



1) Date: June 27, 1984
 2) Operator's Well No. Division # 2
 3) API Well No. 47 - 085 - 7098
 State County Permit

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

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow)
- 5) LOCATION: Elevation: 930' 930' Watershed: Ben Run LKH 10 G
 District: Grant 2 County: Putnam Quadrangle: Emira 275
- 6) WELL OPERATOR: Western Boone Oil & Gas LTD. 7) DESIGNATED AGENT D.P. Spencer
 Address 7845 Emerson Ave 53025 Address same
Parkersburg, WVa 26101
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Sam Herman Name unknown
 Address P.O. Box 66 Address _____
Smithville, WVa 26178
- 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, Marcellus shale
 12) Estimated depth of completed well, 5990' 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

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 JUL 30 1984
 OIL & GAS DIVISION
 DEPT. OF MINE

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		42 lb	X		175'	175'	CTS	Kinds by rule 15.05
Fresh water									
Coal						1030'	1030'		Sizes by rule 15.05
Intermediate	8 5/8		23 lb	X		1030'	1030'	CTS	
Production	4 1/2		10.50 lb	X		5990'	5990'	350	Depths set
Tubing								mass reg	by rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-085-7098 Date August 6 1984

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 August 6, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>170</u> BLANKET	Agent: <input checked="" type="checkbox"/> <u>ls</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>358</u>
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[Signature]
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

1) Date: _____
 2) Operator's Well No.: _____
 3) API Well No.: _____
 State: _____ County: _____
 District: _____
 Elevation: _____
 Production: _____
 B (L) Gas: _____
 Location: _____
 Well Operator: _____
 Designated Agent: _____
 Address: _____
 Drilling Contractor: _____
 Name: _____
 Address: _____
 Drill Depth: _____
 Proposed Well Work: _____
 Geological Target Formation: _____
 Estimated depth of completed well: _____
 Approximate true depth: _____
 Approximate coal seam depth: _____
 Casing and Tubing Program: _____

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	Blat	Casing	Fee
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12/29/2023



IV-9
(Rev 8-81)

DATE 7/11/84

WELL NO. #2 Dickson

State of West Virginia API NO. 17-085-7098

Department of Mines
Oil and Gas Division Telephone 348-2057

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Western Reserve O & G DESIGNATED AGENT D.E. Spencer
Address 7845 Emerson Ave., Parkersburg Address Same
Telephone 464-4353 Telephone 464-4353
LANDOWNER R.R. Dickison SOIL CONS. DISTRICT Little Kanawha
Revegetation to be carried out by D.E. Spencer (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections
and additions become a part of this plan: 7-18-84
(Date)

Garrett Newton
(SCD Agent)

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ACCESS ROAD

LOCATION OIL & GAS DIVISION
DEPT. OF MINES

Structure <u>Cross Drains (3)</u> (A)	Structure <u>Temporary Diversion Ditch(1)</u>
Spacing <u>.135' Apart</u>	Material <u>Soil</u>
Page Ref. Manual <u>2-4</u>	Page Ref. Manual <u>2-12</u>
Structure <u>Culvert</u> (B)	Structure <u>Rip Rap</u> (2)
Spacing <u>0-5% grade 250' max</u>	Material <u>Rock</u>
Spacing <u>6-10%+ grade 150' max</u>	Page Ref. Manual <u>N/A</u>
Page Ref. Manual <u>2-7</u>	
Structure <u>Open Ditch</u> (C)	Structure _____ (3)
Spacing <u>Along side of access road</u>	Material _____
Page Ref. Manual <u>2-12</u>	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 500 lbs/acre
(10-20-20 or equivalent)

