hay or Straw 2 Tons/acre

Mulch Hay or Straw 2 Tons/acre

Seed* Orchardgrass 20 lbs/acre

Seed* Orchardgrass 20 lbs/acre

Ladino Clover 5 lbs/acre

Ladino Clover 5 lbs/acre

_____ lbs/acre

_____ lbs/acre

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

12/01/2023

PLAN PREPARED BY C. T. Tolley, Jr.

ADDRESS 7911 Sissonville Drive

Sissonville, WV 25320

PHONE NO. 304/988-9432

NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Burning Springs

LEGEND

Well Site ⊕

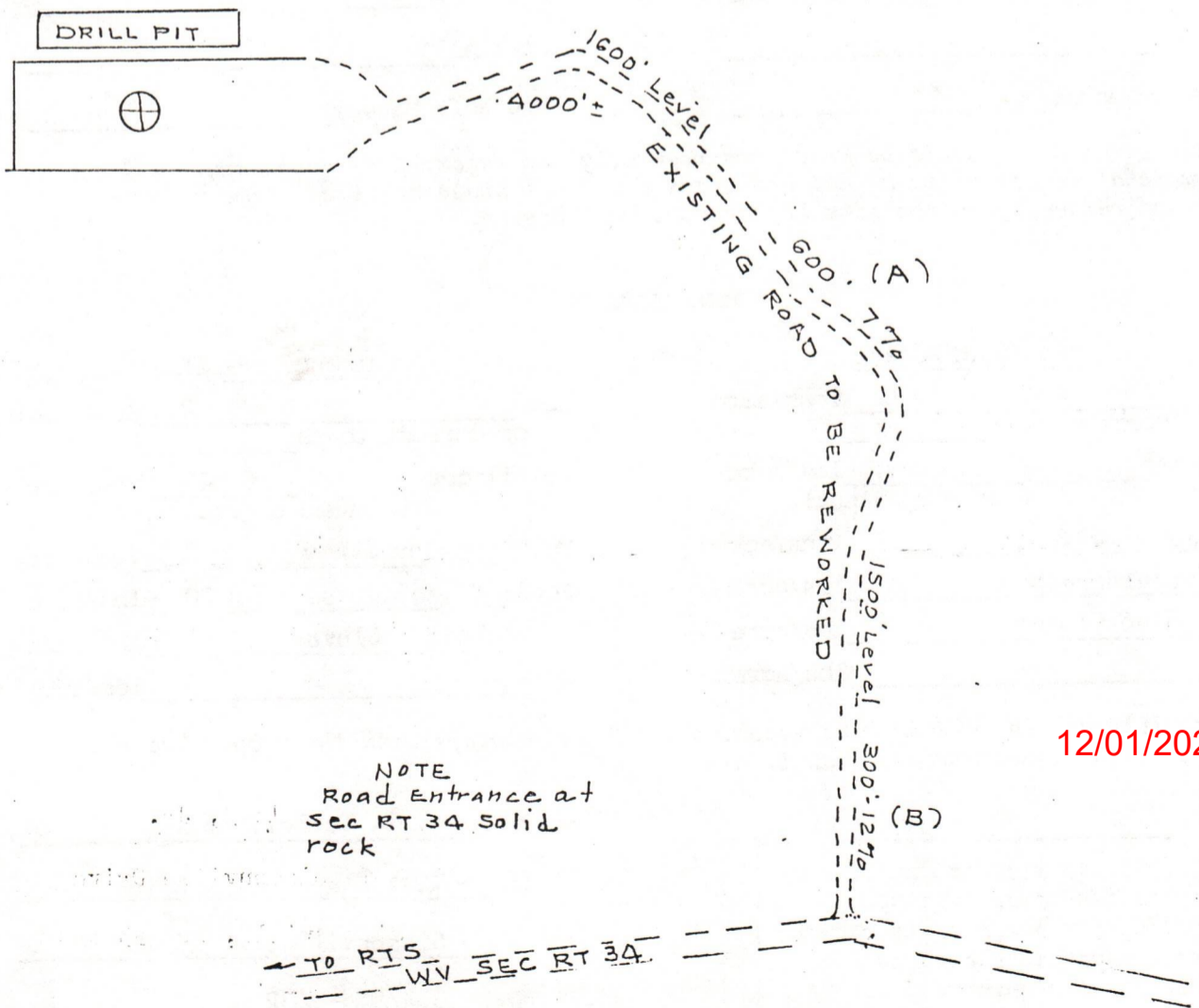
Access Road ———



Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary	——— ——— ——— ——— ———	Diversion	
Road	== == == == ==	Spring	○→
Existing fence	———x———x———	Wet spot	⊙
Planned fence	———/———/———	Building	■
Stream	~~~~~	Drain pipe	○— —○— —
Open ditch	———>>>>———>>>>———>>>>	Waterway	←== == == ==→



Mills No. 1
API #47-105-1148

MINERAL RIGHTS OWNERS

Warren & Katherine Mills
Gail M. Mills
Douglas J. Mills

Elizabeth, WV 26143
Elizabeth, WV 26143
Elizabeth, WV 26143

RECEIVED
DEC 26 1984
OIL & GAS DIVISION
DEPT. OF MINES

12/01/2023

1) Date: July 27, 1984
2) Operator's Well No. Mills #1
3) API Well No. 47 - 105 - 1148
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 Fred W. Kirby Tel: 275-6614
Address Rt. 2, Box 138
Elizabeth, WV 26143

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5 (i) COAL OPERATOR None
Address _____

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name None
Address _____

Name _____
Address _____

5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

RECEIVED
JUL 31 1984
OIL & GAS DIVISION
DEPT. OF MINES

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a 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

H.D. WELLS, III
this 27 day of July, 1984.
My commission expires 9-22, 1991.

Joseph J. Kelly, Jr.
Notary Public, STATE WIDE County,
State of WEST VIRGINIA

WELL

OPERATOR H. D. Wells Oil & Gas, Inc.

By [Signature]
Its President

Address P.O. Box 1785, Charleston, WV 25326

Telephone (304) 346-2829

12/01/2023

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>
Warren & Katherine Mills	Ray Resources (div.		
Gail & Douglas Mills	of Bow Valley Petroleum)	12.5%	160 287

BOW VALLEY PETROL. by FARMOUT AGREEMENT TO
A.S. WELLS OIL & GAS EXP + DEV. INC.
