

**RECEIVED**  
SEP 10 1985



1) Date: August 14, 1985  
 2) Operator's Well No. 1  
 3) API Well No. 47 State 095 County -1118 Permit

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

- 4) WELL TYPE: A Oil  / Gas \_\_\_\_\_  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow \_\_\_\_\_)
- 5) LOCATION: Elevation: 922' Watershed: Ohio River  
 District: Lincoln 3 County: Tyler Quadrangle: New Matamoras 7.5' 5 29
- 6) WELL OPERATOR Sohio Shale CODE: 46280 7) DESIGNATED AGENT Chet Waterman  
 Address 50 S. Main St., Suite 930 Address 1704-18th Street  
Salt Lake City, UT 84144 Parkersburg, WV 26101
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name \_\_\_\_\_ Address \_\_\_\_\_  
 9) DRILLING CONTRACTOR: Name To be named later 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, Big Injun
- 12) Estimated depth of completed well, 1600 feet
- 13) Approximate strata depths: Fresh, 90 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		Kinds	Sizes
Conductor										
Fresh water	<u>10-3/4</u>			<input checked="" type="checkbox"/>			<u>200'</u>	<u>Circulated</u>	<u>70 sx.</u>	<u>by rule</u>
Coal										<u>1505</u>
Intermediate										
Production	<u>7"</u>		<u>17</u>	<input checked="" type="checkbox"/>			<u>1400'</u>	<u>Circulated</u>	<u>335 sx.</u>	<u>Depths set</u>
Tubing										
Lin...										<u>Perforations:</u>
										<u>Top Bottom</u>

OFFICE USE ONLY  
**DRILLING PERMIT**

Permit number 47-095-1118

October 7 19 85  
 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 7, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>SB</u>	Agent: <u>ALB</u>	Plat: <u>mt</u>	Casing: <u>mt</u>	Fee: <u>12170</u>	WPCP	S&E	Other
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Margaret J. Hasse  
 Director, Division 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.

12/01/2023 File

OFFICE USE ONLY

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

Ohio River  
New Westmoreland 7.5  
Chief Westerman  
1704-18th Street  
Parkersburg, WV 26101  
Lincoln  
50 S. Main St., Suite 930  
Salt Lake City, UT 84144

*12/01/2023*

OFFICE USE ONLY

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

	<u>Date</u>	<u>Date(s)</u>
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

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

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

*Mr. Margaret J. Hesse*

12/01/2023

WW-9

RECEIVED  
SEP 10 1985



DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

State of West Virginia  
Department of ENERGY  
Oil and Gas Division

DATE 8/14/85  
WELL NO. 1  
API NO. 47-095-1118

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Sohio Shale Oil Co.  
Address Salt Lake City, UT  
Telephone (801) 328-3700  
LANDOWNER Charles McCoy

DESIGNATED AGENT Chet Waterman  
Address Parkersburg, WV  
Telephone 428-5715  
SOIL CONS. DISTRICT Upper Ohio

Revegetation to be carried out by Chet Waterman (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections and additions become a part of this plan:

8-29-85  
(Date)  
Lloyd Justice  
(SCD Agent)

ACCESS ROAD	GRADE -- %	(LOCATION IS FLAT)	LOCATION
Structure <u>N/A</u>		(A)	Structure <u>N/A</u> (1)
Spacing <u>N/A</u>			Material <u>N/A</u>
Page Ref. Manual <u>N/A</u>			Page Ref. Manual <u>N/A</u>
Structure <u>N/A</u>		(B)	Structure <u>N/A</u> (2)
Spacing <u>N/A</u>			Material <u>N/A</u>
Page Ref. Manual <u>N/A</u>			Page Ref. Manual <u>N/A</u>
Structure <u>N/A</u>		(C)	Structure <u>N/A</u> (3)
Spacing <u>N/A</u>			Material <u>N/A</u>
Page Ref. Manual <u>N/A</u>			Page Ref. Manual <u>N/A</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 3 Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay 2 Tons/acre  
Seed\* K-31 Fescue 40 lbs/acre  
Birdsfoot Trefoil 10 lbs/acre  
Domestic Rye 10 lbs/acre

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\* K-31 Fescue 40 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 seeding for one growing season. Attach separate sheets as necessary for comments.

