



1) Date: May 3, 19 84
 2) Operator's Well No. W. Shroyer #1
 3) API Well No. 47-001-2053
 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 X /
 B (If "Gas", Production X / Underground storage / Deep / Shallow X /)
- 5) LOCATION: Elevation: 1715' / Watershed: Big Cove Run
 District: Cove / County: Barbour / Quadrangle: Nestorville
- 6) WELL OPERATOR Swift Energy Co.
 Address P. O. Box 2201
Clarksburg, WV 26301
- 7) DESIGNATED AGENT Tim Bennett
 Address P. O. Box 2201
Clarksburg, WV 26301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Phillip Tracy
 Address Forest Festival Terrace Apt. 24
Elkins, WV 26241
- 9) DRILLING CONTRACTOR:
 Name
 Address Unknown
- 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, Haverty
- 12) Estimated depth of completed well, 5950' feet
- 13) Approximate strata depths: Fresh, 50-675 feet; salt, 1075 feet.
- 14) Approximate coal seam depths: 215;365;475 / Is coal being mined in the area? Yes / No X

RECEIVED
 MAY 3 - 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	11 3/4	J	42	X		30'		Circulate	Kinds
Fresh water									
Coal									
Intermediate	8 5/8	ERW	23	X		1000	1000	To Surface	Sizes <u>CTS NEAT</u>
Production	4 1/2					5600	5600	As Required	Depths set <u>15.01</u>
Tubing								<u>by rule</u>	Perforations:
Liners									Top <u> </u> Bottom <u> </u>

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-001-2053

May 10, 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 May 10, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <u>ls</u>	Plat: <u>mu</u>	Casing: <u>mu</u>	Fee: <u>994</u>
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T. Bennett
 Administrator, Office of Oil and Gas

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

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

File



OFFICE USE ONLY

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

RECEIVED
 MAY 11 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

1) WELL LOCATION: _____
 2) WELL OPERATOR: _____
 3) OIL & GAS INSPECTOR TO BE NOTIFIED: _____
 4) PROPOSED WELL WORK: _____
 5) GEOLOGICAL TARGET FORMATION: _____
 6) ESTIMATED DEPTH OF COMPLETED WELL: _____
 7) APPROXIMATE TRAIL DEPTH: _____
 8) APPROXIMATE COAL SEAM DEPTH: _____
 9) CASING AND TUBING PROGRAM: _____

TUBING OR CASING TYPE	SIZE	GRADE	SPECIFICATIONS		FOOTAGE INTERVALS	LEFT IN WELL	PACKERS
			W. LIGHT PER FT.	NEW / USED			
Conductor	11 3/4"	J	42	X	301		
Fresh water							
Coal							
Intermediate	8 1/2"	SA	28	X	1000		
Production	4"				5800		

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: _____

Blanket	Agent	Plan	Casing	Loc
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2) Operator's Well No. W. Shroyer #1
3) API Well No. 47 001 State County Per

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

- 4) WELL TYPE: A Oil / Gas X /
B (If "Gas", Production XX / Underground storage / Deep / Shallow X /
- 5) LOCATION: Elevation: 1715' Watershed: Big Cove Run
District: Cove County: Barbour Quadrangle: Nestorville
- 6) WELL OPERATOR Swift Energy Co. 7) DESIGNATED AGENT Tim Bennett
Address P. O. Box 2201 Address P. O. Box 2201
Clarksburg, WV 26301 Clarksburg, WV 26
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
Name Phillip Tracy Name
Address Forest Festival Terrace Apt.24 Address Unknown
Elkins, WV 26241
- 10) PROPOSED WELL WORK: Drill X / Drill deeper / Redrill / Stimulate /
Plug off old formation / Perforate new formation /
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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	11 3/4	J	42	X		30'		Circulate	Kinds	
Fresh water										
Coal									Sizes	
Intermediate	8 5/8	ERW	23	X		1000	1000	To Surface		
Production	4 1/2					5600	5600	As Required	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 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 the materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____

_____ Date: _____

By _____

(Signature)

Its _____ 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.

1) Date: May 3, 1984
2) Operator's Well No. Shroyer #1.
3) API Well No. 47-001-2053
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 Thomas J. Lewis
Address Rt. 1
Moatsville, WV 26405
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR N/A
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name N/A
Address _____
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name N/A
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.

RECEIVED
MAY 3 - 1984
OIL & GAS DIVISION
DEPT. OF MINES

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
Tim Bennett
this 3 day of May, 1984.
My commission expires 6-15, 1989.
Diane G. Swigen
Notary Public, Harrison County,
State of W. VA.

