

**RECEIVED**  
JAN 21 1986



1) Date: January 20, 1986  
2) Operator's Well No. 2, Serial No. 108671  
3) API Well No. 47 - 019 - 0580  
State County Permit

**DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY**

**STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, 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: 1316' / Watershed: Laurel Creek of New River  
District: New Haven / County: Fayette / Quadrangle: Beckwith 235
- 6) WELL OPERATOR Ashland Exploration CODE: 2750 7) DESIGNATED AGENT Forrest Burkett  
Address P.O. Box 391 / Address P.O. Box 379  
Ashland, KY 41114 / Brenton, WV 24818
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Rodney G. Dillon 9) DRILLING CONTRACTOR: Name Interstate Drilling Co.  
Address P.O. Box 30 / Address P.O. Box V  
Scarbro, WV 25917 / Corbin, KY 40701
- 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, Weir
- 12) Estimated depth of completed well, 2301' feet
- 13) Approximate trata depths: Fresh, 425' KB feet; salt, 456' KB feet.
- 14) Approximate coal seam depths: Unknown 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	16	H-40	65	X		30	30	CTS	Kinds
Fresh water									
Coal	8 5/8	H-40	24	X		500	500	CTS <u>By Rule</u>	<u>Size E 15.05</u>
Intermediate									
Production	4 1/2	K-55	10.5	X		2301	2301	<del>As Needed</del>	Depths set
Tubing								<u>180 SKS. OR AS REQUIRED</u>	
Lin.									Perforations: <u>By Rule 15.0</u>
									Top Bottom

**OFFICE USE ONLY  
DRILLING PERMIT**

Permit number 47-019-0580

January 29 19 86

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 January 29, 1988 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>RB</u>	Plat: <u>AS</u>	Casing: <u>AS</u>	Fee: <u>506789</u>	WPCP: <u>MS</u>	S&E: <u>MS</u>	Other: _____
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NOTE: Keep one copy of this permit posted at the drilling location.

[Signature]  
Director, Division of Oil and Gas

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

11/10/2023 File

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JAN 21 1988  
DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

OFFICE USE ONLY

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

1) WELL TYPE: A - Oil  Gas  Other

2) LOCATION: Well No. 1316, Section 13, T13N, R13E, S13W, Adams Co., Ky.

3) WELL OPERATOR: Ashford Exploration, P.O. Box 391, Ashford, Ky 40116

4) WELL & GAS INSPECTOR TO BE NOTIFIED: Rodney G. Dillon, P.O. Box 30, Scarbro, Wv 25917

5) DRILLING CONTRACTOR: Interstate Drilling Co., P.O. Box V, Gordian, Ky 40701

6) PROPOSED WELL WORK: Drill  Plug old  Patch old  Re-drill  Re-work  Other physical changes to well (specify):

7) LITHOLOGICAL TARGET FORMATION: Water

8) ESTIMATED DEPTH OF COMPLETED WELL: 2301'

9) APPROXIMATE DEPTH TO BE DRILLED: 2351'

10) APPLICATION TYPE: New  Renewal  Extension  Other (specify):

11) CASING AND BURNING PROGRAM: Unknown

PLUGGING TYPE	DATE	DEPTH (feet)	APPROXIMATE DEPTH TO BE DRILLED (feet)	REMARKS
Production	10/14/80	65	30	
Flow water	8/28/80	40	200	

OFFICE USE ONLY

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

	Date	Date(s)
Application received		Follow-up inspection(s)
Well work started		" "
Completion of the drilling process		" "
Well Record received		" "
Reclamation completed		" "
OTHER INSPECTIONS		

Reason: \_\_\_\_\_

Reason: \_\_\_\_\_

1) Date: January 20, 1986  
Operator's R. H. Hess et al  
2) Well No. 2, Serial No. 108671  
3) API Well No. 47 - 019 - 0580  
State County Permit

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

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

(i) Name Alan F. Hess  
Address Route 2, Box 245A  
Fayetteville, WV 25840  
(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 WW-2(B) 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 WW-6, and
- (3) The Construction and Reclamation Plan on Form WW-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 WW-2(B) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22B 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 Director of the Division of Oil and Gas, with respect to a well at the location described on attached Application and depicted on attached Form WW-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 Director of the Division of Oil and Gas.