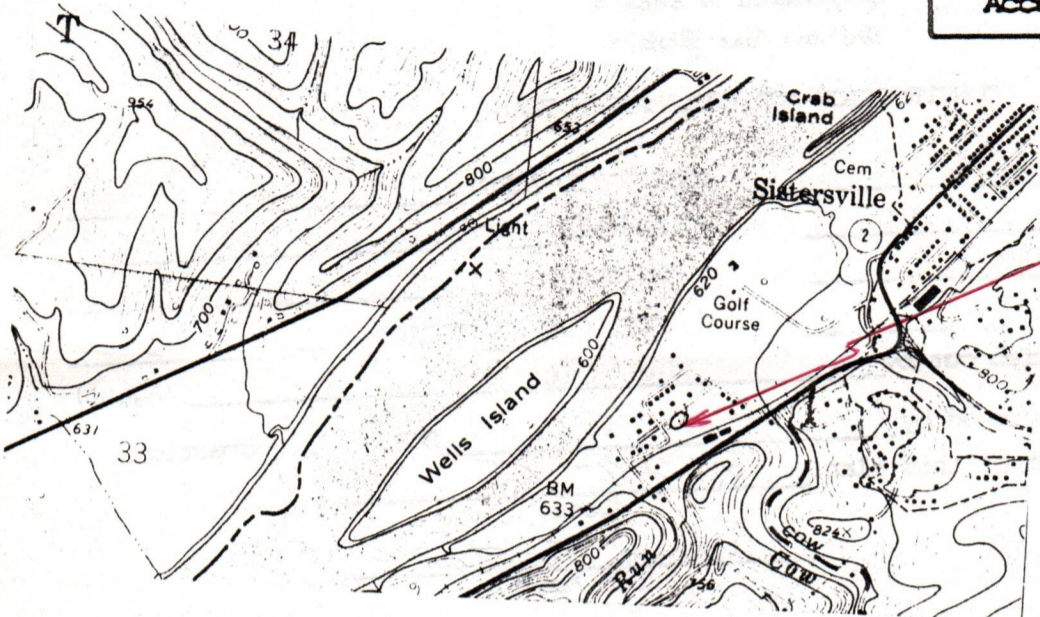
PLAN PREPARED BY Chet Waterman 12/01/2023  
ADDRESS 1704-18th Street  
Parkersburg, WV 26101  
PHONE NO. 428-5715

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE New Matamoras 7.5'

**LEGEND**

Well Site ⊕

Access Road ———



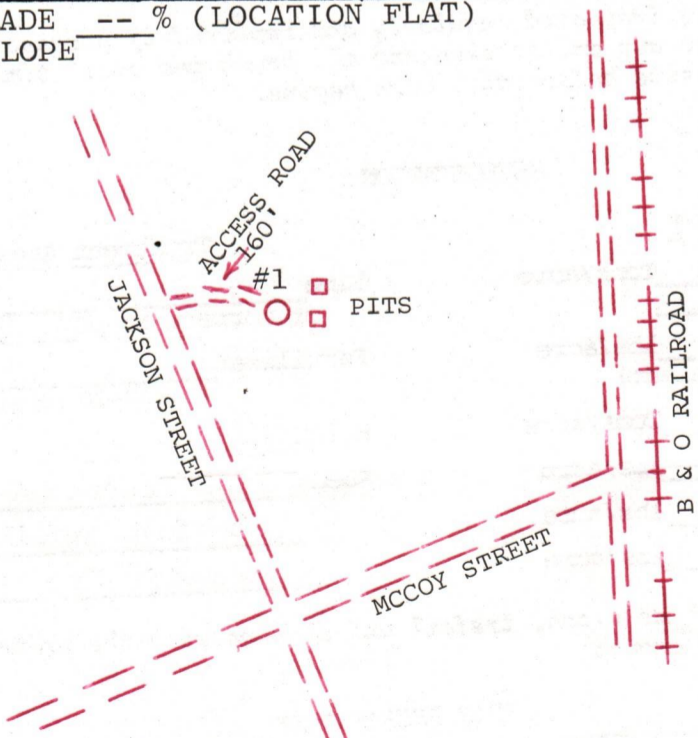
Proposed Well #1

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

**LEGEND**

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

LOCATION ROAD GRADE --- % (LOCATION FLAT)  
ROAD BANKS 2:1 SLOPE



12/01/2023

TREES TO BE CUT AND STACKED. BRUSH TO BE DISPOSED OF BEFORE EARTHWORK BEGINS. REVEGETATION TO BE COMPLETED WITHIN SIX MONTHS OF WELL COMPLETION.