DATED JULY 26, 1984.



1) Date: July 27, 19 84
 2) Operator's Well No. Mills #1
 3) API Well No. 47 State 105 County Permit

**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: 1121.23 Watershed: Burning Springs Run
 District: Burning Springs County: Wirt Quadrangle: Burning Springs
- 6) WELL OPERATOR H. D. Wells Oil & Gas, Inc. 7) DESIGNATED AGENT H. D. Wells, III
 Address P.O. Box 1785 Address P.O. Box 1785
Charleston, WV 25326 Charleston, WV 25326
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Homer Dougherty Tel: 927-4591 Name Carl E. Smith
 Address Linden Rt., Box 3-A Address Sandyville, WV
Looneyville, WV 25259
- 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, Devonian Shale
 12) Estimated depth of completed well, 4750 feet
 13) Approximate trata depths: Fresh, 150 feet; salt, 560 feet.
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes No

RECEIVED
 JUL 31 1984

**OIL & GAS DIVISION
 DEPT. OF MINES**

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									Kinds
Fresh water	9 5/8			x		275	275	to surface	
Coal									Sizes
Intermediate	7			x		2000	2000	350 sacks	
Production	4 1/2			x		4750	4750	195 sacks	Depths set
Tubing									
Liners									Perforations: Top Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____
 By _____
 Its _____ Date _____

X Breda Kirby Date: 7-30-84
 (Signature)
 _____ Date: _____
 (Signature)



**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- “(1) The proposed well work will constitute a hazard to the safety of persons; or
- “(2) The plan for soil erosion and sediment control is not adequate or effective; or
- “(3) Damage would occur to publicly owned lands or resources; or
- “(4) The proposed well work fails to protect fresh water sources or supplies.”

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

P522 137 235

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

Sent to	Fred W. Kirby	
Street and No.	Rt. 2, Box 138	
P.O., State and ZIP Code	Elizabeth, WV 26143	
Postage	\$	
Certified Fee		
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to whom and Date Delivered		
Return Receipt Showing to whom, Date, and Address of Delivery		
TOTAL Postage and Fees	\$1.55	
Postmark or Date		

OIL & GAS DIVISION
DEPT. OF MIN.

