

RECEIVED
NOV 7 1985



1) Date: _____, 19____
2) Operator's Well No. S-599 Ballard Tolliver
3) API Well No. 47-019-0574
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 X /
B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1235 / Watershed: Cane Branch
District: Falls / County: Fayette / Quadrangle: Gauley Bridge 361
- 6) WELL OPERATOR Scott Oil Co. CODE: 44315 7) DESIGNATED AGENT Darrel Wright
Address P. O. Box 112 / Address P. O. Box 112
Salem, WV 26426 / Salem, WV 26426
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
Name Rodney Dillon / Name _____
Address P. O. Box 1526 / Address _____
Sophia, WV 25921
- 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, Devonian Shale
- 12) Estimated depth of completed well, 2850 feet
- 13) Approximate strata depths: Fresh, _____ feet; salt, _____ feet.
- 14) Approximate coal seam depths: _____ 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 | | |
| Conductor | 16" | | | | | 30' | | | |
| Fresh water | 11 3/4" | if necessary | | | | 550' | 550' | | Kinds |
| Coal | | | | | | | | | |
| Intermediate | 8 5/8" | | | | | | 1300 | | Sizes |
| Production | 4 1/2" | | | | | | 2850 | | to surface by rule 15.05 |
| Tubing | | | | | | | | | 200 sks. or less required |
| Liners | | | | | | | | | by rule 15.01 |
| | | | | | | | | | Perforations: |
| | | | | | | | | | Top Bottom |

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-019-0574

November 14 1985
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 November 14, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

| | | | | | | | |
|-------------------------------------------|--------------------------------------------|-----------------|-------------------|------------------|-----------------|----------------|--------------|
| Bond: <input checked="" type="checkbox"/> | Agent: <input checked="" type="checkbox"/> | Plat: <u>MU</u> | Casing: <u>MU</u> | Fee: <u>345-</u> | WPCP: <u>MU</u> | S&E: <u>MU</u> | Other: _____ |
|-------------------------------------------|--------------------------------------------|-----------------|-------------------|------------------|-----------------|----------------|--------------|

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

John H. [Signature]
Director, Division of Oil and Gas

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

12/29/2023 File

OFFICE USE ONLY

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

1) WELL TYPE: A-Oil B-Gas C-Other

2) LOCATION: District Falls, Township 12S, Range 10E

3) WELL GENERATOR: Scott Oil Co., P.O. Box 123, 12345, State

4) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: Rodney P. Johnson, Address: P.O. Box 1230, 12345, State

5) DRILLING CONTRACTOR: Name: [Blank], Address: [Blank]

6) PROPOSED WELL WORK:

- Drill Ream Plug Other
- Plug old formation Patch old formation Patch new formation
- Other physical changes in well (specify):

7) GEOLOGICAL TABLE INFORMATION:

- Estimated depth of completed well: [Blank]
- Approximate true depth: [Blank]
- Approximate true stratigraphic: [Blank]
- Is sand being mined in the area?

| DATE | DESCRIPTION | BY | REMARKS |
|------------|------------------------------------|-------------|------------------------|
| 12/29/2023 | Application received | [Signature] | Initial review |
| 12/29/2023 | Well work started | [Signature] | Drilling permit issued |
| 12/29/2023 | Completion of the drilling process | [Signature] | Final inspection |
| 12/29/2023 | Well Record received | [Signature] | Record review |
| 12/29/2023 | Reclamation completed | [Signature] | Site cleanup |

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 | | |
| Well work started | | |
| Completion of the drilling process | | |
| Well Record received | | |
| Reclamation completed | | |