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

**APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil  / Gas \_\_\_\_\_ /  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow \_\_\_\_\_ /)
- 5) LOCATION: Elevation: 922' Watershed: Ohio River  
 District: Lincoln County: Tyler Quadrangle: New Matamoros 7.5'
- 6) WELL OPERATOR Sohio Shale CODE: \_\_\_\_\_ 7) DESIGNATED AGENT Chet Waterman  
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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		
Conductor									Kinds
Fresh water	<u>10-3/4</u>			<input checked="" type="checkbox"/>			<u>200'</u>	<u>Circulated</u>	<u>70 sx. by rule</u>
Coal									Size <u>15.05</u>
Intermediate									
Production	<u>7"</u>		<u>17</u>	<input checked="" type="checkbox"/>			<u>1400'</u>	<u>Circulated</u>	Depths set
Tubing								<u>335 sx.</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 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.

*SB for XMH MW/12170*

Date: \_\_\_\_\_, 19 \_\_\_\_\_

By *Chet Waterman*  
 Its \_\_\_\_\_ 12/01/2023



1) Date: August 14, 19 85  
 2) Operator's Well No. 1  
 3) API Well No. 47 095  
 State            County            Permit           

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

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Fresh water	<u>10-3/4"</u>			<input checked="" type="checkbox"/>			<u>200'</u>	<u>Circulated</u>	<u>70 sx.</u>	<u>by rule</u>
Coal										<u>15.05</u>
Intermediate										
Production	<u>7"</u>		<u>17</u>	<input checked="" type="checkbox"/>			<u>1400'</u>	<u>Circulated</u>	<u>335 sx.</u>	Depths set
Tubing										Perforations:
Liners										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:             
 By             
 Its            Date           

(Signature)            Date             
 (Signature)            Date 12/01/2023

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

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22B, Article 1 of the W. Va. Code. Permits are valid for 24 months.

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

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

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION :

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

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

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

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

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

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

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

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

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

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

RECEIVED SEP 10 1985

STATE OF WEST VIRGINIA  
COUNTY OF WOOD :

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

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

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

--all with respect to operator's Well No. One located in Lincoln District, Tyler County, West Virginia, upon the person or organization named--

Sohio Shale Oil Company

--by delivering the same in WOOD County, State of WEST VIRGINIA on the 28 day of AUGUST, 1985 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual: REGISTERED LETTER (RETURN RECEIPT ATTACHED)

[ ] 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 \_\_\_\_\_.

[Signature]

(Signature of person executing service)

Taken, subscribed and sworn before me this 9th day of September, 1985.  
My commission expires November 19, 1990

Susan C. Shock

Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

12/01/2023



DEPARTMENT OF JUSTICE  
DIVISION OF INVESTIGATION



12/01/2023

1) Date: 8/14, 1985  
Operator's  
2) Well No. 1  
3) API Well No. 47 - 095 - 1118  
State County Permit

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

4) SURFACE OWNER(S) OF RECORD TO BE SERVED  
(i) Name Charles McCoy  
Address 1441 Inspiration Dr.  
La Jolla, CA  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5 (i) COAL OPERATOR None  
Address \_\_\_\_\_  
5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name None  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name None  
Address \_\_\_\_\_

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

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

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

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

6) EXTRACTION RIGHTS  
Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22B-1-8(c)(1) through (4). (see reverse side for specifics.)

7) ROYALTY PROVISIONS  
Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form WW-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by  
L. Straig Taylor,  
his 29th day of August, 1985,  
My commission expires 3/26, 1989.  
Nancy W. Grandson  
Notary Public, Salt Lake County,  
State of Utah

WELL OPERATOR Sohio Shale Oil Company  
By R. Straig Taylor  
Its Vice President  
Address 50 South Main St., Suite 930  
Salt Lake City, UT 84144  
Telephone (801) 328-3700

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DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

12/01/2023

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

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Division of Oil & gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code §22B-1-9(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code §22B-1-36.
- 6) See Code §22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11 (d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code §22B-1-6 and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22B-1-2C and the reclamation required by Code §22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code §22B-1-2(c) and 22B-1-29, and (v) if applicable, the consent required by Code §22B-1-21 from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22B-1-9, 22-B-1-13 and 22B-1-14.

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INFORMATION SUPPLIED UNDER CODE §22B-1-8(d)  
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>page</u>
Tetra Systems Inc.	Sohio Shale Oil Co.	*	256	133

\*1/8 to oil and gas owner, 1/16 override to Tetra.

