



1) Date: September 11, 19 84
 2) Operator's H. T. Smarr
 Well No. #2, Serial No. 097081
 3) API Well No. 47 - 019 - 0513 - FRAC
 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: 1545.1' Watershed: Paint Creek of Kanawha River K65
 District: Valley County: Fayette Quadrangle: Pax
 6) WELL OPERATOR Ashland Exploration, Inc. 7) DESIGNATED AGENT Forrest Burkett
 Address P. O. Box 391 Address Box 156
Ashland, KY 41114 Brenton, WV 24818
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Rodney G. Dillon Name Tri-State Well Service
 Address Box 30, Scarbro, WV 25917 Address Box 299, 1 Berea Plaza
304/469-2015 Bridgeport, WV 26330
 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, Maxton
 12) Estimated depth of completed well, ~~2900~~ 2900 feet
 13) Approximate trata depths: Fresh, 192' feet; salt, Sand @ 362' feet.
 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____

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 SEP 13 1984

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		29	29	15 sks.	Kinds <u>Formation</u> <u>EXISTING-SEE</u>
Fresh water	9 5/8	H-40	32	X		489 <u>489</u>	495 <u>495</u>	130 sks.	
Coal									
Intermediate	7	K-55	23	X		197 <u>197</u>	197 <u>197</u>	410 sks.	Depths set <u>2900</u>
Production	<u>4 1/2</u>					<u>2900</u>	1125 <u>1125</u>	<u>80 SKS.</u>	
Tubing									
Liners									Perforations: _____
	<u>Set 100' Cement Plug</u>						<u>4440</u>	<u>to 4340'</u>	Top Bottom

OIL & GAS DIVISION / DEPT. OF MINES

[Signature] 10-23-84

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-019-0513-FRAC

October 11, 19 84
 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 October 11, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>10</u> BLANKET	Agent: <u>[Signature]</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>506-173</u>
-----------------------------------	---------------------------	-----------------	-------------------	---------------------

[Signature]
 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

Permit modified for plugging off old formation (Devonian shale) which was shot from 4457' to 5695'. Set cement plug from 4440'-4340'. Run 4 1/2" casing to 2900' on a formation packer and cement with 80 sks. Back off 4 1/2" casing at 1775' and leave 1125' in hole.

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SEP 13 1984

10-23-84

DEPT. OF MINES
OIL & GAS DIVISION

Well No.	Depth	Formation	Remarks
2900	4440'	Devonian shale	Shot
2900	4340'	Devonian shale	Shot
2900	4440'	Devonian shale	Set cement plug
2900	2900'	Devonian shale	Run casing
2900	1775'	Devonian shale	Back off casing
2900	1125'	Devonian shale	Leave in hole

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		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____
Reason: _____

Agent	Plan	Casing	Log
-------	------	--------	-----

1) Date: September 11, 1984
2) Operator's Serial No. 097081
Well No. H. T. Smarr No. 2
3) API Well No. 47 - 019 - 0513
State County Permit Free

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 Glenn Wriston
Address 121 Second Avenue
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 Ford Coal Company
Address Box 175
Hansford, WV 25103
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.

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SEP 13 1984

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.

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
John H. Burtnett
this 11 day of September, 1984.
My commission expires Nov. 23, 1986.
Vicki W. South
Notary Public, State-at-Large County,
State of Kentucky

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

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:

Grantor, lessor, etc. Grantee, lessee, etc. Royalty Book Page





IV-9
Revised 11-81

DATE Jan 31, 1983
WELL NO. H.T. Smarretal #2, Ser # 097081
API NO. 047-019-0513-Frac.

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Ashland Exploration Inc
Address PO Box 391 Ashland Ky 41114
Telephone 606-329-3682

DESIGNATED AGENT Forrest Burkett
Address PO Box 156 Brenton WV 24818
Telephone 304-732-6677

LANDOWNER Glenn Urston

SOIL COSS. DISTRICT Southern

Revegetation to be carried out by Ashland Exploration Inc (Agent)

This plan has been reviewed by Southern SO. All corrections
and additions become a part of this plan: 2-4-83
(Date)

Gary W. Boschain
(SOI Agent)

RECEIVED

SEP 13 1984

OIL & GAS DIVISION

DEPT. OF MINES

ACCESS ROAD

Structure Culvert (A)

Spacing Steel 15"

Page Ref. Manual 2-7 & 2-8

Structure Headwalls, Rock Rip Rap (B)

Spacing N/A

Page Ref. Manual 2-7D, 7EE, 2-K, 2-11

Structure Drainage Ditch (C)

Spacing N/A

Page Ref. Manual 2-12

LOCITIES

Structure Diversion Ditch (1)

Material Earth

Page Ref. Manual 2-12

Structure Drilling Pit (2)

Material Earth lined & treated if necessary

Page Ref. Manual N/A

Structure Sediment Barriers (3)

Material Straw bales or brush from site

Page Ref. Manual 2-16

All structures should be inspected regularly and repaired if necessary. All
corroval 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 Rd)

Lime 3 Tons/acre
or correct to pH 6.5

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

Mulch Straw 2 Tons/acre

Seed* Ky 31 Tall Fescue 20 lbs/acre

Creeping Red Fescue 20 lbs/acre

Redtop 5 lbs/acre

Treatment Area II (Location)