OTHER INSPECTIONS

Reason: _____

Reason: _____

WW-9 **RECEIVED**
NOV 7 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY



State of West Virginia
Department of ENERGY
Oil and Gas Division

DATE October 17, 1985
WELL NO. S-599, Ballard Tolliver
API NO. 47-019-0574

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Scott Oil Company DESIGNATED AGENT Darrel Wright
Address P.O. Box 112, Salem, WV Address P. O.Box 112, Salem, WV
Telephone 304-623-9600 Telephone 304-623-9600
LANDOWNER Ballard Tolliver SOIL CONS. DISTRICT Southern
Revegetation to be carried out by Big Justice Construction Co. (Agent)

This plan has been reviewed by Southern SCD. All corrections and additions become a part of this plan: 11-4-85 (Date)
Gary W. Baschain (SCD Agent)

ACCESS ROAD

LOCATION

| | |
|-------------------------------------|-----------------------------------------|
| Structure <u>Drainage ditch</u> (A) | Structure <u>Diversion Ditch</u> (1) |
| Spacing <u>On upper road cuts</u> | Material <u>Earthen</u> |
| Page Ref. Manual <u>2-12</u> | Page Ref. Manual <u>2-12</u> |
| Structure <u>Cross Drains</u> (B) | Structure <u>Berm</u> (2) |
| Spacing <u>5%-135' 18% 51'</u> | Material <u>Brush & Earth</u> |
| Page Ref. Manual <u>2-1</u> | Page Ref. Manual <u>n/a</u> |
| Structure _____ (C) | Structure <u>Sediment Barriers</u> (3) |
| Spacing _____ | Material <u>Brush from site</u> |
| Page Ref. Manual _____ | Page Ref. Manual <u>2-16 & 2-18</u> |

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

Lime According to PH test Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Hay or straw 2 Tons/acre

Seed* Ky 31, Fescue 35 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Rye 10 lbs/acre

Treatment Area II

Lime According to PH test Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Hay or straw 2 Tons/acre

Seed* Ky 31, Fescue 35 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Rye 10 lbs/acre

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

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

PLAN PREPARED BY Scott Oil Company 12/29/2023
ADDRESS P. O. Box 112
Salem, WV 26426
PHONE NO. 304-623-9600

1) Date: October 23, 1985
Operator's
2) Well No. S-599 Ballard Tolliver
3) API Well No. 47 - 019 - 0574
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

5 (i) COAL OPERATOR
Address _____

(i) Name Ballard Tolliver
Address P. O. Box 711
Gauley Bridge, WV 25085

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Ballard Tolliver
Address P. O. Box 711
Gauley Bridge, WV 25085

(ii) Name _____
Address _____

(iii) Name _____
Address _____

P 102 479 905

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
NOV 7 1985
(See Rev. 10/85)

TO THE PERSON

- (1) The inv and
- (2) The
- (3) The to rec

THE REAS WHICH ARE SUP WW-2(B) DESIC

Take not erator propos for a Well Wc well at the l Copies of thi have been mai above (or by to the Direct

6) EXTRACTI

Check and Incl The s

7) ROYALTY I

Is the r

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.

| | |
|---------------------------------------------------------------|--------------------------------|
| Sent to | <u>Ballard Tolliver</u> |
| DEPARTMENT OF ENERGY | |
| Box 711 | |
| P.O., State and ZIP Code | <u>Gauley Bridge, WV 25085</u> |
| Postage | <u>.56</u> |
| Certified Fee | <u>.75</u> |
| Special Delivery Fee | |
| Restricted Delivery Fee | |
| Return Receipt Showing to whom and Date Delivered | <u>70</u> |
| Return receipt showing to whom, Date, and Address of Delivery | |
| TOTAL Postage and Fees | <u>2.01</u> |
| Postmark or Date | |

U.S.G.P.O. 1984-446-014
PS Form 3800, Feb. 1982



EE WITH DECLARATION ON RECORD:

nd the following documents:

ich sets out the parties well and its location gram; rm WW-6, and s the well work is only ediment control and for

S REGARDING THE APPLICATION THE COPY OF THE APPLICATION ANY ACTION AT ALL.

the undersigned well op- and accompanying documents l Gas, with respect to a l on attached Form WW-6. :ion and Reclamation Plan and to the person(s) named e day of mailing or delivery

ct or contracts by which I everse side for specifics.)