12/01/2023

RECEIVED  
SEP 17 1985

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DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

SITE REGISTRATION APPLICATION FORM FOR OFF-SITE DISPOSAL  
State of West Virginia/NPDES General Permit  
Oil and Gas Drilling Pit Waste Discharge

\*\*\*\*\*

To be used for off-site land application, reuse and dilution purposes only. This form shall be submitted in addition to the required site registration/application form if 1. The operator anticipates the need for an off-site discharge, 2. The operator is prevented from using a previously proposed disposal option for any reason and chooses the off-site option as an alternative and/or 3. The operator transports the pit wastes from one well to another for purposes of reuse in the drilling process or dilution to reduce chlorides. All general permit terms and conditions will apply.

\*\*\*\*\*

1. Company Name Sohio Shale Oil Company
2. Mailing Address P. O. Box 126, Parkersburg, WV 26102
3. Telephone 428-5715 4. Well Name F.R. Wells Heirs #1
5. NPDES # WV0073343 6. Office Oil & Gas Permit # 47-095-1118
7. County Tyler 8. Nearest Town Sistersville
9. Explain The Need For Use Of Off-Site Option: In housing area

10. Off Site Disposal Method: .....
  - a. Land Application Disposal well
  - b. Reuse/Dilution \_\_\_\_\_

11. Location (of discharge or reuse) Zanesville, Ohio

12. If Reuse/Dilution: Well Name \_\_\_\_\_  
NPDES # WV0073343 OO&G Permit # \_\_\_\_\_

13. If Land Applicaton: Nearest Stream \_\_\_\_\_  
No. Acres Involved \_\_\_\_\_  
Location Of Site Zanesville, Ohio

14. Has Site Been Previously Used For Disposal Purposes?  
Yes X NO. of Times \_\_\_\_\_ No \_\_\_\_\_  
Comments \_\_\_\_\_

15. Will Discharge Be Contracted Out? Yes X No \_\_\_\_\_  
Proposed Contractor M. E. Carper Well Service  
Address P. O. Box 377, Reno, Ohio Phone 1-614-374-2567

16. Will Transport To Off-site Disposal Location Be Contracted Out?  
Yes X No \_\_\_\_\_  
Proposed Hauler M. E. Carper Well Service  
Address Same as above Phone \_\_\_\_\_

18. 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

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DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

**SENDER:** Complete items 1, 2, 3 and 4.  
Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1.  Show to whom, date and address of delivery.  
2.  Restricted Delivery.

3. Article Addressed to:  
*CHARLES MCCOY, JR.  
1441 INSPIRATION DRIVE  
LA JOLLA, CALIF. 92037*

4. Type of Service:  
 Registered  Insured  
 Certified  COD  
 Express Mail

Article Number  
*P144  
504537*

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee  
*Charles McCoy*

6. Signature - Agent

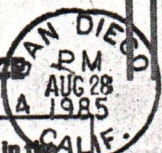
7. Date of Delivery

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, July 1983 447-845

DOMESTIC RETURN RECEIPT

UNITED STATES POSTAL SERVICE  
OFFICIAL BUSINESS



PENALTY FOR PRIVATE USE, \$300

SENDER INSTRUCTIONS

- Print your name, address, and ZIP Code in the space below.
- Complete items 1, 2, 3, and 4 on the reverse.
  - Attach to front of article if space permits, otherwise affix to back of article.
  - Endorse article "Return Receipt Requested" adjacent to number.

RETURN TO

*CHET WATERMAN*  
(Name of Sender)  
*P.O. Box 126*  
(No. and Street, Apt., Suite, P.O. Box or R.D. No.)  
*PARKERSBURG, W.VA. 26102*  
(City, State, and ZIP Code)

12/01/2023

IV-35  
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**DIVISION OF OIL & GAS  
DEPT. OF ENERGY**

**State of West Virginia**  
**Department of Mines**  
**Oil and Gas Division**

Date 12/5/85  
Operator's  
Well No. 1  
Farm Charles McCoy Heirs  
API No. 47-095-1118

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

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

LOCATION: Elevation: 630' Watershed Ohio River  
District: Lincoln County Tyler Quadrangle New Matamoras

COMPANY Sohio Shale Oil Company

ADDRESS Salt Lake City, UT 84144

DESIGNATED AGENT Chet Waterman

ADDRESS Parkersburg, WV 26101

SURFACE OWNER Charles McCoy Heirs

ADDRESS La Jolla, CA

MINERAL RIGHTS OWNER F. R. Wells Heirs

ADDRESS Sistersville, WV 26175

OIL AND GAS INSPECTOR FOR THIS WORK Robert

Lowther ADDRESS Middlebourne, WV

PERMIT ISSUED 10/7/85

DRILLING COMMENCED 10/15/85

DRILLING COMPLETED 10/20/85

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.	61'	61'	---
13-10"	202	202	190 sx.
9 5/8			
8 5/8			
7	1385	1385	570 sx.
5 1/2			
4 1/2			
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Big Injun Depth 1390 feet