6) EXTRACTION RIGHTS

Check and provide one of the following: LEASE WITH 047-019-0551  
 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 22B-1-8(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 WW-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

John H. Burtnett,  
this 20th day of January, 1986,  
My commission expires Nov. 23, 1986.  
Vicki W. Donta  
Notary Public, State-at-Large County,  
State of Kentucky

WELL OPERATOR Ashland Exploration, Inc.

By John H. Burtnett  
Its Regional Civil Engineer  
Address P.O. Box 391  
Ashland, KY 41114  
Telephone 606/329-5258

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

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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 Division 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 §22B-1-9(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 §22B-1-36.
- 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 §22B-1-6 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 §22B-1-2C and the reclamation required by Code §22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code §22B-1-2(c) and 22B-1-29, and (v) if applicable, the consent required by Code §22B-1-21 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 § § 22B-1-9, 22-B-1-13 and 22B-1-14.

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INFORMATION SUPPLIED UNDER CODE §22B-1-8(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>
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11/10/2023

RECEIVED  
JAN 21 1986



WV-9

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY  
State of West Virginia  
Department of ENERGY  
Oil and Gas Division

DATE January 10, 1986  
WELL NO. R. H. Hess et al No. 2  
API NO. 047-019-0580  
Serial # 108671

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Ashland Exploration, Inc. DESIGNATED AGENT Forrest Burkett  
Address Box 391, Ashland, Ky. 41114 Address Box 379, Brenton, WV 24818  
Telephone (606) 329-5258 Telephone (304) 732-6677  
LANDOWNER Aian F. Hess SOIL CONS. DISTRICT Southern  
Revegetation to be carried out by Ashland Exploration, Inc. (Agent)  
This plan has been reviewed by Southern SCD. All corrections  
and additions become a part of this plan: 1-15-86 (Date)  
Gary W. Boscham (SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Culverts-Steel-15"</u> (A)	Structure <u>Diversion ditch</u> (1)
Spacing <u>As shown</u>	Material <u>Earth</u>
Page Ref. Manual <u>2-7 &amp; 2-8</u>	Page Ref. Manual <u>2-12</u>
Structure <u>Headwalls-Rock rip-rap</u> (B)	Structure <u>Drilling pit</u> (2)
Spacing <u>N/A</u>	Material <u>Earth-lined &amp; treated</u>
Page Ref. Manual <u>2-7D, 7 &amp; 8, 2-10, 2-11</u>	Page Ref. Manual <u>N/A</u>
Structure <u>Drainage ditch</u> (C)	* Structure <u>Sediment barrier</u> (3)
Spacing <u>N/A</u>	Material <u>Straw bales or brush</u>
Page Ref. Manual <u>2-12</u>	Page Ref. Manual <u>2-16</u>

\* Also on Access road.  
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 - Access Road	Treatment Area II - Location
Lime <u>3</u> Tons/acre or correct to pH <u>6.5</u>	Lime <u>3</u> Tons/acre or correct to pH <u>6.5</u>
Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>Straw</u> <u>2</u> Tons/acre	Mulch <u>Straw</u> <u>2</u> Tons/acre
Seed* <u>Ky. 31 Tall Fescue</u> <u>20</u> lbs/acre	Seed* <u>Ky. 31 Tall Fescue</u> <u>20</u> lbs/acre
<u>Creeping Red Fescue</u> <u>20</u> lbs/acre	<u>Creeping Red Fescue</u> <u>20</u> lbs/acre
<u>Red Top</u> <u>5</u> lbs/acre	<u>Red Top</u> <u>2</u> lbs/acre