WELL OPERATOR Scott Oil Company
By Darrel Wright
Its Agent
Address P. O. Box 112
Salem, WV 26426
Telephone 304-623-9600

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 Darrel Wright on the 23 day of October, 1985, my commission expires April 23, 1993.
Roger Zim
Notary Public, Harrison County, State of West Virginia

12/29/2023

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

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the 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.

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 Plans;
- (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:

| | |
|-------------------|-----------------------|
| Ballard Tolliver | Grantor, lessor, etc. |
| Scott Oil Company | Grantee, lessee, etc. |
| 1/8 | Royalty |
| 438 | Book page |
| 28 | |

7/85



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NOV 7 1985

1) Date: _____, 19____
2) Operator's Well No. S-599 Ballard Tolliver
3) API Well No. 47 State _____ County _____ Permit _____

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

APPLICATION FOR A WELL WORK PERMIT

DIVISION OF OIL & GAS

4) WELL TYPE: A On Gas / Gas
 B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow _____ /)
 5) LOCATION: Elevation: 1235 Watershed: Cane Branch
 District: Falls County: Fayette Quadrangle: Gauley Bridge
 6) WELL OPERATOR: Scott Oil Co. CODE: 44315 7) DESIGNATED AGENT: Darrel Wright
 Address: P. O. Box 112 Address: P. O. Box 112
Salem, WV 26426 Salem, WV 26426
 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: Rodney Dillon
 Address: P. O. Box 1526
Sophia, WV 25921
 9) DRILLING CONTRACTOR: Name _____ Address _____

10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate _____ /
 Plug off old formation _____ / Perforate new formation _____ /
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Devonian Shale
 12) Estimated depth of completed well, 2850 feet
 13) Approximate strata depths: Fresh, _____ feet; salt, _____ feet.
 14) Approximate coal seam depths: _____ 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" | | | | | 30' | | | Kinds |
| Fresh water | 11 3/4" | if necessary | | | | | | | |
| Coal | | | | | | | | | Sizes |
| Intermediate | 8 5/8" | | | | | | 1300 | to surface | |
| Production | 4 1/2" | | | | | | 2850 | | Depths set |
| Tubing | | | | | | | | | |
| 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: October 27, 1985

By: Ballard Tolliver

Its: Owner 12/29/2023

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NOV 7 1985



1) Date: _____, 19____
2) Operator's Well No. S-599 Ballard Tolliver
3) API Well No. 47 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 X /
B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow _____ /)
- 5) LOCATION: Elevation: 1235 Watershed: Cane Branch
District: Falls County: Fayette Quadrangle: Gauley Bridge
- 6) WELL OPERATOR Scott Oil Co. CODE: 44315 7) DESIGNATED AGENT Darrel Wright
Address P. O. Box 112 Address P. O. Box 112
Salem, WV 26426 Salem, WV 26426
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Rodney Dillon
Address P. O. Box 1526
Sophia, WV 25921
- 9) DRILLING CONTRACTOR:
Name _____
Address _____
- 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate _____ /
Plug off old formation _____ / Perforate new formation _____ /
Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Devonian Shale
- 12) Estimated depth of completed well, 2850 feet
- 13) Approximate strata depths: Fresh, _____ feet; salt, _____ feet.
- 14) Approximate coal seam depths: _____ 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 | |
| Conductor | 16" | | | | | 30' | | | Kinds |
| Fresh water | 11 3/4" | if necessary | | | | | | | |
| Coal | | | | | | | | | Sizes |
| Intermediate | 8 5/8" | | | | | | 1300 | to surface | |
| Production | 4 1/2" | | | | | | 2850 | | 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: _____