Lime 3 Tons/acre
or correct to pH 6.5

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

Mulch Straw 2 Tons/acre

Seed* Ky 31 Tall Fescue 20 lbs/acre

Creeping Red Fescue 20 lbs/acre

Redtop 5 lbs/acre

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

PLAN PREPARED BY Stephen Parks

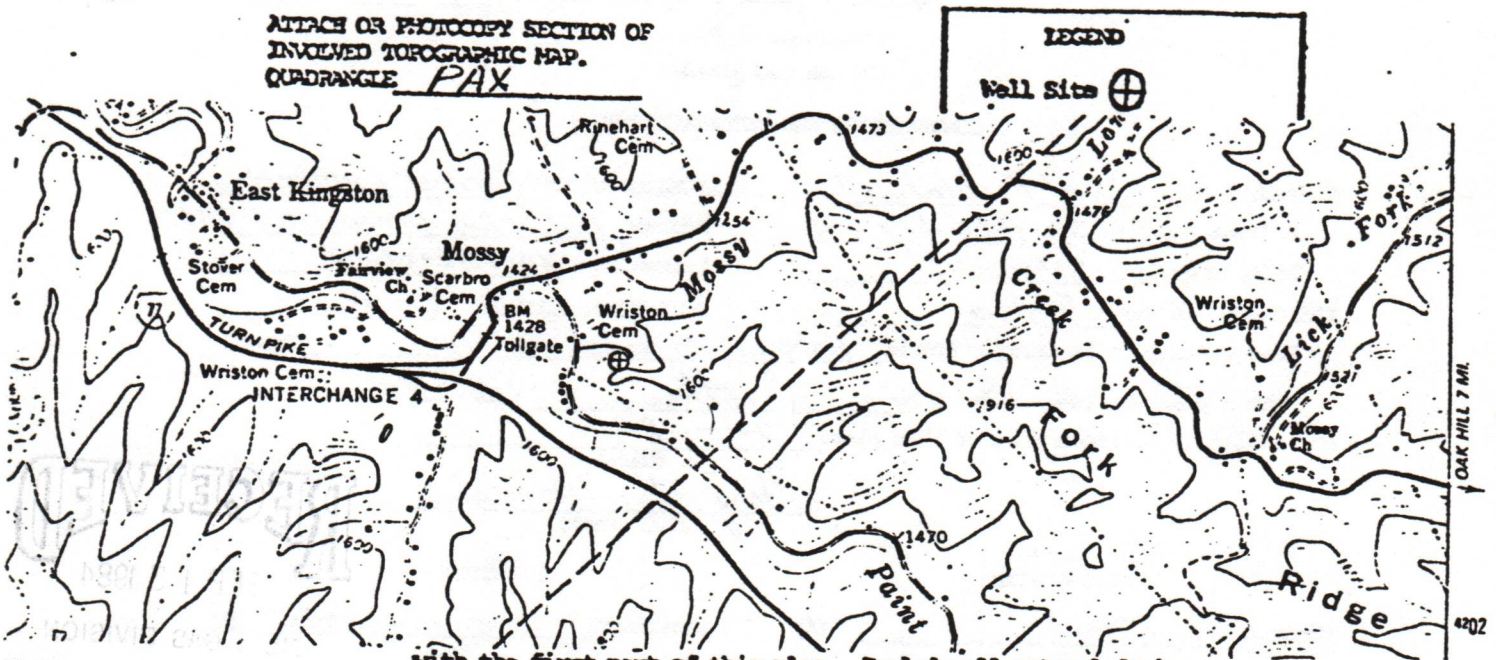
ADDRESS PO Box 391
Ashland Ky 41114

PHONE NO. 606-329-3682

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

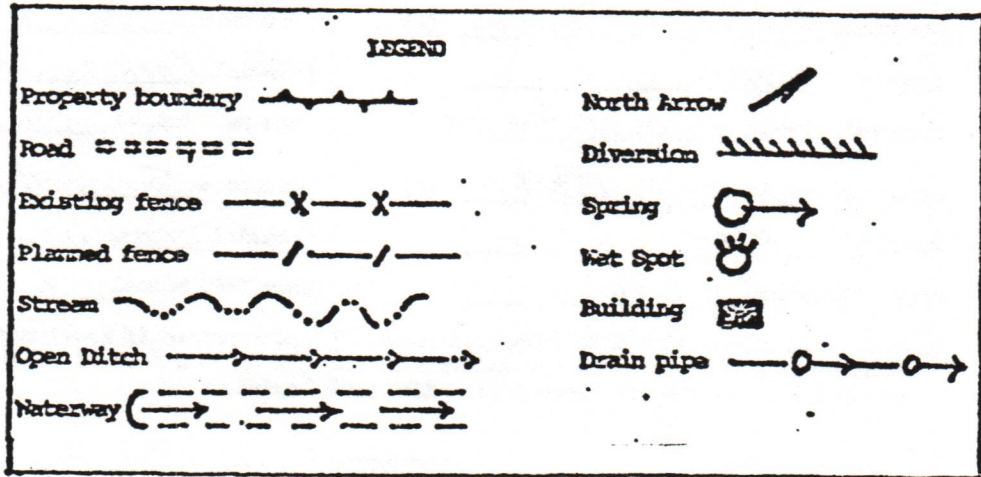
IV-9 REVERSE
 Revised 11-81

ATTACH OR PHOTOCOPY SECTION OF
 INVOLVED TOPOGRAPHIC MAP.
 QUADRANGLE PAX



with the first part of this plan. Include all natural drainage.

• Land Use: Pasture ___ Hayland ___ Cropland ___ Woodland

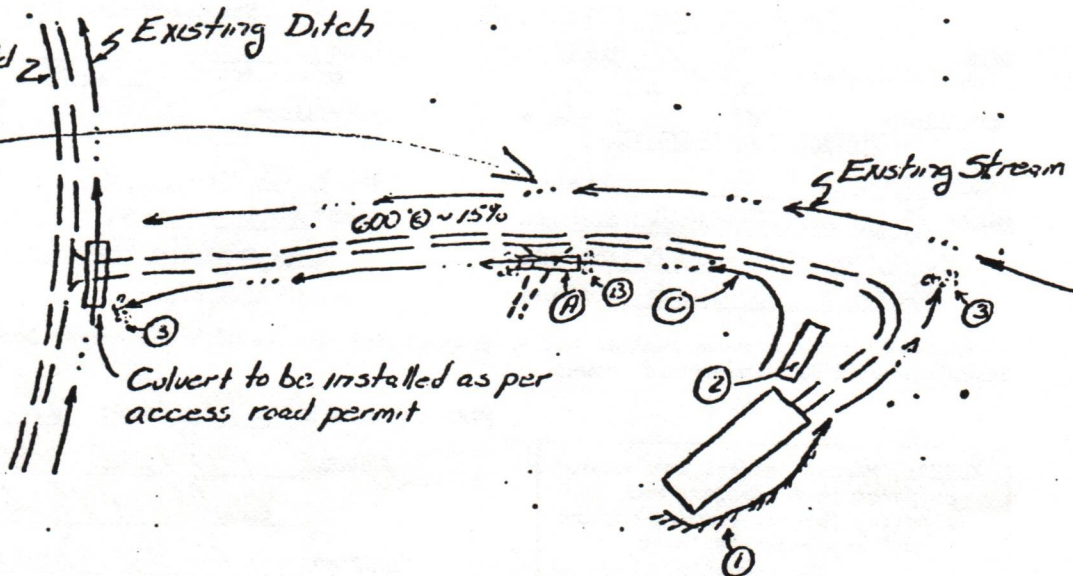


Paint Creek Rd 2' Existing Ditch

Existing Stream

Note: Crossdrains are to be installed every 60 feet for a 15% roadgrade

Culvert to be installed as per access road permit



PS Form 3811, Dec. 1983

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

H. T. Smarr #2 (rework permit)

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

(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.)