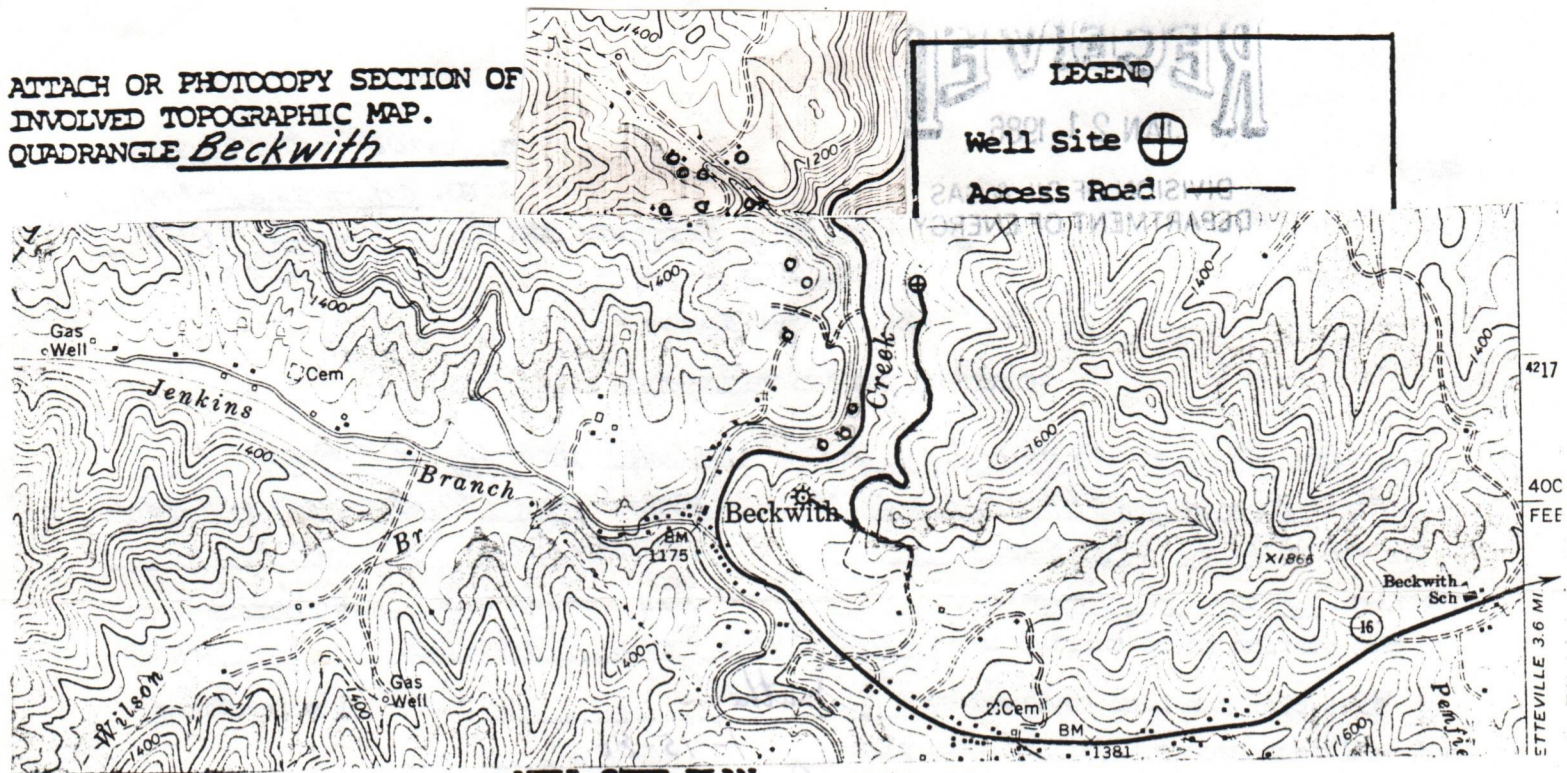
\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY John H. Burtnett 11/10/2023