JUL 31 1984

RECEIVED

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

2. RESTRICTED DELIVERY
(The restricted delivery fee is charged in addition to the return receipt fee.)

3. ARTICLE ADDRESSED TO: _____

TOTAL \$ _____

4. TYPE OF SERVICE:

REGISTERED INSURED

CERTIFIED COD

EXPRESS MAIL

ARTICLE NUMBER _____

I have received the article described above.

SIGNATURE Addressee Authorized agent

DATE OF DELIVERY *July 30 1984*

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:

POSTMARK (may be on reverse side)

U.S. DEPARTMENT OF THE INTERIOR
JUL 30 1984
Va. EMPLOYEES UNIONS

* GPO: 1982-379-593

12/01/2023

8-1-84

IR-26
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

WELL TYPE COMBINATION (OIL & GAS)
ELEVATION 1121.23'
DISTRICT BURNING SPRINGS
QUADRANGLE GIRTA
COUNTY WIRT

API# 47- 105 - 1148
OPERATOR H.D. WELLS OIL & GAS, INC
TELEPHONE (304)346-2829
FARM KIRBY
WELL # MILLS #1

SURFACE OWNER FRED KIRBY COMMENTS - - - TELEPHONE - - -
TARGET FORMATION DEV. SHALE DATE APPLICATION RECEIVED 7/27/84
DATE STARTED 8/1/84 NOTIFIED YES DRILLING COMMENCED 8/10/84
LOCATION _____

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

WATER DEPTHS NR, _____, _____, _____
COAL DEPTHS _____, _____, _____, _____ **APR 17 1986**

CASING
Ran 290 feet of 9 5/8 "pipe on 8/11/84 with 100 sx fill up
Ran 2020 feet of 7 "pipe on 8/14/84 with 115 sx fill up
Ran 4762 feet of 4 1/2 "pipe on 8/19/84 with 200 sx fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
TD 4775 feet on 8/19/84

PLUGGING

Type	From	To	Pipe Removed
NA			

Pit Discharge date: NA Type _____
Field analysis ph _____ fe _____ cl _____
Well Record received _____

Date Released 4/10/86

Glen P. Robinson
GLEN P. ROBINSON **12/01/2023**
Inspector's signature

API# 47 _____ - _____

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

12/01/2023



IV-35
(Rev 8-81)

RECEIVED
DEC 26 1984
OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date November 27, 1984
Operator's
Well No. Mills No. 1
Farm Mills
API No. 47 - 105 - 1148

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: 1121.23 Watershed Burning Springs Run of Little Kanawha
District: Burning Springs County Wirt Quadrangle Burning Springs

COMPANY H. D. Wells Oil & Gas, Inc.

ADDRESS P.O. Box 1785, Charleston, WV 25326

DESIGNATED AGENT H. D. Wells, III

ADDRESS same as above

SURFACE OWNER Fred W. Kirby

ADDRESS Rt. 2, Box 138, Elizabeth, WV 26143

MINERAL RIGHTS OWNER see attached sheet

ADDRESS

OIL AND GAS INSPECTOR FOR THIS WORK Homer

Dougherty ADDRESS Looneyville, WV

PERMIT ISSUED August 1, 1984

DRILLING COMMENCED August 10, 1984

DRILLING COMPLETED August 24, 1984

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"			
9 5/8	307	307	to surface
8 5/8			
7	2,032	2,032	350 sks
5 1/2			
4 1/2	4,780	4,780	195 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Brown Shale Depth 4,780 feet

Depth of completed well 4,780 feet Rotary x / Cable Tools

Water strata depth: Fresh 150 feet; Salt 560 feet

Coal seam depths: none Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 4,630 feet

Gas: Initial open flow 20,000 Mcf/d Oil: Initial open flow Show Bbl/d

Final open flow 60,000 Mcf/d Final open flow 1 Bbl/d

Time of open flow between initial and final tests 24 hours

Static rock pressure 460 psig (surface measurement) after 12 hours shut in

(If applicable due to multiple completion--)