WELL OPERATOR SWIFT ENERGY COMPANY
By Tim Bennett
Its Designated Agent
Address P. O. Box 2201
Clarksburg, WV 26301
Telephone 622-7701

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>
Wellington Shroyer, et ux	Hope Nat. Gas	1/8th	49/280
Thomas J. Lewis, et ux	Hope Nat. Gas		
CNG	Swift Energy Co.		Farmout aGreement Dated 3/1/84



1) Date: May 3, 19 84
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STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas X /
 B (If "Gas", Production XX / Underground storage / Deep / Shallow X /)
- 5) LOCATION: Elevation: 1715' Watershed: Big Cove Run
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 Address P. O. Box 2201 Address P. O. Box 2201
Clarksburg, WV 26301 Clarksburg, WV 26301
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 Name Phillip Tracy Name
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 Other physical change in well (specify)
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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	Kinds	Sizes
Conductor	<u>11 3/4 J</u>		<u>42</u>	<u>X</u>		<u>30'</u>		<u>Circulate</u>		
Fresh water										
Coal										
Intermediate	<u>8 5/8 ERW</u>		<u>23</u>	<u>X</u>		<u>1000</u>	<u>1000</u>	<u>To Surface</u>	<u>CTS NEAT</u>	
Production	<u>4 1/2</u>					<u>5600</u>	<u>5600</u>	<u>As Required</u>	<u>Depths set</u>	
Tubing								<u>by rule</u>	<u>15.01</u>	
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 §22-4-3 must be filed with the Department of Mines 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 §22-4-20, 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

Coal Owner

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF W. Va.,
COUNTY OF Barbour :

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- (1) Notice on Form IV-2(A) ✓ / Form IV-3(A) / Form IV-4(A) /
- (2) Application on Form IV-2(B) ✓ / Form IV-3(B) / Form IV-4(B) /
- (3) Plat showing the well location on Form IV-6, and
- (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well)

--all with respect to operator's Well No. Shroyer #1 located in Barbours Co District, Barbours Co County, West Virginia, upon the person or organization named--

Thomas J. Lewis

--by delivering the same in Barbours County, State of W. Va. on the 3 day of May, 1984 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

[] Handing it to him / her / or, because he / she refused to take it when I offered it, by leaving it in his / her presence.

[] Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

[] Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

[] Handing it to the general partner, named _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

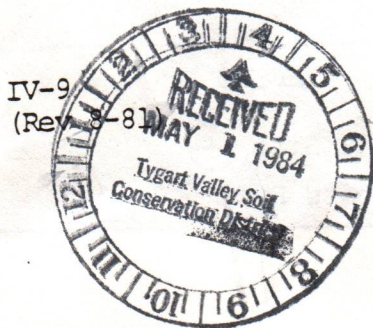
[] Handing it to the corporation's employee / officer / director / attorney in fact / named _____.

Timothy Bennett
(Signature of person executing service)

Taken, subscribed and sworn before me this 3rd day of May, 1984.
My commission expires March 9, 1992.

Lois A. Sumpkins
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)



DATE _____
 WELL NO. Shroyer #1
 API NO. 47 -001 -2053

State of West Virginia
 Department of Mines
 Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Swift Energy Company
 Address P. O. Box 2201, Clarksburg, WV
 Telephone 622-7701

DESIGNATED AGENT Tim Bennett
 Address 737 Karl St., Weston, WV 26452
 Telephone 269-3215

LANDOWNER Thos. Lewis
 Revegetation to be carried out by _____

SOIL CONS. DISTRICT _____
 OPERATOR _____ (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections and additions become a part of this plan: _____

may 31 1984
 (Date)
Junior Hedrick
 (SCD Agent)



ACCESS ROAD

LOCATION SOIL & GAS DIVISION

Structure Culverts (A)
 2-5% 500'-300' 11-15% 200'-100'
 Spacing 6-10% 300'-200' 16-20% 100'
 Page Ref. Manual 2-7

Structure Diversions (1)
 Material Soil - (2% Max. Slope)
 Page Ref. Manual 2-12

Structure Drainage Ditch (B)
 Spacing To Be Constructed Along Road
 Page Ref. Manual 2-12

Structure Drilling Pit (2)
 Material Soil
 Page Ref. Manual _____

Structure Cross Drains (C)
 Spacing 2%-250' 10%-80'
5%-135' 15%-60'
 Page Ref. Manual 2-4

Structure Sediment Trap (3)
 Material Soil
 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 3 Tons/acre
 or correct to pH 6.5
 Fertilizer 600 lbs/acre
 (10-20-20 or equivalent)
 Mulch Hay 2 Tons/acre
 Seed* Ky-31 Tall Fescue 30 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Rvegrass 10 lbs/acre

(Meadowland)
 Lime 3 Tons/acre
 or correct to pH 6.5
 Fertilizer 600 lbs/acre
 (10-20-20 or equivalent)
 Mulch Hay 2 Tons/acre
 Seed* Ky. Bluegrass 20 lbs/acre
White Clover 5 1/2 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 Tim Bennett

ADDRESS SWIFT ENERGY COMPANY
P. O. Box 2201
Clarksburg, WV 26301

PHONE NO. 622-7701

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



MILFORD ST. EXTENSION, P.O. BOX 2201, CLARKSBURG, WV 26301 (304) 622-7701

SWIFT ENERGY COMPANY

RECEIVED

DEC 19 1984

OIL & GAS DIVISION
DEPT. OF MINES

December 18, 1984

Mr. Ted Streit
Department of Mines
1615 Washington St., E.
Charleston, WV 25311

Dear Ted

Due to wet weather conditions and further completion activities, we are requesting a reclamation extension for the Shroyer #1 Well, Permit Number 47-001-2053.