TOTAL \$

3. ARTICLE ADDRESSED TO:
Lee Bird, Land Agent & Chief Geologist, Ford Coal Company
Box 175
Hansford, WV 25103

4. TYPE OF SERVICE:	ARTICLE NUMBER
<input type="checkbox"/> REGISTERED <input type="checkbox"/> INSURED	AD-9485
<input checked="" type="checkbox"/> CERTIFIED <input type="checkbox"/> COD	
<input type="checkbox"/> EXPRESS MAIL	

(Always obtain signature of addressee or agent)

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

DATE OF DELIVERY
9-13-84

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:



PS Form 3811, Dec. 1983

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

H. T. Smarr #2 (rework permit)

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

(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.)

TOTAL \$

3. ARTICLE ADDRESSED TO:
Glenn Wriston
121 Second Avenue
Fayetteville, WV 25840

4. TYPE OF SERVICE:	ARTICLE NUMBER
<input type="checkbox"/> REGISTERED <input type="checkbox"/> INSURED	AD-9486
<input checked="" type="checkbox"/> CERTIFIED <input type="checkbox"/> COD	
<input type="checkbox"/> EXPRESS MAIL	

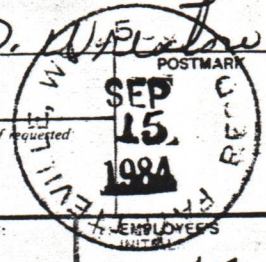
(Always obtain signature of addressee or agent)

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

DATE OF DELIVERY
9/14/84

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:



RECEIVED

SEP 13 1984

OIL & GAS DIVISION
DEPT. OF MINES

RECEIVED
 DEC 30 1985
 DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

WMP H. T. Smarr et al No. 2

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.)

TOTAL \$ _____

3. **ARTICLE ADDRESSED TO:** Ford Coal Company
 Box 175
 Hansford, WV 25103

4. TYPE OF SERVICE: <input type="checkbox"/> REGISTERED <input type="checkbox"/> INSURED <input checked="" type="checkbox"/> CERTIFIED <input type="checkbox"/> COD <input type="checkbox"/> EXPRESS MAIL	ARTICLE NUMBER AO-12,388
---	--

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE: Addressee Authorized agent
[Signature]

5. **DATE OF DELIVERY**
 12-12-85

POSTMARK
 (may be on reverse side)
 HANSFORD WV 25103
 DEC 12 1985
 USPS

6. **ADDRESSEE'S ADDRESS** (Only if requested)

7. UNABLE TO DELIVER BECAUSE:	7a. EMPLOYEE'S INITIALS <i>[Initials]</i>
--------------------------------------	---

★ GPC: 1982-379-603

RETURN RECEIPT

WMP - H. T. Smarr et al No. 2

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.)

TOTAL \$ _____

3. **ARTICLE ADDRESSED TO:** Glenn Wriston
 121 Second Avenue
 Fayetteville, WV 25840

4. TYPE OF SERVICE: <input type="checkbox"/> REGISTERED <input type="checkbox"/> INSURED <input checked="" type="checkbox"/> CERTIFIED <input type="checkbox"/> COD <input type="checkbox"/> EXPRESS MAIL	ARTICLE NUMBER AO-12,389
---	--

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE: Addressee Authorized agent
[Signature]

5. **DATE OF DELIVERY**
 12/13/85

POSTMARK
 (may be on reverse side)

6. **ADDRESSEE'S ADDRESS** (Only if requested)

7. UNABLE TO DELIVER BECAUSE:	7a. EMPLOYEE'S INITIALS <i>[Initials]</i>
--------------------------------------	---

★ GPC: 1982-379-603

RETURN RECEIPT



IV-35
(Rev 8-81)

RECEIVED
DEC 13 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia
Department of Mines
Oil and Gas Division

Date 4/8/83
Operator's
Well No. 2
Farm H. T. Smarr
API No. 47 - 019 - 0513

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

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

LOCATION: Elevation: 1545' Watershed Paint Creek of Kanawha River
District: Valley County Fayette Quadrangle Pax

COMPANY Ashland Exploration, Inc.
ADDRESS P. O. Box 391, Ashland, Ky. 41114
DESIGNATED AGENT Forrest Burkett
ADDRESS P. O. Box 156, Brenton, WV 24818
SURFACE OWNER Glenn Wriston
ADDRESS 121 Second Ave., Fayetteville, WV 25840
MINERAL RIGHTS OWNER Ford Coal Company
ADDRESS Box 175 - Hansford, WV 25103
OIL AND GAS INSPECTOR FOR THIS WORK Craig Duckworth
ADDRESS Box 454, Mt. Lookout, WV
PERMIT ISSUED 2/8/83
DRILLING COMMENCED 3/4/83
DRILLING COMPLETED 3/22/83

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.	23'	23'	15 sks
13-10"			
9 5/8	489'	489'	130 sks
8 5/8			
7	1971'	1971'	410 sks
5 1/2			
4 1/2			
3			
2			
Liners used			

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

GEOLOGICAL TARGET FORMATION Marcellus Shale Depth 5965 feet
Depth of completed well 5963 feet Rotary X / Cable Tools _____
Water strata depth: Fresh 192' feet; Salt _____ feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 4457 feet
Gas: Initial open flow 245 Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 59 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 3 hours
Static rock pressure 730 psig (surface measurement) after 72 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

(Continue on reverse side)

(REVERSE)

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

Loaded hole from 5965-4457 w/15,500# of 80% Glycerine shot.
Tamped w/450' of pea gravel shot hole @ 1111 hrs. 3/20/83

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	117	
Sand			117	158	
Shale			158	206	
Sand			206	288	Fresh wtr @ 192'
Shale			288	362	
Lower Salt Sand			362	939	
Shale			939	1288	
Ravencliff-Upper Maxton			1288	1342	
Shale & Sand			1342	1492	
Middle Maxton			1492	1520	
Shale			1520	1603	
Stray Maxton			1603	1710	
Shale			1710	1744	
Lower Maxton			1744	1843	
Shale			1843	1852	
Little Lime			1852	1926	
Pencil Cave			1926	1958	
Big Lime			1958	2276	
Shale			2276	2410	
Upper Weir			2410	2446	
Shale			2446	2516	
Lower Weir			2516	2556	
Shale			2556	2791	
Coffee Shale			2791	2817	
Berea			2817	2850	
Devonian Shale			2850	3019	
Gordon			3019	3045	
Devonian Shale			3045	TD	
DTD	5965				
LTD	5963				

(Attach separate sheets as necessary)

ASHLAND EXPLORATION, INC.