12/01/2023

Second producing formation Shale Pay zone depth 3,222 feet

Gas: Initial open flow 10,000 Mcf/d Oil: Initial open flow N/A Bbl/d

Final open flow 10,000 Mcf/d Oil: Final open flow N/A Bbl/d

Time of open flow between initial and final tests 6 hours

Static rock pressure 230 psig (surface measurement) after 8 hours shut in

(Continue on reverse side)

WIRT
1/48

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

- First Stage: Perforate 4053-4629 feet with 18 holes drop acid. Fracture with 1,000,000 SCF N²
- Second Stage: Perforate 3222-3987 feet with 16 holes drop acid. Fracture with 1,000,000 SCF N²
- Third Stage: Perforate 2472-2877 feet with 15 holes drop acid. Fracture with 1,052,000 SCF N²

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	Red		0	20	
Sand & Shale	Light		20	100	
Shale	Red		100	1,330	Fresh Water @ 150 ft.
Shale	Gray		1,330	1,675	Salt Water @ 560 ft.
Sand	Gray		1,675	1,778	
Shale	Gray		1,778	1,786	
Sand	White		1,786	1,830	
Lime	Gray	Hard	1,830	1,880	
Sand	Buff	Hard	1,880	1,950	
Shale	Brown	Soft	1,950	4,780	Total Depth

(Attach separate sheets as necessary)

H. D. Wells Oil & Gas Exp. & Dev., Inc.
Well Operator

By: H. D. Wells, III

12/01/2023

Date: 11/27/84

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

AUG 14 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

Permit No. 105-1148

DEPT. OF MINES
(KIND)

Company Address Farm Well No. District Drilling commenced Drilling completed Date shot Initial open flow Open flow after tubing Volume Rock pressure Oil Fresh water Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
<u>H. D. Wells Oil + Gas Co.</u>	16			
<u>Charleston, W. Va.</u>	13			
<u>Mills et al</u>	10			Size of
<u>Mills #1</u>	8 1/4			
<u>Burning Springs County West</u>	6 3/8			Depth set
	5 3/16			
	3			Perf. top
	2			Perf. bottom
	Liners Used			Perf. top
				Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: 8/6/84 Looked up location. Crew cutting Brush along existing road to be upgraded. No grading has been done yet.

8/6/84
DATE

Homer H. Dougherty
121019023
DISTRICT WELL INSPECTOR

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

RECEIVED
AUG 1 1982

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:

[Faint handwritten notes and signatures]

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

DISTRICT WELL INSPECTOR

12/01/2023

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

RECEIVED

AUG 14 1984

Oil or Gas Well
OIL & GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 105-1148

DEPT. OF MINES
PACKERS

Company H. D. Wells Oil + Gas
 Address Charleston, W. Va.
 Farm Mills etal
 Well No. Miller # 1
 District Burning Springs County West
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer
16			
13			Size of
10			
8 1/4			Depth set
6 3/8			
5 3/16			Perf. top
3			Perf. bottom
2			
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Fon Stone "Pusher"

Remarks: 8/9/84 Carl E. Smith rig moving on location and rigging up going to start drilling in afternoon of 8/10/84

8/9/84
DATE

Homer H. Drayton
120112023
DISTRICT WELL INSPECTOR

Form 26
2/16/82

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: _____

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

DATE _____

DISTRICT WELL INSPECTOR
12/01/2023

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

RECEIVED
AUG 21 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 105-1148

Oil or Gas Well _____
(KIND)

Company	Address	Farm	Well No.	District	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
															Size			Kind of Packer
<u>H. D. Wells Oil & Gas</u>	<u>Charleston, W. Va.</u>	<u>Mills etal</u>	<u>Mills #1</u>	<u>Burning Springs</u> County <u>Rosne</u>	<u>8/10/84</u>										<u>9 5/8</u>		<u>290</u>	

Drillers' Names Pusher Tom Stone

Remarks: Carl E. Smith Rig #6
8/11/84 Run 290 ft of 9 5/8" surface pipe and cemented with 100 sacks of Regalac 3 7/8 C.C. Plug down 2:45 P.M.
8/14/84 1800 ft deep drilling on fluid with 8 3/4" Bit Rig starting to make trip for Bad bit.
going to 2050 ft. for 7" casing point.