Depth of completed well 1465 feet Rotary X / Cable Tools \_\_\_\_\_

Water strata depth: Fresh 60 feet; Salt --- feet

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

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth 1390 feet

Gas: Initial open flow 50 Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow Show Mcf/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ hours

Static rock pressure 10 psig (surface measurement) after 24 hours shut in

(If applicable due to multiple completion--)

Second producing formation \_\_\_\_\_ Pay zone depth 12/01/2023 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)

TYLER 1118

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

NONE

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Dirt			0	20	
Shale			20	50	
Sand			50	60	Water
Shale			60	227	
Sand			227	238	
Shale			238	249	
Sand			249	282	
Shale			282	495	
Sand			495	504	
Shale			504	599	
Sand			599	615	
Shale			615	763	
Sand			763	797	
Sand & Shale			797	860	
Shale			860	947	
Sand			947	963	
Shale			963	1120	
Sand			1120	1187	
Shale			1187	1263	
Big Lime			1263	1295	
Keener			1295	1363	
Shale			1363	1390	
Big Injun			1390	1465	Oil & Gas
TOTAL DEPTH				1495	

(Attach separate sheets as necessary)

Well Operator

By: *John Waterman*

12/01/2023

Date: 12/6/85

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

(10-7-85)

WELL TYPE \_\_\_\_\_  
ELEVATION \_\_\_\_\_  
DISTRICT Lincoln  
QUADRANGLE \_\_\_\_\_  
COUNTY Tyler

API# 47- 095 - 1118  
OPERATOR Sohis shale oil co  
TELEPHONE \_\_\_\_\_  
FARM mc coy Hrs  
WELL # 1

SURFACE OWNER \_\_\_\_\_ COMMENTS \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
TARGET FORMATION \_\_\_\_\_ DATE APPLICATION RECEIVED \_\_\_\_\_  
DATE STARTED \_\_\_\_\_  
LOCATION \_\_\_\_\_ NOTIFIED \_\_\_\_\_ DRILLING COMMENCED \_\_\_\_\_

ENERGY  
OIL AND GAS

WATER DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
COAL DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

APR 23 1986

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 \_\_\_\_\_ fill up  
TD \_\_\_\_\_ feet on \_\_\_\_\_

PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: \_\_\_\_\_ Type \_\_\_\_\_  
Field analysis ph \_\_\_\_\_ fe \_\_\_\_\_ cl \_\_\_\_\_  
Well Record received \_\_\_\_\_