Mulch Hay 2 Tons/acre

Seed* K-31 Fescue 35 lbs/acre
Redtop 10 lbs/acre
Ladino Clover 5 lbs/acre

Lime 3 Tons/acre
or correct to pH 6.5

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

Mulch Hay 2 Tons/acre

Seed* K-31 Fescue 35 lbs/acre
Redtop 10 lbs/acre
Ladino Clover 5 lbs/acre

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

PLAN PREPARED BY Robert Davis

ADDRESS Rt. 2 Box 23

Camden W.V. 26338

PHONE NO. 269-3497

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

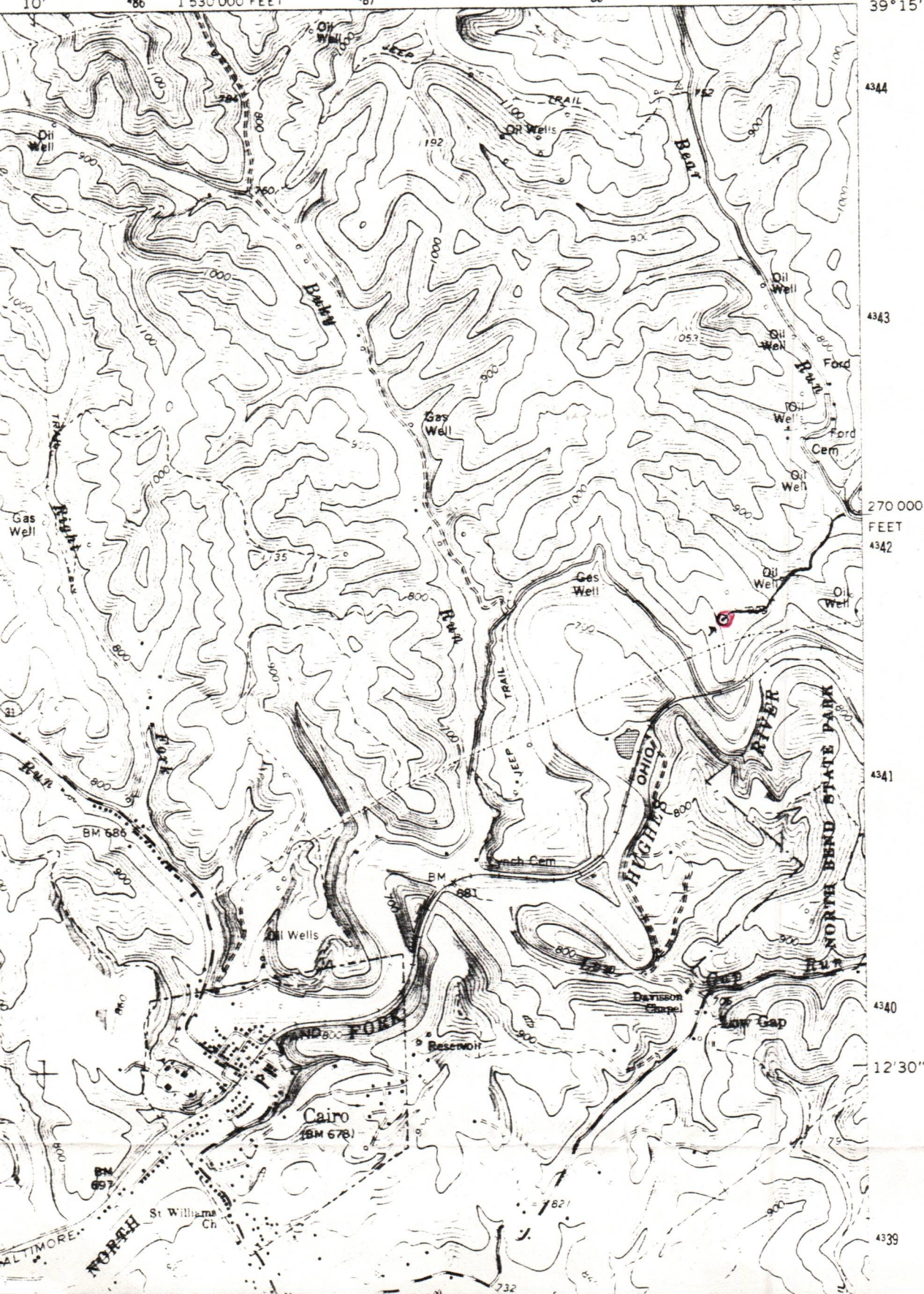
12/29/2023

085-7098

CAIRO QUADRANGLE
WEST VIRGINIA-RITCHIE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 HARRISVILLE 15' QUADRANGLE

4762 1 SE
(ELLENBORO)

10' 486 1 530 000 FEET 487 488 489 81° 07' 30" 39° 15'



12/29/2023

1) Date: July 10, 1984
2) Operator's Well No. Dickison # 2
3) API Well No. 47 OPS - 7098
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 Richard R. + Barbara A. Dickison
Address Meadow Lane
Barnwell, S.C.
- (ii) Name _____
Address _____
- (iii) Name _____
Address _____
- 5(i) COAL OPERATOR N/A
Address _____
- 5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Same as oil & Gas
Address _____
Name _____
Address _____
- 5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

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

- 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;
- The plat (surveyor's map) showing the well location on Form IV-6; and
- 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.