Ballard Tolliver
(Signature) Date 10-27-85

By _____

Ballard Tolliver
(Signature) Date 12/29/2023

Its _____ Date _____

(Signature) 12/29/2023
Date _____

RECEIVED
NOV 7 1999

SITE REGISTRATION APPLICATION FORM
STATE OF WEST VIRGINIA/NPDES GENERAL PERMIT FOR OIL AND GAS
DRILLING PIT WASTE DISCHARGE

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1. Company Name Scott Oil Company
2. Mailing Address P. O. Box 112, Salem, WV 26426
street city state zip
3. Telephone 304-623-9600 4. Well Name Ballard Tolliver S-599
5. Latitude 38°10'00" Longitude 81°07'30"
6. NPDES # WV0073343 7. Dept. Oil & Gas Permit NO. 47-019-0574
8. County Fayette 9. Nearest Town Gauley Bridge
10. Nearest Stream Cane Branch 11. Tributary of _____
12. Will Discharge be Contracted Out? yes _____ no x
13. If Yes, Proposed Contractor _____
Address _____
Telephone _____
14. Proposed Disposal Method: UIC _____ Land application x
Off Site Disposal _____ Reuse _____ Centralized Treatment _____
Thermal Evaporation _____ Other _____
15. Attach to this application a topographic map (a duplicate of the one submitted to the Office of Oil and Gas) showing the outline of the facility, location of wells, springs, rivers and other surface water bodies, and drinking water wells known to the applicant in the area of the lease that may be impacted by any land application.

Nothing in the general permit shall be deemed in any way to create new, or enlarge existing, rights of riparian owners or others. Neither does anything in the general permit create new, or enlarge existing, obligations or duties of an operator pursuant to the requirements of W. Va. Code S22-4-1 et seq. The issuance of the general permit does not convey any property rights of any sort. Nor shall the issuance of the general permit give rise to any presumptions of law or findings of fact inuring to or for the benefit of persons other than the State of West Virginia.

12/29/2023

IV-35
(Rev 8-81)

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS



State of West Virginia

Department of Mines
Oil and Gas Division

Date January 18, 1986
Operator's
Well No. S-599
Farm Ballard Tolliver
API No. 47 - 019 - 0574

JAN 21 1986

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: 1235 Watershed Cane Branch
District: Falls County Fayette Quadrangle Gauley Bridge

COMPANY Scott Oil Company
ADDRESS P. O. Box 112, Salem, WV
DESIGNATED AGENT Darrel Wright
ADDRESS P. O. Box 112, Salem, WV
SURFACE OWNER Gallard Tolliver
ADDRESS Gauley Bridge, WV
MINERAL RIGHTS OWNER Same as surface owner
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK Rodney
Dillon ADDRESS Sophia, WV
PERMIT ISSUED 11/14/85
DRILLING COMMENCED 12/8/85
DRILLING COMPLETED 12/18/85

| Casing & Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. |
|------------------|------------------|--------------|------------------------|
| Size 20-16 Cond. | | | |
| 13-10" | 30' | | |
| 9 5/8 | | | |
| 8 5/8 | | 1352 | to surface |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | | 2187 | 200 sks |
| 3 | | | |
| 2 | | | |
| Liners used | | | |

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

GEOLOGICAL TARGET FORMATION Gordon Depth _____ feet
Depth of completed well 2850 feet Rotary ___ / Cable Tools ___
Water strata depth: Fresh ___ feet; Salt ___ feet
Coal seam depths: 130-133, 145-148 Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2646-2658 / 2712-2730 feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 231 Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 700 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)