8/14/84
DATE

Homes H. Dougherty
DISTRICT WELL INSPECTOR

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:

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

DATE

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

RECEIVED
AUG 29 1984

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

Permit No. 105-1148

Oil or Gas Well _____
(KIND)

Company H. O. Wells Oil + Gas
 Address Charleston, W.Va.
 Farm Mills etal
 Well No. Mills #1
 District Burning Springs County West
 Drilling commenced 8/10/84
 Drilling completed 8/19/84 Total depth 4775
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer _____
16			
13			Size of _____
10			
8 1/4			Depth set _____
6 3/4			
5 3/16			
4 1/2		4762	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 4 1/2 SIZE 4762 No. FT. 8/19/84 Date
 NAME OF SERVICE COMPANY Dowell
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Pusher Tom Stone

Remarks: Carl E. Smith Rig # 6
8/19/84 F.O.D. of hole 4775 ft Ran 4762 ft of
4 1/2" pipe Cemented with 200 sacks of lightweight # 5
by Dowell Plug down 9:45 P.M.
8/21/84 Service Rig on Well + Youngs Wire line Service
running Cement Bond Log
8/21/84
 DATE _____
Homes H. Dougherty
 121012023
 DISTRICT WELL INSPECTOR

Form 26
2/16/82

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: _____

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

DISTRICT WELL INSPECTOR
12/01/2023

1.0 API well number: (If not available, leave blank. 14 digits.)	47-105-1148															
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA															
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	4,780 feet															
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<div style="float: right; border: 1px solid black; padding: 2px; font-weight: bold; font-size: 1.2em;">RECEIVED</div> <div style="float: right; text-align: right;">DEC 26 1984</div> <div style="clear: both;"></div> <p style="text-align: right; font-weight: bold; margin: 0;">OIL & GAS DIV. DEPT. OF MINES</p> <p>H. D. Wells Oil & Gas, Inc. Name P.O. Box 1785 Street Charleston, WV 25326 City State Zip Code</p>															
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<p>Burning Springs Run Field Name Wirt WV County State</p>															
(b) For OCS wells	<p>Area Name Block Number</p> <p>Date of Lease</p> <p style="text-align: center;">Mo. Day Yr</p> <p style="text-align: right;">OCS Lease Number</p>															
(c) Name and identification number of this well: (35 letters and digits maximum.)	Mills No. 1															
(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.)	<p>Roaring Fork Gas Corporation Name Buyer Code</p>															
(b) Date of the contract:	<p>0 8 2 0 8 4 Mo Day Yr</p>															
(c) Estimated annual production:	MMcft															
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;"></th> <th style="width:15%;">(a) Base Price (\$/MMBTU)</th> <th style="width:15%;">(b) Tax</th> <th style="width:15%;">(c) All Other Prices [Indicate (+) or (-)]</th> <th style="width:25%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">7.0 Contract price: (As of filing date. Complete to 3 decimal places.)</td> <td style="text-align: center;">2.9 0 0</td> <td style="text-align: center;">0.0 0 0</td> <td style="text-align: center;">0.2 0 0</td> <td style="text-align: center;">3.1 0 0</td> </tr> <tr> <td style="padding: 5px;">8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)</td> <td style="text-align: center;">2.6 8 6</td> <td style="text-align: center;">---</td> <td style="text-align: center;">---</td> <td style="text-align: center;">---</td> </tr> </tbody> </table>		(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-)]	(d) Total of (a), (b) and (c)	7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	2.9 0 0	0.0 0 0	0.2 0 0	3.1 0 0	8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.6 8 6	---	---	---
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-)]	(d) Total of (a), (b) and (c)												
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	2.9 0 0	0.0 0 0	0.2 0 0	3.1 0 0												
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.6 8 6	---	---	---												
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)																
9.0 Person responsible for this application:	<p>H. D. Wells, III President Name Title</p> <p><i>[Signature]</i> Signature</p> <p>10/27/84 (304) 346-2829 Date Application is Completed Phone Number</p>															

Agency Use Only
Date Received by Juris. Agency
DEC 26 1984
Date Received by FERC

12/01/2023

JAN 15 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: Nov. 27, 19 84

Applicant's Name: H. D. Wells Oil & Gas, Inc.