Well Operator

By: Sheel S. Khina

Date: 4/8/83

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."

IV-35
(Rev 8-81)

RECEIVED
FEB 1 - 1985



OIL & GAS DIVISION State of West Virginia
DEPT. OF MINES Department of Mines
Oil and Gas Division

Date 1/30/85
Operator's _____
Well No. 2
Farm H. T. Smarr
API No. 47 - 019 - 0513-ERAC

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

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

LOCATION: Elevation: 1545.1' Watershed Paint Creek of Kanawha River
District: Valley County Fayette Quadrangle PAX

COMPANY Ashland Exploration, Inc.

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

DESIGNATED AGENT Forrest Burkett

ADDRESS P. O. Box 156, Brenton, WV 24818

SURFACE OWNER Glenn Wriston

ADDRESS 121 2nd Ave. Fayetteville, WV 25840

MINERAL RIGHTS OWNER Ford Coal Co.

ADDRESS Box 175, Hansford, WV 25103

OIL AND GAS INSPECTOR FOR THIS WORK Red

Dillon ADDRESS Box 30, Scarbro, WV

PERMIT ISSUED 10/11/84

RECOMPLETION ~~DRILLING~~ COMMENCED 11/1/84

RECOMPLETION ~~DRILLING~~ COMPLETED 1/15/85

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.	23	23	15 sks
13-10"			
9 5/8	489	489	130 sks
8 5/8			
7	1971	1971	410 sks
5 1/2			
4 1/2		680' (2892-2212)	80sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Weir, Maxton Depth 2520,1684 feet

Depth of completed well 5965 feet Rotary X / Cable Tools _____

Water strata depth: Fresh 192 feet; Salt Sand@362' feet

Coal seam depths: _____ Is coal being mined in the area? _____

OPEN FLOW DATA

Producing formation _____ Pay zone depth _____ feet

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

Final open flow _____ Mcf/d 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

(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

(Continue on reverse side)

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

RECEIVED

NOV 5 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 019-0513 FRAC

Oil or Gas Well GAS
(KIND)

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

Drillers' Names Tri-State Well Service

HALLIBURTON

Remarks: Set Brush Plug @ 4400'
Run 30 SKS Neat. on plug

11/21/84
DATE

Paul Dillon
DISTRICT WELL INSPECTOR

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

RECEIVED

NOV 19 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 019-0513FRAC

Oil or Gas Well GAS
(KIND)

Company <u>Ashland</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Ashland, Ky</u>	Size			
Farm <u>H. T. SMARR</u>	16			Kind of Packer
Well No. <u>#2</u>	13			
District <u>Valley</u> County <u>Fayette</u>	10			Size of
Drilling commenced <u>11-2-84</u>	8 1/4			Depth set
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top
Volume _____ Cu. Ft.	Liners Used			Perf. bottom
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Tri-State Well Service

Remarks: Set Cement Plug 3500' - 3360' 10 SKS.
Get Hole 3 BII. Cut 4 1/2 Casing @ 2212'
Pull 10 STS. @ 400'
Run 70 SKS. neat Across 4 1/2 Cut
3200' - 1400'

11/12/84
DATE

Rod Willon
DISTRICT WELL INSPECTOR

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

RECEIVED
NOV 19 1984

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

Permit No. 019-0513 FRAC

Oil or Gas Well GAS
(KIND)

Company <u>Ashland</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
Address <u>Ashland, Ky</u>	16			
Farm <u>H. T. Smarr</u>	13			
Well No. <u>#2</u>	10			Size of
District <u>Valley</u> County <u>Fayette</u>	8 1/4			
Drilling commenced <u>11-2-84</u>	6 3/8			Depth set
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top
Volume _____ Cu. Ft.				Perf. bottom
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES FEET _____ INCHES			
	_____ FEET _____ INCHES FEET _____ INCHES			

Drillers' Names Tri - State Well Service

Remarks: 11-13 Cement Hole 1900-1748 Bottom 7in 1977'
11-14 Perf. 7in. 25 Holes 1684-1704
FRAC Well (Dowell)

11-14-84

DATE

Rod Wilson

DISTRICT WELL INSPECTOR

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

RECEIVED
DEC 3 - 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 019-0513Frac

Oil or Gas Well GAS
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Ashland</u>	Size			
<u>Ashland, Ky</u>	16			Kind of Packer
<u>H. T. Smarr</u>	13			
<u>#2</u>	10			Size of
<u>Valley</u> County <u>Fayette</u>	8 1/4			
Drilling commenced	6 5/8			Depth set
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top
Volume _____ Cu. Ft.				Perf. bottom
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Complaint By Land owner ABOUT
Access Road
(Co. Repaired Road for land owner)

11-30-84
DATE

Rod Dillon
DISTRICT WELL INSPECTOR

RECEIVED

JAN 16 1985

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

OIL & GAS DIVISION

DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 019-0513-frac

Oil or Gas Well 9AS
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Ashland</u>	Size			
<u>Ashland, Ky</u>	16			Kind of Packer
<u>H.T. Smarr</u>	13			
<u>#2</u>	10			Size of
<u>Valley</u> County <u>Fayette</u>	8 1/4			
<u>11/2/84</u>	6%			Depth set
<u>11/19/84</u> Total depth	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top
Volume _____ Cu. Ft.				Perf. bottom
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