FAY
0574

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

Gordon Perfs 2646-2658 Sand 20/40 500 sks 750 bbl
2712-2730

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS Including indication of all fr. and salt water, coal, oil and |
|---------------|-------|--------------|----------|-------------|-----------------------------------------------------------------------------|
| Dirt | | | 0 | 15 | |
| Shale | | | 15 | 130 | |
| Coal | | | 130 | 133 | |
| Sand & Shale | | | 133 | 145 | |
| Coal | | | 145 | 148 | |
| Sand | | | 148 | 162 | |
| Sand & Shale | | | 162 | 272 | |
| Sand | | | 272 | 370 | |
| Sand & Shale | | | 370 | 644 | |
| Sand | | | 644 | 778 | |
| Sand & Shale | | | 778 | 812 | |
| Sand | | | 812 | 880 | |
| Sand & Shale | | | 880 | 1212 | |
| Sand | | | 1212 | 1260 | |
| Sand & Shale | | | 1260 | 1290 | |
| Sand | | | 1290 | 1305 | |
| Sand & Shale | | | 1305 | 1651 | |
| Little Lime | | | 1651 | 1712 | |
| Sand & Shale | | | 1712 | 1743 | |
| Big Lime | | | 1743 | 1998 | |
| Sand | | | 1998 | 2060 | |
| Sand & Shale | | | 2060 | 2100 | |
| Sand | | | 2100 | 2198 | |
| Shale | | | 2198 | 2472 | |
| Sand | | | 2472 | 2525 | |
| Sand & Shale | | | 2525 | 2708 | |
| Sand | | | 2708 | 2758 | |
| Sand & Shale | | | 2758 | 2850TD | |
| Gamma Ray Log | | | | | |
| Maxton | | | 1404 | 1431 | |
| Little Lime | | | 1642 | 1710 | |
| Big Lime | | | 1745 | 1992 | |
| Pocono | | | 1992 | 2064 | |
| Weir | | | 2086 | 2186 | |
| Berea | | | 2484 | 2509 | |
| Gordon | | | 2645 | 2762 | |

(Attach separate sheets as necessary)

Scott Oil Company
Well Operator
By: David Wright 12/29/2023
Date: 1/18/86

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."

INSPECTOR'S PERMIT SUMMARY FORM

11-14-85

WELL TYPE Gas
ELEVATION 1235
DISTRICT Falls
QUADRANGLE Nawley Bridge
COUNTY Fayette

API# 47- 019-0524
OPERATOR Scott Oil
TELEPHONE _____
FARM Jolliwell
WELL # S-599

SURFACE OWNER Jolliwell COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED _____

DATE STARTED _____
LOCATION 11/18/85 NOTIFIED yes DRILLING COMMENCED 12-8-85

WATER DEPTHS 70", _____, _____, _____
COAL DEPTHS 130-133, 145-148, _____, _____

CASING

Ran 1352 feet of 8 5/8" pipe on 12-15 with 400 SWS fill up
Ran 2160 feet of 4 1/2" pipe on 12-19 with _____ fill up
Ran _____ feet of _____" pipe on _____ with _____ fill up
Ran _____ feet of _____" pipe on _____ with _____ fill up

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

TD 2850 feet on 12-19-85

PLUGGING

JUN 10 1986

| Type | From | To | Pipe Removed |
|------|------|----|--------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

Date Released 6/4-86

P. Dutton 12/29/2023
Inspector's signature

API# 47 019 - 0524

LIST ALL VISITS FOR THIS PERMIT

Development Drilling Req #4

| | DATE | TIME | PURPOSE | COMMENTS |
|----|-------|------|-------------------------------|----------|
| 1 | 11/18 | | Start Building location | |
| 2 | | | | |
| 3 | 11/25 | | Building location | |
| 4 | | | | |
| 5 | 11/27 | | location Comp Rd Under Const. | |
| 6 | | | | |
| 7 | 12/5 | | look after Building | |
| 8 | | | | |
| 9 | 12-10 | | soep hole 577' | |
| 10 | | | | |
| 11 | 12-17 | | dusting 1856' | |
| 12 | | | | |
| 13 | 12-27 | | free well | |
| 14 | | | | |
| 15 | 2-4 | | lay gas line | |
| 16 | | | | |
| 17 | 4-9 | | Reclaim location | |
| 18 | | | | |
| 19 | 4-23 | | location reclaimed & seeded | |
| 20 | | | | |