Address: P.O. Box 1785
Charleston, WV 25326

Gas Purchaser Contract No. RFE1-596

Date of Contract 08/20/84
(Month, day and year)

First Purchaser: Roaring Fork Gas Corporation

Address: 1400 Chas. Ntl. Plaza,
(Street or P.O. Box)
Charleston, WV 25301
(City) (State) (Zip Code)

FERC Seller Code N/A

AGENCY USE ONLY

WELL DETERMINATION FILE NUMBER

841226-103-105-1148

Use Above File Number on all
Communications Relating to This Well

Designated Agent: H. D. Wells, III

Address: P.O. Box 1785
Charleston, WV 25326

FERC Buyer Code _____

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

Name: H. D. Wells, III
(Print)

President
(Title)

Signature: _____

Address: P.O. Box 1785
(Street or P.O. Box)
Charleston, WV 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

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

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

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

AGENCY USE ONLY

QUALIFIED 12/01/2023

RECEIVED

DEC 26 1984

OIL & GAS DIV,
DEPT. OF MINES

Date Received

Determination Date

Date November 27, 1984

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

Operator's Well No. Mills No. 1
API Well No. 47 - 105 - 1148
State Country Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT H. D. Wells, III

ADDRESS P.O. Box 1785
Charleston, WV 25326

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

LOCATION: Elevation 1121.23

ADDRESS P.O. Box 1785
Charleston, WV 25326

Watershed Burning Springs Run

Dist. Burning Springs County Wirt Quad Burning Springs

GAS PURCHASER Roaring Fork Gas Corp.

Gas Purchase Contract No. RFE1-596

ADDRESS Charleston, WV

Meter Chart Code _____

Date of Contract 08/20/84

* * * * *

Date surface drilling was begun: 08/10/84

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

$$BHP = 460 + 460 \left[e^{\frac{4,780 \times .68}{53.34 \times (151 + 460)}} - 1 \right]$$

$$BHP = 460 + 460 [1.1048768 - 1]$$

$$BHP = 460 + 460 \left[e^{\frac{3250.4}{32,590.74}} - 1 \right]$$

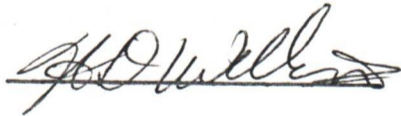
$$BHP = 460 + 48.24$$

$$BHP = \underline{\underline{508.24}}$$

$$BHP = 460 + 460 [e^{.0997339} - 1]$$

AFFIDAVIT

I, H. D. Wells, III, 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.



STATE OF WEST VIRGINIA,

COUNTY OF Kanawha, TO WIT:

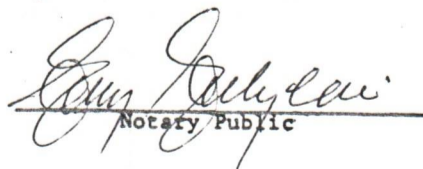
I, Gary Galylew, a Notary Public in and for the state and county aforesaid, do certify that H. D. Wells, III, whose name is signed to the writing above, bearing date

the 27 day of November, 1984, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 27 day of November, 1984.

My term of office expires on the 22 day of September, 1991.

[NOTARIAL SEAL]