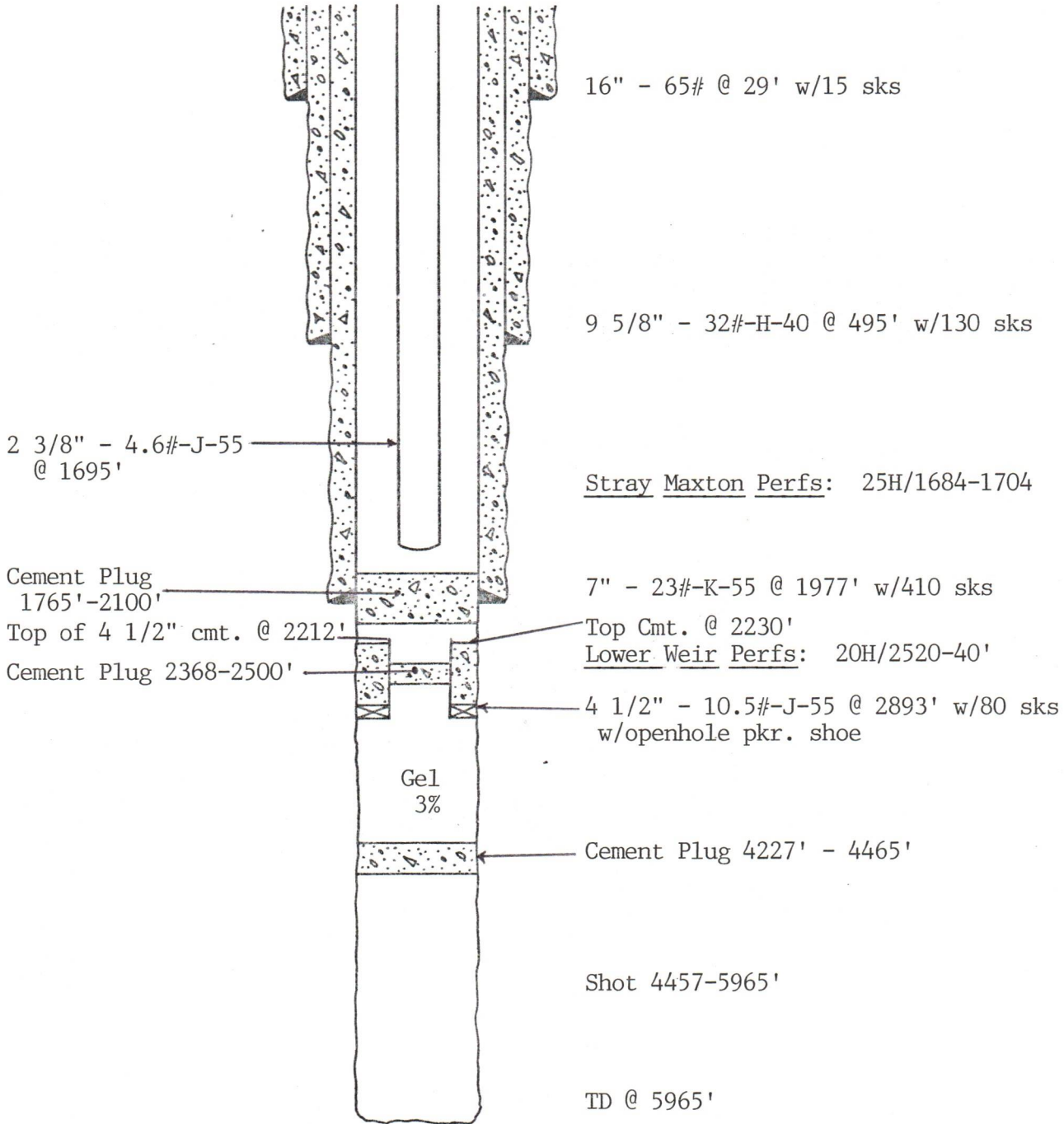
Drillers' Names _____

Remarks: Location & Road Not Reclaimed To Wet to Complete At this time

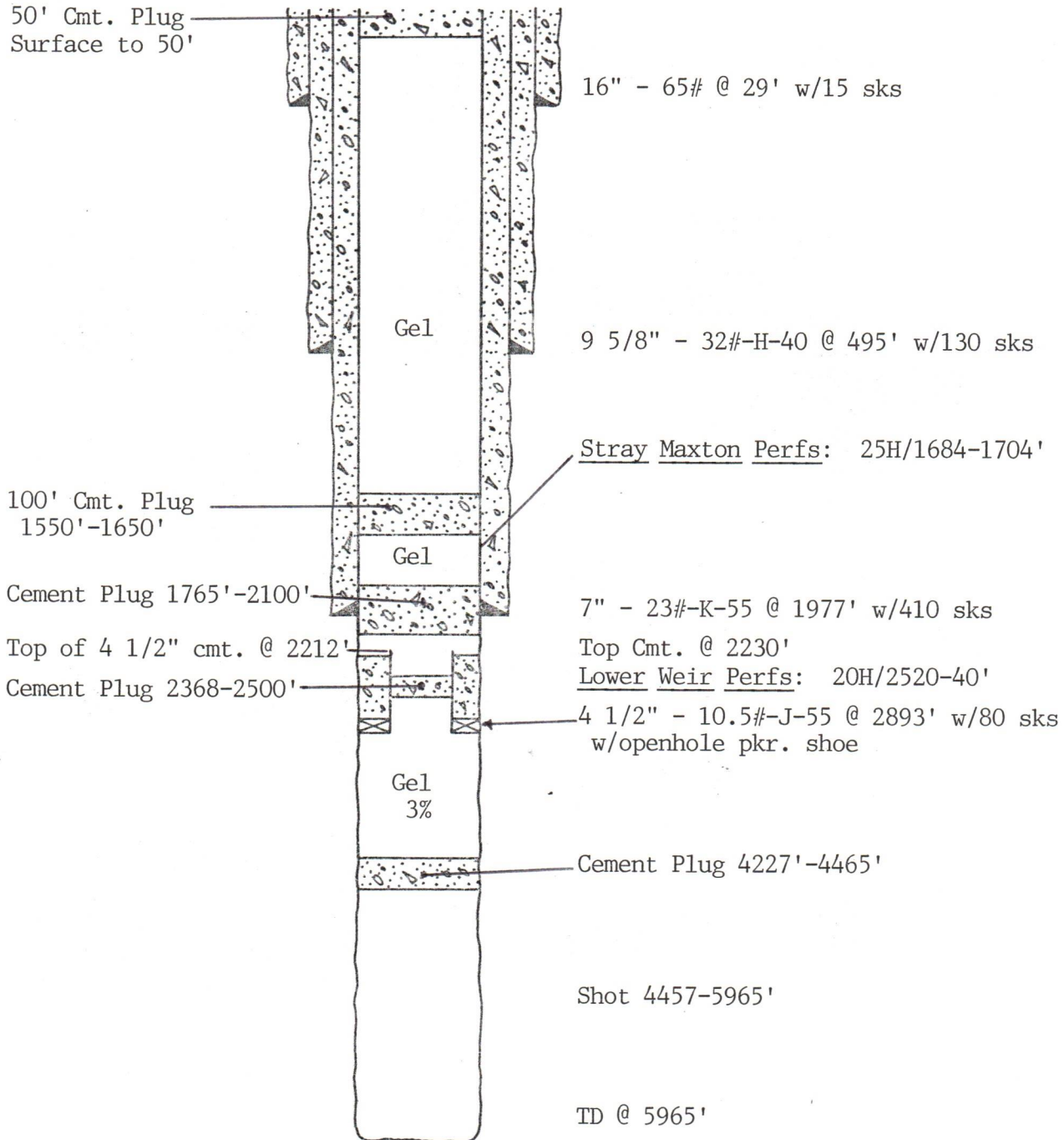
1/8/85
DATE

Red Dutton
DISTRICT WELL INSPECTOR

EXISTING



PROPOSED PLUGGING PLAN

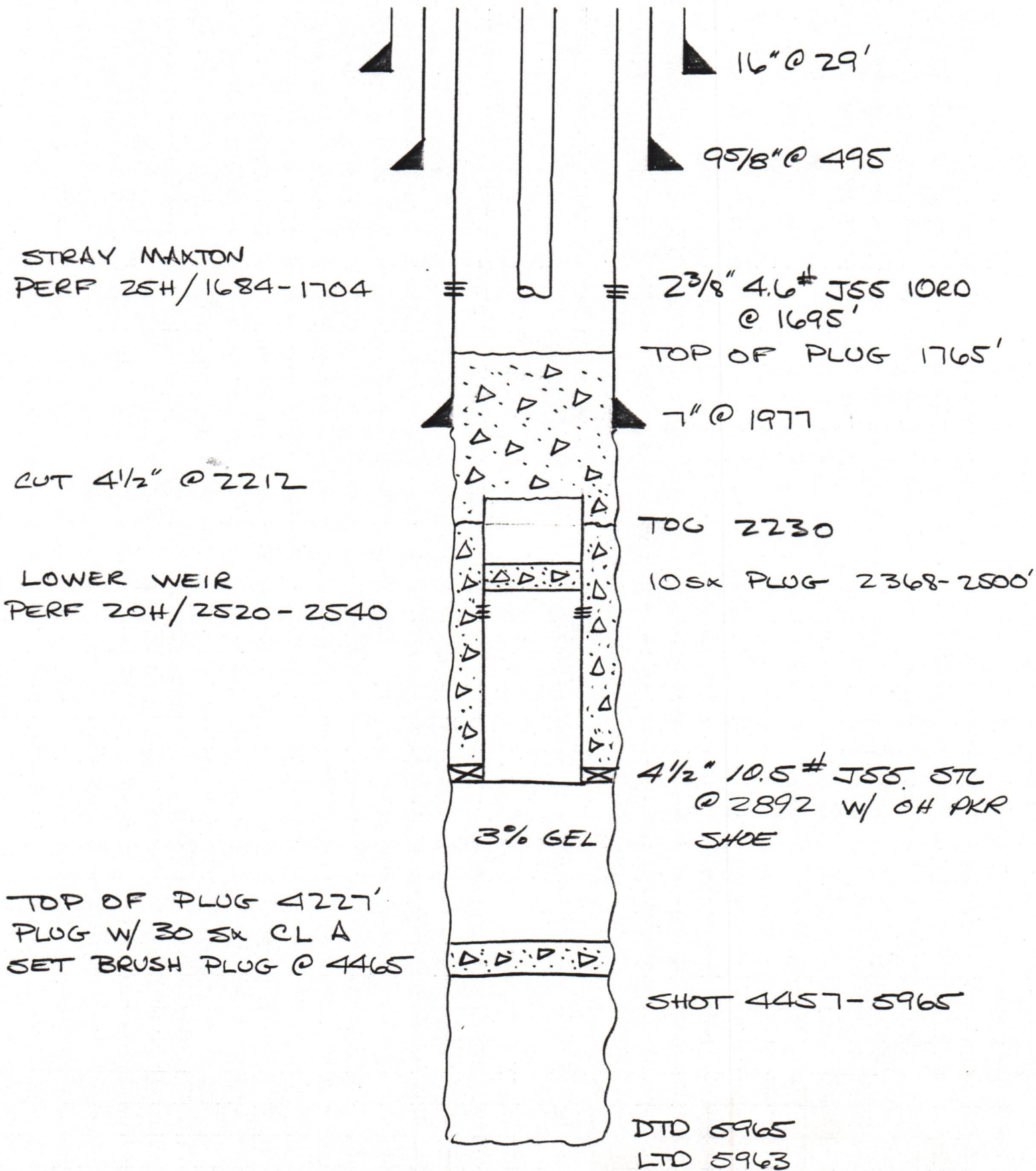


H.T. SMARR No 2
FAYETTE Co, WV

RECEIVED

FEB 1 - 1985

OIL & GAS DIVISION
DEPT. OF MINES



RECEIVED
DEC 13 1985



1) Date: December 4, 1985
2) Operator's Well No. H. T. Smarr etal No. 2
3) API Well No. 47 - 019 - 0513 P
State County Permit

STATE OF WEST VIRGINIA

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY, OIL AND GAS DIVISION
DEPARTMENT OF ENERGY
APPLICATION FOR A PERMIT TO PLUG AND ABANDON A WELL

- 4) WELL TYPE: A Oil _____ / Gas X / Liquid injection _____ / Waste disposal _____ /
B (If "Gas", Production X / Underground storage) _____ / Deep _____ / Shallow X /
- 5) LOCATION: Elevation: 1545.1 / Watershed: Paint Creek
District: Valley / County: Fayette / Quadrange: Pax 5-36
- 6) WELL OPERATOR Ashland Exploration CODE 2750
Address P. O. Box 391
Ashland, KY 41114
- 7) DESIGNATED AGENT Forrest Burkett
Address P. O. Box 156
Brenton, WV 24818
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Rodney Dillon
Address P. O. Box 30
Scarbro, WV 25917
- 9) PLUGGING CONTRACTOR
Name to be determined later.
Address _____

10) WORK ORDER: The work order for the manner of plugging this well is as follows:

Well was plugged back to current TD (1765') under permit 47-019-0513 Frac.
 (See attached diagrams)
 1765' - 1650' Gel Water
 1650' - 1550' Cement
 1550' - 50' Gel Water
 50' - Surface Cement
 3' monument at surface with identification.

OFFICE USE ONLY

PLUGGING PERMIT

Permit number 47-019-0513-P

December 31 1985

Date

This permit covering the well operator and well location shown below is evidence of permission granted to plug 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 24 hours before actual permitted work has commenced.)