ADDRESS Box 391  
Ashland, Ky. 41114  
PHONE NO. (606) 329-5258

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

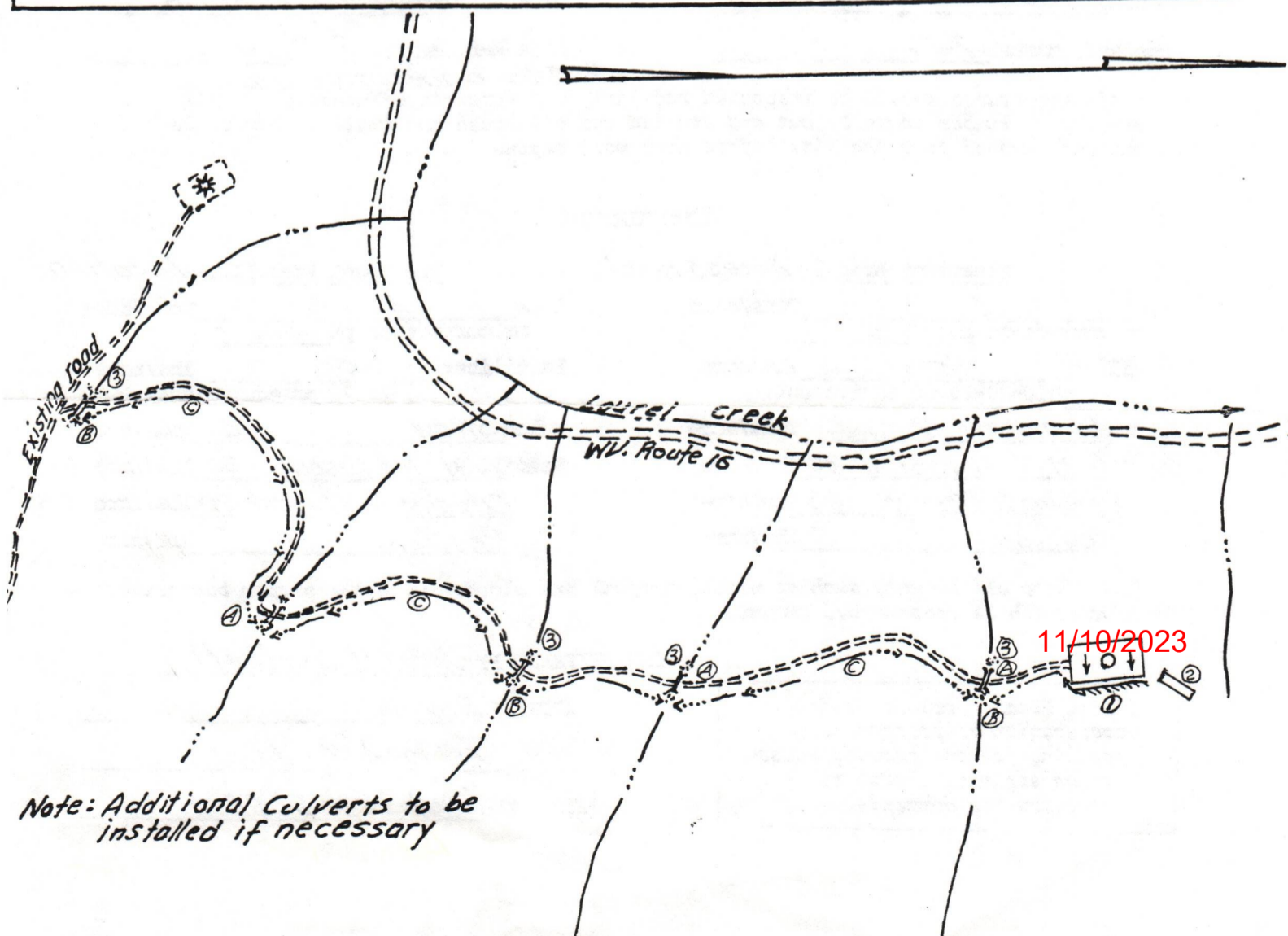
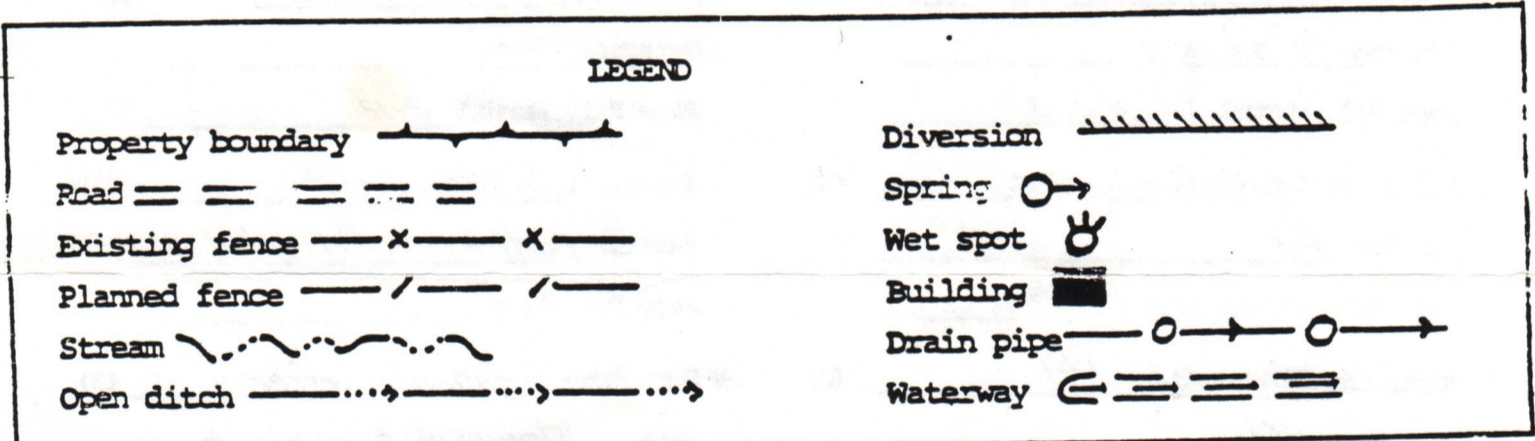
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Beckwith