Notes

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)

| | | | | | |
|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------|----------------------|---------------------------------------------|-------------------------------|
| 1.0 API well number: (If not assigned, leave blank. 14 digits.) | - 47 - 019 - 0574 | | | | |
| 2.0 Type of determination being sought: (Use the codes found on the front of this form.) | 107 Section of NGPA | 3 Category Code | | | |
| 3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.) | 2730 feet | | | | |
| 4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.) | Name Scott Oil Company | | 44315 Seller Code | | |
| | Street P. O. Box 112 | | | | |
| | City Salem | State WV | Zip Code 26426 | | |
| 5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) | Field Name Falls | | | | |
| | County Fayette | State WV | | | |
| (b) For OCS wells: | Area Name | Block Number | | | |
| | Date of Lease: Mo. Day Yr. OCS Lease Number | | | | |
| (c) Name and identification number of this well: (35 letters and digits maximum.) | Ballard Tolliver S-599 | | | | |
| (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) | | | | | |
| 6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) | not committed | | | | |
| | Name | Buyer Code | | | |
| (b) Date of the contract: | Mo. Day Yr. | | | | |
| (c) Estimated total annual production from the well: | _____ Million Cubic Feet | | | | |
| | | (a) Base Price | (b) Tax | (c) All Other Prices [Indicate (+) or (-).] | (d) Total of (a), (b) and (c) |
| 7.0 Contract price: (As of filing date. Complete to 3 decimal places.) | S/MMBTU | 2 5 3 9 | . 3 8 1 | . 4 3 8 | 3 . 3 5 8 |
| 8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.) | S/MMBTU | 6 1 3 0 | . 9 2 0 | 1 - 0 5 8 | 8 . 1 0 8 |
| 9.0 Person responsible for this application: | Name Darrel Wright Agent | | | | |
| Agency Use Only Date Received by Juris. Agency JAN 22 1986 Date Received by FERC | Signature <i>Darrel Wright</i> | | | | Title |
| | Date Application is Completed 1/18/86 | | | Phone Number 304-623-9600 | |

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
 PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)
 (Sections 102, 103, 107 and 108)

GENERAL INSTRUCTIONS

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA.

Complete each appropriate item on the reverse side of this page. The code numbers used in items 4 and 6 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Also enter any additional remarks in the space below. The data reported on this form are not considered to be confidential and will not be treated as such.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 357-8585.

SPECIFIC INSTRUCTIONS

Use the codes in the table below for type of determination in item 2.

| Section of NGPA (a) | Category Code (b) | Description (c) |
|------------------------|----------------------|--------------------------------------------|
| 102 | 1 | New OCS lease |
| 102 | 2 | New onshore well (2.5 mile test) |
| 102 | 3 | New onshore well (1000 feet deeper test) |
| 102 | 4 | New onshore reservoir |
| 102 | 5 | New reservoir on old OCS lease |
| 103 | - | New onshore production well |
| 107 | 0 | Deep (more than 15,000 feet) high-cost gas |
| 107 | 1 | Gas produced from geopressed brine |
| 107 | 2 | Gas produced from coal seams |
| 107 | 3 | Gas produced from Devonian shale |
| 107 | 5 | Production enhancement gas |
| 107 | 6 | New tight formation gas |
| 107 | 7 | Recompletion tight formation gas |
| 108 | 0 | Stripper well |
| 108 | 1 | Stripper well - seasonally affected |
| 108 | 2 | Stripper well - enhanced recovery |
| 108 | 3 | Stripper well - temporary pressure buildup |
| 108 | 4 | Stripper well - protest procedure |

Enter the appropriate information regarding other Purchasers/Contracts.