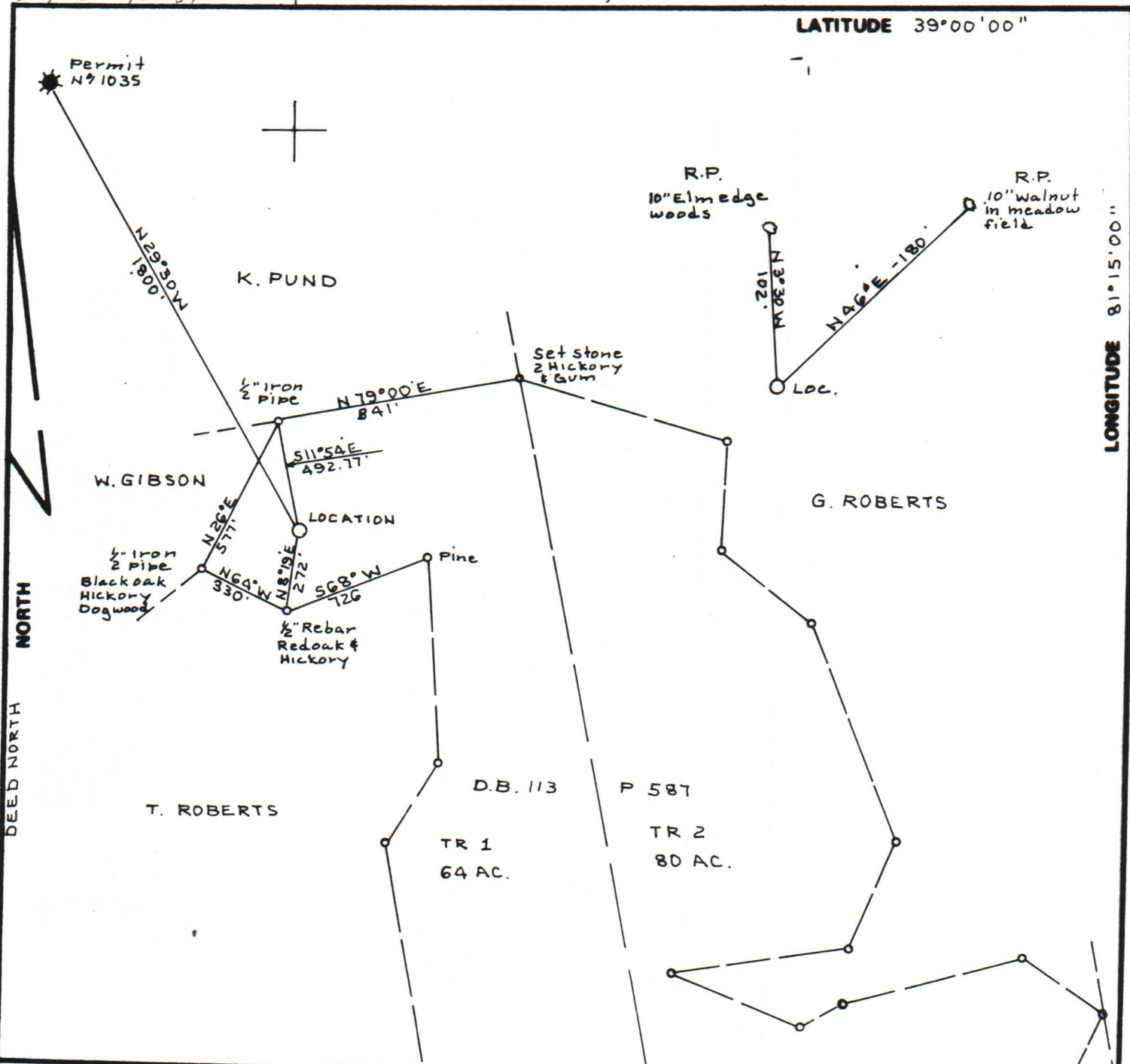
12/01/2023

77N 7/31/84

11,650

LATITUDE 39°00'00"

LONGITUDE 81°15'00"



FILE NO. BK 87 P 1
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200'
 PROVEN SOURCE OF ELEVATION USGS BM RUBLE
Knob Church E.L. 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) C. S. Volley Jr.
 R.P.E. _____ L.L.S. 92

PLACE SEAL HERE

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



DATE JULY 26, 19 84
 OPERATOR'S WELL NO. MILLS N° 1
 API WELL NO. _____
47 - 105 - 1148
 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 1121.23 WATER SHED BURNING SPRINGS RUN
 DISTRICT BURNING SPRINGS COUNTY WIRT
 QUADRANGLE BURNING SPRINGS
 SURFACE OWNER FRED KIRBY ACREAGE 144
 OIL & GAS ROYALTY OWNER MILLS, ETAL LEASE ACREAGE 144
 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 DEVONIAN SHALE ESTIMATED DEPTH 4700'
 WELL OPERATOR H.D. WELLS INC. DESIGNATED AGENT HD WELLS
 ADDRESS P.O. BOX 1785 ADDRESS P.O. BOX 1785
CHARLESTON WVA, 25326 CHARLESTON WV 25326

12/01/2023