WELL SITE PLAN

o Water Well  
o Spring

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.





1) Date: January 20, 1986  
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 3) API Well No. 47 - 019  
 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

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

**APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas X /  
 B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 1316' Watershed: Laurel Creek of New River  
 District: New Haven County: Fayette Quadrangle: Beckwith
- 6) WELL OPERATOR Ashland Exploration CODE 2750 7) DESIGNATED AGENT Forrest Burkett  
 Address P.O. Box 391 Address P.O. Box 379  
Ashland, KY 41114 Brenton, WV 24818
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Rodney G. Dillon Name Interstate Drilling Co.  
 Address P.O. Box 30 Address P.O. Box V  
Scarbro, WV 25917 Corbin, KY 40701
- 10) PROPOSED WELL WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate X /  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_ /  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Weir
- 12) Estimated depth of completed well, 2301' feet
- 13) Approximate trata depths: Fresh, 425' KB feet; salt, 456' KB feet.
- 14) Approximate coal seam depths: Unknown Is coal being mined in the area? Yes \_\_\_\_\_ / No X /

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		
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Fresh water									
Coal	8 5/8	H-40	24	X		500	500	CTS By Rule	Size 15.05
Intermediate									
Production	4 1/2	K-55	10.5	X		2301	2301	As Needed	Depths set
Tubing								180 SCS, OR AS REQUIRED	By RULE 15.01
Liners									Perforations
									Top Bottom

**INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE**

The named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code 22B-1-15,16, or 17 must be filed with the Department of Energy within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22B-1-36 if the permit is to be issued within fifteen (15) days of the filing of the Application.

**WAIVER**

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19\_\_\_\_ By: [Signature]  
 Its: \_\_\_\_\_ 11/10/2023



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 3) API Well No. 47 - 019  
 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

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 DEPARTMENT OF ENERGY, OIL AND GAS DIVISION  
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Coal	8 5/8	H-40	24	X		500	500	CTS	Sizes	
Intermediate										
Production	4 1/2	K-55	10.5	X		2301	2301	As Needed	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, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form WW-2(A), (2) an Application for a Well Work Permit on Form WW-2(B), (3) a survey plat on Form WW-6, and (4) a Construction and Reclamation Plan on Form WW-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: \_\_\_\_\_

Alan G. Hess  
 (Signature)

By \_\_\_\_\_

Date 1-27-86

Its \_\_\_\_\_ Date \_\_\_\_\_

Susan M. Hess  
 (Signature)

11/10/2023

Date 1-27-86



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 22B, Article 1 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 Director of the Division of Oil and Gas in the West Virginia Department of Energy immediately.

NOTE : YOU ARE NOT REQUIRED TO FILE ANY COMMENT AT ALL.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION :

Director, Division of Oil and Gas  
West Virginia Department of Energy  
1615 Washington Street, East  
Charleston, West Virginia 25311-2192  
(304) - 348 - 3500

Who may file comments? If you wish to file comments, you must be an owner of record of (1) and 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 over 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 Director'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 Director's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Director 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 Director.

List of Water Testing Laboratories. The Director 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 Director's office or an Oil and Gas Inspector to obtain a copy of the list.