We will install temporary sediment controls around the location to prevent erosion this winter. The road is reclaimed and the culverts are installed, so there should not be any inconvenience for the land owner.

Thank you for your cooperation.

Sincerely

Tim Bennett

djm

P.S. Don Ellis has inspected the road and location and approved the extension of the reclamation time limit.

OK

12-20-84

cc. Don Ellis
cc Swift

RECEIVED
MAR 2 8 1985

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

05-31-84
Haverty - 5467-5519', 25,000 SCF N₂, 10,000# 80-100 SD, 32,500# 20-40 SD, 500 GA, 467 BGW.
4th Elk - 5141-5158', 25,000 SCF N₂, 10,000# 80-100 SD, 32,500# 20-40 SD, 500 GA, 462 BGW.
Alexander - 4451-4478', 30,000 SCF N₂, 12,000# 80-100 SD, 40,000# 20-40 SD, 500 GA, 526 BGW.
Balltown/Speechley - 3306-3310', 3411-3418', 60,000# 20-40 SD, 500 GA, 508 BGW.

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	1450	Damp at 1040'
Little Lime			1450	1465	Gas test at 1519' - no show
Shale			1465	1492	Gas test at 1708' - no show
Sandstone & Shale			1492	2712	Gas test at 2000' - no show
Bayard			2712	2813	Gas test at 2650' - no show
Sandstone & Shale			2813	5136	Gas test at 3100' - no show
3rd Elk			5136	5253	Gas test at 4150' - no show
Sandstone & Shale			5253	5998	Gas test at 4305' - no show Gas test at 4966' - no show

(Attach separate sheets as necessary)

SWIFT ENERGY COMPANY

Well Operator

By James M. Kitterman

Date: 3-21-85

James M. Kitterman
Vice President - Drilling & Prod.

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

MAY 9 - 1984

INSPECTOR'S WELL REPORT OIL & GAS DIVISION

DEPT. OF MINES

Oil or Gas Well
(KIND)

Permit No. _____

Company Swift Energy
 Address _____
 Farm Shroyer
 Well No. W-1
 District _____ County Barbour
 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			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
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: Met with Jim Bennett of Swift Energy to look at location. Mr. Lewis wasn't too happy to have them on his farm. Where they have the road & locator placed is ok and should not disturb Mr. Lewis land too much.

5-4-84
DATE

Phillip Bray
DISTRICT WELL INSPECTOR

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

RECEIVED

MAY 23 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 001-2053

Oil or Gas Well _____
(KIND)

Company Swift Energy
 Address _____
 Farm W. Shroyer
 Well No. 1
 District Coxe County Barbour
 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			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
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: Building location

5-16-84
DATE

Philip Shroyer
DISTRICT WELL INSPECTOR

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

RECEIVED
MAY 23 1984

INSPECTOR'S WELL REPORT OIL & GAS DIVISION

DEPT. OF MINES

Permit No. 001-2053

Oil or Gas Well
(KIND)

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

Drillers' Names _____

Remarks: Moving rig

5-17-84
DATE

Phillip Dwyer
DISTRICT WELL INSPECTOR

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

RECEIVED

MAY 30 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 001-2053

Oil or Gas Well _____
(KIND)

Company Sweet Energy
 Address _____
 Farm W. Shroyer
 Well No. 1
 District Cove County Barbour
 Drilling commenced _____
 Drilling completed _____ Total depth 1400
 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			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4	<u>1029</u>	<u>1029</u>	<u>265 lb cut 5-21-84</u>
6 5/8			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: _____

5-22-84
DATE

Phillip Tracy
DISTRICT WELL INSPECTOR

U01
125

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OFFICE OF OIL AND GAS
CHARLESTON 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

RECEIVED
APR 16 1985

OIL & GAS DIVISION

Company: SWIFT ENERGY COMPANY
Farm: LEWIS, THOMAS J.

Well: W SHROYER 1

Permit No. 47- 1-2
County: BARBOUR

DEPT. OF MINES
1-2053

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	✓	
6.01	Required permits at wellsite	✓	
5.03	Adequate Fresh Water Casings	✓	
5.02	Adequate Coal Casings	✓	
5.01	Adequate Production Casings	✓	
5.04	Adequate Cement Strength	✓	
5.05	Cement Type	✓	
3.02	Maintained Access Roads	✓	
5.01	Necessary Equipment to Prevent Waste	✓	
3.04	Reclaimed Drillings Pits	✓	
3.05	No Surface or Underground Pollution	✓	
3.07	Requirements for Production & Gathering Pipelines	✓	
6.01	Well Records on Site	✓	
2.02	Well Records Filed		
2.05	Identification Markings	✓	

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

SIGNED *Paul R. Ellis*
DATE 4-17-85

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.

Thomas J. Lewis
Administrator

April 18, 1985
Date