Date Released Apr 16, 1986

R.A. Lawther 12/01/2023  
Inspector's signature



API# 47 \_\_\_\_\_ - \_\_\_\_\_

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
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15				
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19				
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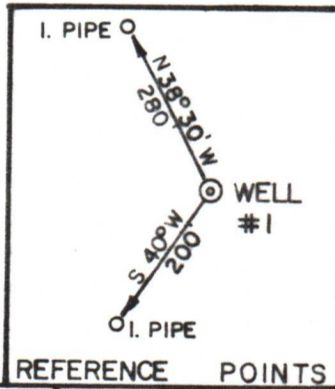
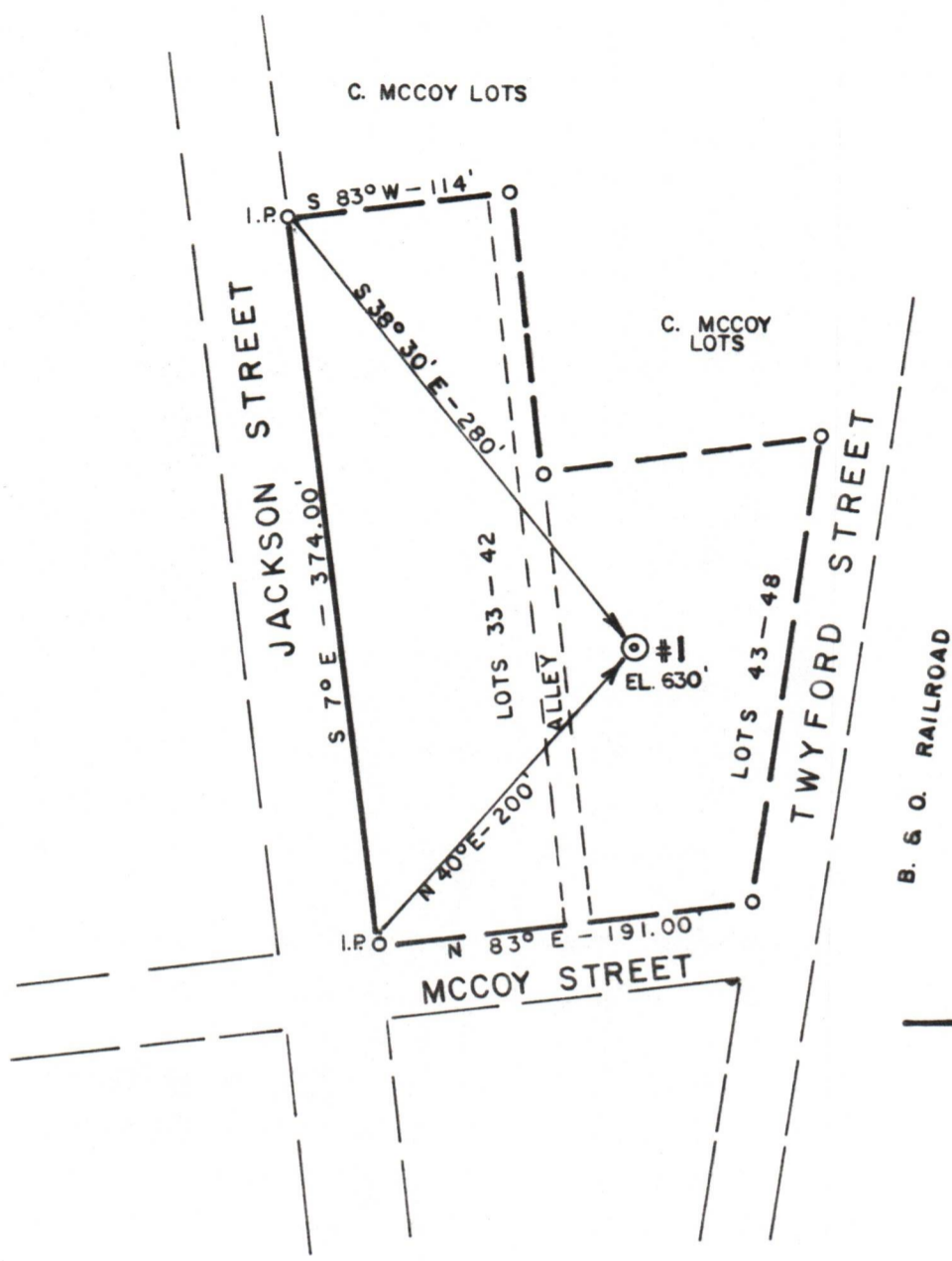
Notes

3610' WEST

LATITUDE 39° 35' 00"

LONGITUDE 81° 00' 18"

NORTH



\* N. B. NO HOUSES WITHIN 200' OF LOCATION

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

FILE NO. 85-573

DRAWING NO. \_\_\_\_\_

SCALE 1" = 100'

MINIMUM DEGREE OF ACCURACY 1'/200'

PROVEN SOURCE OF ELEVATION U.S.B.M. ON R.R. TRACKS (633')

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) Chet Waterman

R.P.E. 3788 L.L.S. \_\_\_\_\_



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION



DATE 8/14, 1985

OPERATOR'S WELL NO. 1

API WELL NO. 47-095-1118

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

LOCATION: ELEVATION 630' WATERSHED OHIO RIVER

DISTRICT LINCOLN COUNTY TYLER

QUADRANGLE NEW MATAMORAS

SURFACE OWNER CHARLES MCCOY HEIRS ACREAGE 1.58

OIL & GAS ROYALTY OWNER F. R. WELLS HEIRS LEASE ACREAGE 443 12/01/2023

LEASE NO. \_\_\_\_\_

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

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_

TARGET FORMATION BIG INJUN ESTIMATED DEPTH 1600'

WELL OPERATOR SOHIO SHALE OIL CO. DESIGNATED AGENT CHET WATERMAN

ADDRESS 50 S. MAIN ST., SUITE 930 SALT LAKE CITY, UTAH 84144 ADDRESS 1704-18TH STREET PARKERSBURG, WV 26101

COUNTY NAME

PERMIT