**Ashland Exploration, Inc.**  
SUBSIDIARY OF ASHLAND OIL, INC.

P. O. BOX 391 • ASHLAND, KENTUCKY 41101 • (606) 329-3333

**RECEIVED**  
JAN 21 1986

**DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY**

**EASTERN REGION**

January 20, 1986

Department of Energy  
Office of Oil and Gas  
307 Jefferson Street  
Charleston, West Virginia 25311

Gentlemen:

Enclosed are your Forms WW-2(A) and WW-2(B), tracing of our location plat, approved copy of the Reclamation Plan (Form WW-9), and a check in the amount of Four Hundred Dollars (\$400.00) for a permit to drill Well No. 2, Serial No. 108671 on our R. H. Hess et al lease. The well location is situated on the waters of Laurel Creek of New River in the New Haven District, Fayette County.

Also included is the Site Registration Form for the Oil and Gas Drilling Pit Waste Discharge permit. Fifty Dollars of the above Four Hundred will be used for this registration fee.

Previously submitted to your office with our application for Well No. 1 were copies of the original leases under which we propose to operate this property.

019-0551

In order to expedite the issuance of a drilling permit, we are asking the surface owner, Alan Hess, to sign the waiver and forward it to your office.

If this information is sufficient, will you please issue the desired permit. I would appreciate any correspondence on this matter be sent to the attention of the undersigned.

Very truly yours,

ASHLAND EXPLORATION, INC.

*John H. Burtnett*  
John H. Burtnett  
Regional Civil Engineer

vwd  
Enclosures

cc: Alan F. Hess  
Route 2, Box 245A  
Fayetteville, WV 25840

James F.B. Peyton, Trustee  
Village at Sunrise  
Melbourne, FL 32935

Angus E. Peyton  
Box 226  
Charleston, WV 25321

11/10/2023

RECEIVED  
JAN 31 1986

DEPARTMENT OF ENERGY  
DIVISION OF OFFICIALS

WR-35

RECEIVED  
DEPARTMENT OF ENERGY  
OIL AND GAS



State of West Virginia

DEPARTMENT OF ENERGY  
Oil and Gas Division

Date April 9, 1986

Operator's

Well No. 2

Farm R. H. Hess

API No. 47 - 019 - 0580

APR 14 1986

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

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

LOCATION: Elevation: 1316' Watershed Laurel Creek of New River  
District: New Haven County Fayette Quadrangle Beckwith

COMPANY Ashland Exploration, Inc.

ADDRESS P. O. Box 391, Ashland, KY 41114

DESIGNATED AGENT Forrest Burkett

ADDRESS P. O. Box 379, Brenton, WV 24818

SURFACE OWNER Alan F. Hess

ADDRESS Rt. 2, Box 245-A, Fayetteville, WV

MINERAL RIGHTS OWNER Alan F. Hess

ADDRESS Rt. 2, Box 245-A, Fayetteville, WV

OIL AND GAS INSPECTOR FOR THIS WORK Rodney

Dillon ADDRESS Box 30, Scarbro, WV

PERMIT ISSUED Jan. 29, 1986

DRILLING COMMENCED Feb. 27, 1986

DRILLING COMPLETED March 7, 1986

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.	28	28	5 sks
13-10"			
9 5/8			
8 5/8			
7	515	515	235 sks
5 1/2			
4 1/2	2298	2298	130 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Weir Depth 2301 feet

Depth of completed well 2350 feet Rotary X / Cable Tools

Water strata depth: Fresh 243 feet; Salt 863 feet

Coal seam depths: None noted Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation U. Weir, Injun & Big Lime Pay zone depth 1953-2012 feet

Gas: Initial open flow 103 Mcf/d Oil: Initial open flow Bbl/d

Final open flow 1575 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests 3 hours

Static rock pressure 530 psig (surface measurement) after 108 hours shut in

(If applicable due to multiple completion--)

11/10/2023

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

(Continue on reverse side)

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

Perf U. Weir 15H/2124-2152 & Injun 15H/2060-2080 - 75 Q foam frac using 80,000# 20/40 sand, 442,000 SCF N<sub>2</sub> @ 10,000 SCF/min. BD @ 1950#, ATP 2000# @ 30 B/M. ISIP 1400#, 15 min 1250#, TF 411 bbl.