| Line No. | Contract Date (Mo, Da, Yr) (a) | Purchaser (b) | Buyer Code (c) |
|----------|--------------------------------------|------------------|-------------------|
| 1 | | none | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |

Remarks:

12/29/2023

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

421-79

FEB 15 1986

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: Jan. 18, 1986

44315

AGENCY USE ONLY

Applicant's Name: Scott Oil Company

Address: P. O. Box 112

Salem, WV 26426

Gas Purchaser Contract No. none assigned

Date of Contract n/a
(Month, day and year)

First Purchaser: not committed

P 629

Address: (Street or P.O. Box)

(City) (State) (Zip Code)

FERC Seller Code 44315

WELL DETERMINATION FILE NUMBER
860122 -1073-019-0574
Use Above File Number on all
Communications Relating to This Well

Designated Agent: Darrel Wright

Address: P. O. Box 112

Salem, WV 26426

FERC Buyer Code

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

Name: Darrel Wright Agent
(Print) (Title)

Signature: Darrel Wright

Address: P. O. Box 112
(Street or P.O. Box)

Salem WV 26426
(City) (State) (Zip Code)

Telephone: 304 623-9600
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

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

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

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

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

AGENCY USE ONLY

12/29/2023

RECEIVED
JAN 22 1986

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date Received

Determination Date

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's
Well No. S-599 Tolliver

API Well No.
47 - 019 - 0574
State County Permit

WELL CLASSIFICATION FORM
HIGH COST GAS WELL - DEVONIAN SHALE
NGPA Section 107

DESIGNATED AGENT Darrel Wright

ADDRESS P. O. Box 112
Salem, WV 26426

LOCATION Elevation 1235
Watershed Cane Branch

WELL OPERATOR Scott Oil Company

ADDRESS P. O. Box 112

Dist. Falls County Fayette Quad. Gauley Bridge

Gas Purchase
Contract No. none assigned

GAS PURCHASER not committed

Meter Chart Code _____

ADDRESS _____

Date of Contract _____

* * * * *

Date surface drilling began: 12/8/85

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

$$BHP = P_1 + P_1 \left(\frac{GL}{53.34T} - 1 \right)$$

$P_1 = 700$ BHP 743
 $T = 74$
 $G = .575$
 $L = 2725$

AFFIDAVIT

I, Darrel Wright, having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

Darrel Wright

STATE OF WEST VIRGINIA

COUNTY OF Harrison, TO-WIT:

I, Roger Zinn, a Notary Public in and for the state and county aforesaid, do certify that Darrel Wright, whose name is signed to the writing above, bearing date the 18th day of January, 1986, has acknowledged the same before me, in my county aforesaid. 12/29/2023

Given under my hand and official seal this 18th day of January, 1986.
My term of office expires on the 23 day of April, 1993.

(NOTARIAL SEAL)

Roger Zinn
Notary Public

Devonian Shale Work Sheet

WELL NAME Ballard Tolliver

API 47-019-0574

| | |
|-----------|-----|
| 2518-2550 | 140 |
| 2550-2600 | 140 |
| 2600-2650 | 150 |
| 2650-2700 | 145 |
| 2700-2750 | 135 |
| 2750-2800 | 145 |
| 2800-2854 | 150 |

Average Shale Line 143.6

70% Shale Line 100.5

Devonian Interval 366

% Devonian Interval 16.8 allowable

Total sand greater than 70% Shale Line 10

12/29/2023

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT

Operator: Scott Oil Company Agent: Darrel Wright
 Type Determination being sought - 107 (Devonian Shale)
 API Well No.: 47-019-0574 Well Name: Ballard Tolliver
 West Virginia Office of Oil and Gas County: Fayette
 References: SJA File No.

Vol. Page Line

I. NOTE: A Gamma Ray Log has been marked with the (a) Shale Base Line, (b) a line representing 0.7 x (Shale Base Line), (c) intervals with Gamma Ray units less than 0.7 x (Shale Base Line) and that log is included with this analysis.