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

Permit expires December 31, 1987 unless plugging is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <input checked="" type="checkbox"/>	Casing: <input checked="" type="checkbox"/>	WPCP: <input checked="" type="checkbox"/>	OTHER: <input checked="" type="checkbox"/>
	<u>ACB</u>	<u>255</u>	<u>MU</u>	<u>MR</u>	

[Signature]
Director, Division of Oil & Gas

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

File

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

OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED PLUGGING

1) WELL OPERATOR NAME AND ADDRESS: _____
 2) OIL & GAS INSPECTOR TO BE NOTIFIED: _____
 3) PLUGGING CONTRACTOR: _____
 4) DESIGNATED AGENT: _____
 5) LOCATION: _____
 6) WELL TYPE: _____
 7) DATE: _____

OFFICE USE ONLY

This part of Form WW-4(B) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Follow-up inspection(s)	Date(s)
Application received			
Plugging started		" "	
Plugging completed		" "	
Well Record received		" "	

OTHER INSPECTIONS

Reason: _____
 Reason: _____

_____	_____	_____	_____	_____
-------	-------	-------	-------	-------

[Handwritten signature]

RECEIVED
DEC 13 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: December 4, 19 85
Operator's
2) Well No. H. T. Smarr etal NO. 2
3) API Well No. 47 - 019 - 0513
State County Permit

STATE OF WEST VIRGINIA
DIVISION OF OIL AND GAS, DEPARTMENT OF ENERGY
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

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

(i) Name Glenn Wriston
Address 121 Second Ave.
Fayetteville, WV 25840

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5 (i) COAL OPERATOR _____
Address _____

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Ford Coal Company
Address Box 175
Hansford, WV 25103

5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

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

- (1) The Application to Plug and Abandon a Well on Form WW-4(B), which sets out the parties involved in the work, and describes the well and its location and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

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 WW-4(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 Permit to plug and abandon a well with the Director of the Division of Oil and Gas, West Virginia Department of Energy, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat 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.

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

W. Mark Parks

This 4th day of December, 1985.

My commission expires September 14, 1987.

Notary Public, State-at-Large County,
State of Kentucky

WELL

OPERATOR Ashland Exploration, Inc.

By W. Mark Parks

Its Staff Engineer

Address P. O. Box 391
Ashland, KY 41114

Telephone (606) 329-5989

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.

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22B-1-6 and Regulation 7.02 provide that the original and two copies of the Application must be filed with the Director, accompanied by (i) an original and four copies of the Notice, (ii) an original and four copies of a plat in the form prescribed by Regulation 11, and (iii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22B-1-26.

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 and 22B-1-23.

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Ford Coal Co.
Coal Operator or Owner
Box 175, Hansford, WV 25103
Address

Ford Coal Co.
Coal Operator or Owner
Box 175, Hansford, WV 25103
Address

Glen Wriston
Lease or Property Owner
121 Second Ave., Fayetteville, WV 25840
Address

Ashland Exploration, Inc.
Name of Well Operator
P. O. Box 391, Ashland, KY 41114
Complete Address

H. T. Smarr #2 19 86
WELL AND LOCATION

Valley District
Fayette County

WELL NO. 47-019-0513P

H. T. Smarr Farm

STATE INSPECTOR SUPERVISING PLUGGING Rodney Dillon

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Fayette ss:

Jerry Legg and Tom Hatfield
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Ashland Exploration, Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 5th day of February, 19 86, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
4465-TD	6% gel wtr			
4227-4465	Cmt plug			
2500-4227	6% gel wtr			
2368-2500	Cmt plug			
2100-2368	6% gel wtr			
1765-2100	Cmt plug			
1500-1765	6% gel			
1400-1500	Cmt plug			
100-1400	6% gel			
0-100	Cmt plug	4 1/2"	2212	681
		7"	0	1977
		9 5/8	0	495
		16"	0	29
Coal Seams		Description of Monument		
(Name)		3' @ surface w/identification		
(Name)				
(Name)				
(Name)				

and that the work of plugging and filling said well was completed on the 5th day of February, 19 86.

And further deponents saith not.

Deek S. Thina
Engineering Technician

Sworn to and subscribed before me this 10th day of February, 19 86.

Hella C. Butler
Notary Public

My commission expires:
9/14/87

Permit No. 019-0513-P

HAY 0513-P



RECEIVED
APR 29 1985
OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

COMPANY Ashland Exp.
Ashland, Ky

PERMIT NO 019-0513 frac
FARM & WELL NO H. T. Smarr #2
DIST. & COUNTY Walley / Fayette

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED L. Dillon
DATE 4-24-85

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

T. H. ...
Administrator-Oil & Gas Division

April 30, 1985
DATE

258

INSPECTOR'S PERMIT SUMMARY FORM

12-31-85

WELL TYPE GAS
ELEVATION 1545
DISTRICT Valley
QUADRANGLE Pax
COUNTY Fayette

API# 47- 019 - 0513-P
OPERATOR Ashland
TELEPHONE _____
FARM Wriston
WELL # Smarr 2

SURFACE OWNER Wriston, Glenn COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED 1-4-86

DATE STARTED _____
LOCATION _____ NOTIFIED yes DRILLING COMMENCED 5-5-86

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 OIL AND GAS up

TD _____ feet on _____

MAY 5 1986

PLUGGING

Type	From	To	Pipe Removed
<u>23/8</u>	<u>1695'</u>	<u>0</u>	<u>1695'</u>

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

Date Released 5-2-86

R. Dutton
Inspector's signature

API# 47 019 - 0513P

LIST ALL VISITS FOR THIS PERMIT

Tri-State Well Service

	DATE	TIME	PURPOSE	COMMENTS
1	1-9-86		look at site	before Plug
2				
3	2-5-86		Pull 23/8	
4				
5			Cmt. 1695' - 1595'	
6				
7			Gel 1595' - 50'	
8				
9			Cmt. 50' - 0	
10				
11	4-18		Reclaimed & Seeded	
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS
 1615 Washington Street, East
 Charleston, West Virginia 25311
 Telephone: 348-3500

ARCH A. MOORE, JR.
 Governor

John Johnston
 Director

May 8, 1986

Ashland Exploration, Incorporated
 Post Office Box 391
 Ashland, Kentucky 41114

In Re: Permit No: 47-019-0513-P
 Farm: Glen Wriston
 Well NO: Smarr 2
 District: Valley
 County: Fayette
 Issued: 12-31-85

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. ONLY the Column checked below applies:

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

Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that executed said bond in your behalf, in order that they may give you credit on their records.

Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above captioned well will remain under bond coverage for life of the well.