Perf Big Lime 5H/2008-2012 & 15H/1953-1964 - Acidize w/3000 gal 15% HCl. BD @ 970#, ATP 620# @ 5 B/M, MTP 1050#, ISIP 290#, 15 min 240#.

**WELL LOG**

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			0	543	
Lower Salt Sand			543	939	
Shale			939	1163	
Upper Maxton			1163	1229	
Shale			1229	1643	
Little Lime			1643	1698	
Pencil Cave			1698	1746	
Big Lime			1746	2025	
Shale			2025	2038	
Injun			2038	2087	
Shale			2087	2107	
Upper Weir			2107	2192	
Shale			2192	2201	
Lower Weir			2201	2225	
Shale			2225	TD	
DTD 2350'					
LTD 2336'					

(Attach separate sheets as necessary)

ASHLAND EXPLORATION, INC.

Well Operator

By: *Alfred J. Davis*

11/10/2023

Date: April 9, 1986

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 fossils, encountered in the drilling of a well."

✓ 1R-26  
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

1-29-86

WELL TYPE GAS  
ELEVATION 1316  
DISTRICT New Haven  
QUADRANGLE Beckwith  
COUNTY Fayette

API# 47- 019 -0580  
OPERATOR Ashland Explor.  
TELEPHONE \_\_\_\_\_  
FARM Hess  
WELL # Hess 2

SURFACE OWNER Hess, Alan  
TARGET FORMATION Weir  
DATE STARTED \_\_\_\_\_  
LOCATION 2-3-86

COMMENTS \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
DATE APPLICATION RECEIVED 2-1-86

NOTIFIED yes DRILLING COMMENCED 2-26-86

WATER DEPTHS 267, 322, Small Amount  
COAL DEPTHS 267, 270, 275-, 280

CASING

Ran 506 feet of 2" "pipe on 2-78 with CMT fill up  
Ran 2297 feet of 4 1/2 "pipe on 3-7 with Cmt. To 7' fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up

DEPARTMENT OF ENERGY  
OIL AND GAS

TD 2350' feet on 3-7-86

PLUGGING

JUN 2 1986

Type	From	To	Pipe Removed

Pit Discharge date: \_\_\_\_\_ Type \_\_\_\_\_

Field analysis ph \_\_\_\_\_ fe \_\_\_\_\_ cl \_\_\_\_\_

Well Record received \_\_\_\_\_

Date Released 3/30/86

R. D. Deller  
Inspector's signature

11/10/2023

API# 47 019-0580

LIST ALL VISITS FOR THIS PERMIT

CHM Rig #2

	DATE	TIME	PURPOSE	COMMENTS
1	2-4		Building	
2				
3	2-26		Rig up	
4				
5	2-28		Run 7"	
6				
7	3-12		Hole drilled rig moved	
8				
9	3-23		Service rig on Hole	
10				
11	4-18		Location Reclaimed & Seeded	
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