II. Gamma Ray elevation indices:

A. Shale Base Line (API Units)

1. GR Value at Base Line = 143.6 * API Units
2. Remarks:

B. Gamma Ray Log Value at 0.7 x Value at Base Line

1. GR Value = 143.6 * API Units
2. Calculation: $\frac{0.7}{0.7} \text{ (GR Value at Base Line)}$
 $\frac{0.7}{0.7} \text{ (143.6 *)} = \underline{100.5}$ API Units

III. Intervals with GR index less than 0.7 x (Value at Base Line):

| Interval | | Thickness of Interval Feet | Feet of less than* 0.7 (Shale Base Line) Feet |
|----------|-------|----------------------------------|-----------------------------------------------------|
| From** | To*** | | |
| 2518 | 2550 | 32 | 0 |
| 2550 | 2600 | 50 | 2 |
| 2600 | 2650 | 50 | 2 |
| 2650 | 2700 | 50 | 2 |
| 2700 | 2750 | 50 | 4 |
| 2750 | 2800 | 50 | 0 |
| 2800 | 2854 | 54 | 0 |

Total Devonian Interval 336

Total Less Than 0.7 (Shale Base) 10

Less Than 0.7 (Shale Base Line) = $\frac{10}{336} \times 100 = \underline{2.98} \%$

12/29/2023

*Marked on log included with analysis.
 **Top of Devonian Section Recorded on First Interval in this Column.
 ***Lesser of TD or Bottom of Devonian Section Recorded as last Interval in this Column.

222 11-13-85

10,570'

LATITUDE 38°10'00"

WELL REFERENCES:
N11°W, 159.50' TO 14" W. OAK
S32°30'E, 103.50' TO 4" DOGWOOD

COLE



N16°W
380'

NAYLOR

B. S. TOLLIVER
3.25 AC.

NO. 1
S-599

S55°05'E 170.02'

FENCE COR.

268.34'

N17°35'E

S54°18'W

271.53'

POST

HAMILTON

COLE

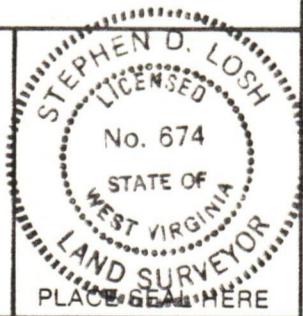
LAND SURVEYING SERVICES
1412 N. 18 TH ST.
CLARKSBURG, WV 26301
PHONE: 304-623-1214

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 100'
MINIMUM DEGREE OF
ACCURACY 1 in 2500
PROVEN SOURCE OF
ELEVATION BM 5300' W. OF
LOCATION ELEV. - 702'

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF MINES.

(SIGNED) Stephen D. Losh
R.P.E. _____ L.L.S. 674
STEPHEN D. LOSH



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE OCTOBER 14, 19 85
OPERATOR'S WELL NO. S-599
API WELL NO. 47-019-0574 TOLLIVER NO. 1
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1235' WATERSHED CANE BRANCH
DISTRICT FALLS (VALLEY) COUNTY FAYETTE
QUADRANGLE GAULEY BRIDGE 7.5 min.

SURFACE OWNER BALLARD W. TOLLIVER ACREAGE 3.25
OIL & GAS ROYALTY OWNER BALLARD W. TOLLIVER LEASE ACREAGE 4.00 12/29/2023
LEASE NO. 1920

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 2850'
WELL OPERATOR SCOTT OIL COMPANY DESIGNATED AGENT DARREL WRIGHT
ADDRESS P.O. BOX 112 ADDRESS P.O. BOX 112
SALEM, WV 26426 SALEM, WV 26426

LONGITUDE 81°07'30"

COUNTY NAME PERMIT

FORM IV-6 (8-78) H.T. HALL