Respectively,

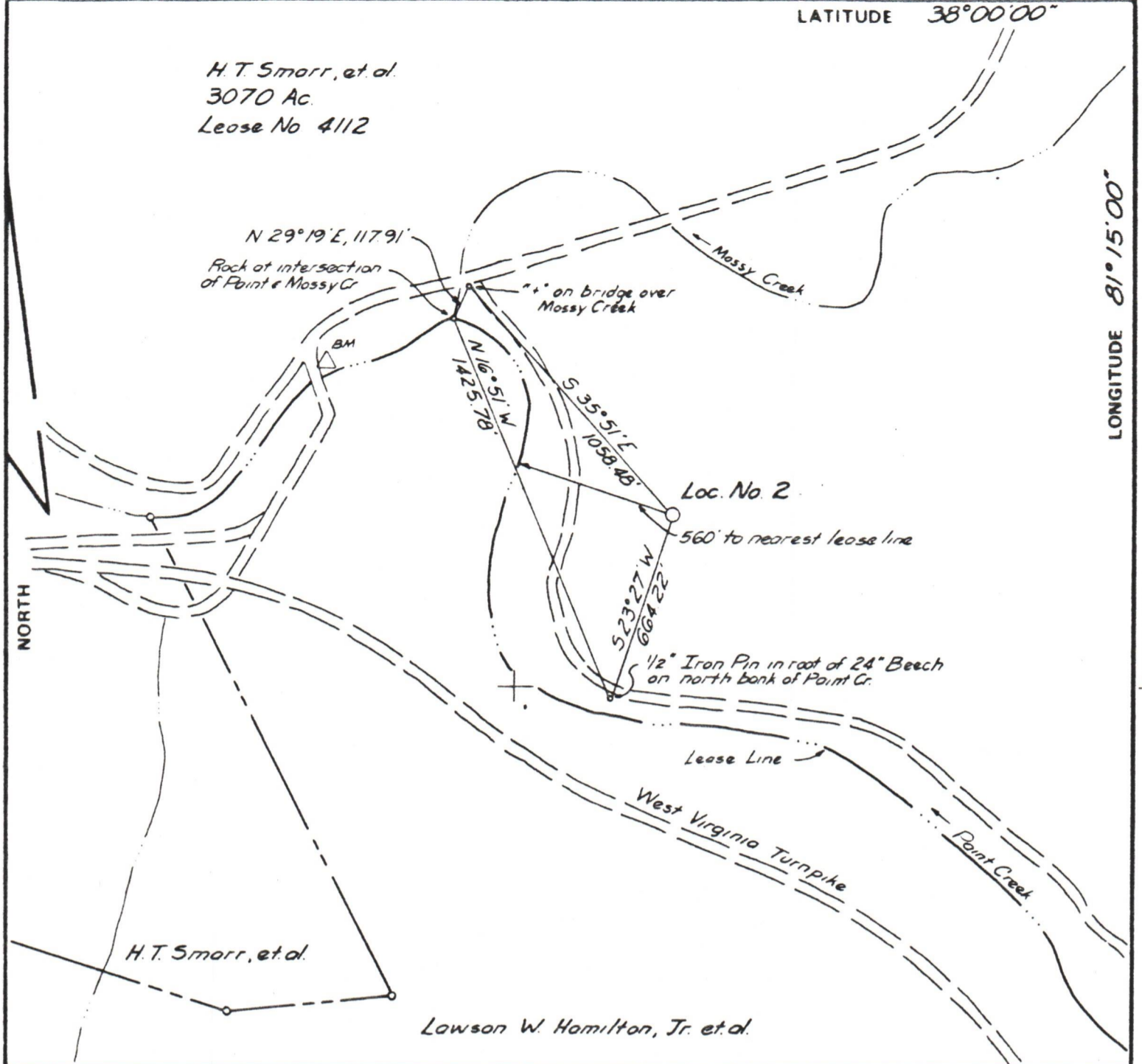
Theodore M. Streit
 Deputy Director--Inspection & Enforcement

TMS/ nw

LATITUDE 38°00'00"

H. T. Smorr, et al.
3070 Ac.
Lease No 4112

LONGITUDE 81°15'00"



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 4100
 PROVEN SOURCE OF ELEVATION USGS BM Metal Disk in Bridge Elev 1427.9

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) Stephen N. Parks
 R.P.E. 8982 L.L.S. _____

PLACE SEAL HERE

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



DATE Feb 7, 1983
 OPERATOR'S WELL NO. 2-Ser #097081
 API WELL NO. _____
47 - 019 - 0513 Frac-P
 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 X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1545.1 WATER SHED Point Creek of Kanawha River
 DISTRICT Valley COUNTY Fayette
 QUADRANGLE Pax
 SURFACE OWNER Glenn Wriston ACREAGE 18.5
 OIL & GAS ROYALTY OWNER Ford Cool Company LEASE ACREAGE 3070
 LEASE NO. 4112
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Marcellus Shale ESTIMATED DEPTH 5965'
 WELL OPERATOR Ashland Exploration, Inc. DESIGNATED AGENT Forrest Burkett
 ADDRESS P.O. Box 391 Ashland Ky 41114 ADDRESS P.O. Box 156 Brenton WV 24818

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

RECEIVED

NOV 13 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 019-0513 FRAC

Oil or Gas Well GAS
(KIND)

Company <u>Asbland</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Asbland, Ky</u>	Size			
Farm <u>H. T. Smarr</u>	16			Kind of Packer
Well No. <u>#2</u>	13			
District <u>Valley</u> County <u>FAY.</u>	10			Size of
Drilling commenced	8 1/4			
Drilling completed	6 5/8			Depth set
Date shot	5 3/16			
Initial open flow	3			Perf. top
Open flow after tubing	2			Perf. bottom
Volume	Liners Used			Perf. top
Rock pressure				Perf. bottom
Oil				
Fresh water				
Salt water				

CASING CEMENTED 4 1/2 SIZE ^{2886'} No. FT. 11-5-84 Date

NAME OF SERVICE COMPANY HALLIBURTON

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Tri-State Well Service

Remarks: 11-5-84 Run in Hole Check Cement Plug
Plug At 4227' 238' Cement Gel from Plug to 2900'
Run 2886' 4 1/2 Casing

11-6-84 Perf. Well 20 Holes 2520' - 2540'
11-7-84 FRAC Well HALLIBURTON
11-9-84 SWAB Well

11/9/84
DATE

Rock Dutton
DISTRICT WELL INSPECTOR