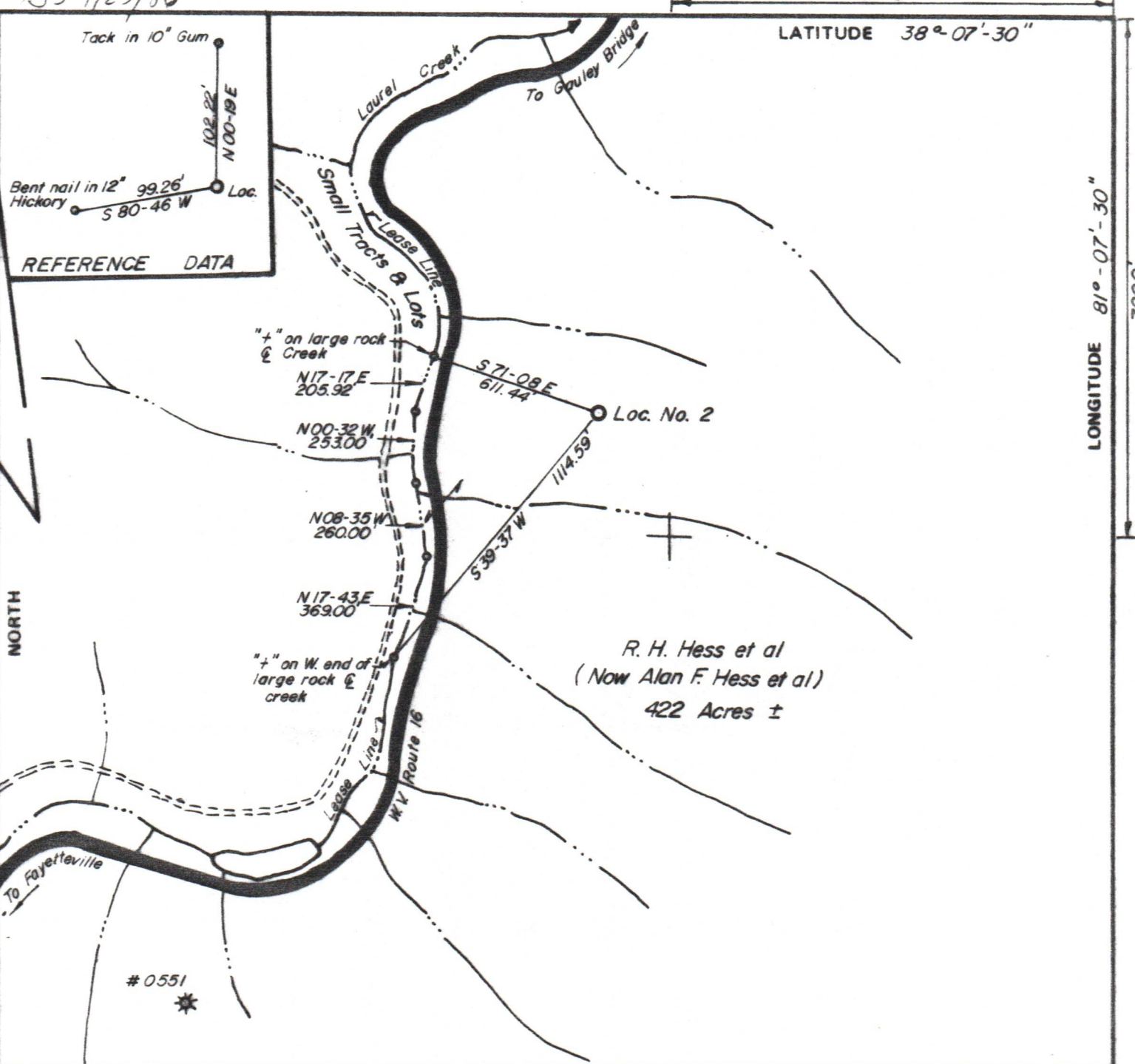
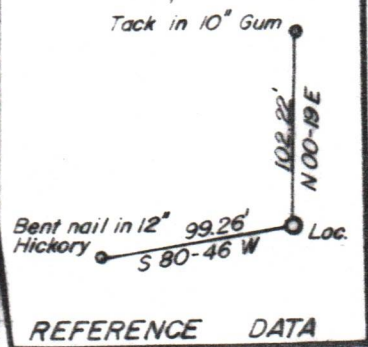


JS 1/23/86

6170'

LATITUDE 38°-07'-30"

LONGITUDE 81°-07'-30"



FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 500'  
MINIMUM DEGREE OF ACCURACY 1 in 15,900  
PROVEN SOURCE OF ELEVATION U.S.G.S. B.M. on culvert headwall at Beckwith

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) John S. Burnett  
R.P.E. 1442 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

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



DATE January 20, 19 86  
OPERATOR'S WELL NO. 2 Ser. # 108671  
API WELL NO. 47 - 019 - 0580  
STATE COUNTY PERMIT.

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS," ) PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
LOCATION: ELEVATION 1316 WATER SHED Laurel Creek of New River  
DISTRICT New Haven COUNTY Fayette  
QUADRANGLE Beckwith  
SURFACE OWNER Alan F. Hess ACREAGE 510  
OIL & GAS ROYALTY OWNER Alan F. Hess et al LEASE ACREAGE 422  
LEASE NO. 65603-01 65603-02  
PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
TARGET FORMATION Weir ESTIMATED DEPTH 2301  
WELL OPERATOR Ashland Exploration, Inc. DESIGNATED AGENT Forrest Burkett  
ADDRESS P.O. Box 391 Ashland, Ky. 41101 ADDRESS P.O. Box 379, Branton, W.V. 24818

11/10/2023