RECEIVED
JUL 30 1984

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

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 Donna E. Spencer this 10 day of July, 1984. My commission expires 1-26, 1994.

Lucy Lee Munlock
Notary Public, Wood County,
State of West Virginia

WELL OPERATOR Western Reserve Oil & Gas Company, Ltd.
By Donna E. Spencer
Its Designated Agent
Address 1845 Emerson Ave.
Parkersburg, W. Va. 26101
Telephone 304-464-4353

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 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</u>	<u>Page</u>
Richard R. + Barbara A. Dickison -	1983 Western	12.5 R	170	570
	Employee's Trust			
1983 Western Employee's -	Magna Energy Corporation			173/86
Trust				
Magna Energy Corporation -	1983 Western Reserve			
	Oil + Gas Co., Ltd.			

12/29/2023



1) Date: _____, 19____
 2) Operator's Well No. Division # 2
 3) API Well No. 47
 State _____ County _____ Permit _____

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

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: 1090 930' Watershed: _____
 District: _____ County: _____ Quadrangle: _____
- 6) WELL OPERATOR _____ 7) DESIGNATED AGENT D. E. Spencer
 Address _____ Address same
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name _____ Name unknown
 Address _____ 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, _____
- 12) Estimated depth of completed well, _____ feet
- 13) Approximate trata depths: Fresh, _____ feet; salt, _____ feet.
- 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No _____
- 15) CASING AND TUBING PROGRAM

RECEIVED
 JUL 30 1984

OIL & GAS DIVISION
 DEPT. OF MINES

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	1 3/4		12.6	X		175'	175'	175	Kinds
Fresh water									
Coal						1030'	1030'		Sizes
Intermediate	2 1/2		31.6	X		1390	1390	175	Depths set
Production	1 1/2		12.5	X		570'	570'	200	
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 plat 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 those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____
 By _____
 Its _____ Date _____

Richard R. Dickinson Date: 7/24/84
 (Signature)
Barbara A. Dickison Date: 7-24-84
 (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.



IV-35
(Rev 8-81)

RECEIVED
SEP 17 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date September 13, 1984
Operator's
Well No. #2
Farm Dickinson
API No. 47-085 - 7098

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 930 Watershed Bear Run
District: Grant County Ritchie Quadrangle Cairo 7.5

COMPANY Western Reserve Oil & Gas
ADDRESS 7845 Emerson Avenue, Parkersburg, WV
DESIGNATED AGENT D. E. Spencer
ADDRESS 7845 Emerson Avenue, Parkersburg, WV
SURFACE OWNER Richard Dickinson
ADDRESS Meadow Lane, Barrell, SC
MINERAL RIGHTS OWNER Richard Dickinson
ADDRESS Meadow Lane, Barrell, SC
OIL AND GAS INSPECTOR FOR THIS WORK Sam
Hersman ADDRESS Box 66 Smithville, WV
PERMIT ISSUED August 6, 1984
DRILLING COMMENCED August 7, 1984
DRILLING COMPLETED August 12, 1984
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.			
10 1/8 11 3/4"	40'	0	None
9 5/8			
8 5/8	1148'	1148'	300 sks
7			
5 1/2			
4 1/2	5154'	5154'	488 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 2409-5154 feet
Depth of completed well 5154 feet Rotary X / Cable Tools _____
Water strata depth: Fresh ---- feet; Salt ---- feet
Coal seam depths: n/a Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 3474-5184 feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 100 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 6 hours
Static rock pressure 400 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth 12/29/2023 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)

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

Stage 1	4810-5184	19 Holes	1,000,000 Cubic feet N ₂	500 Gal. HCL
Stage 2	4020-4795	44 Holes	1,000,000 Cubic feet N ₂	500 Gal. HCL
Stage 3	3770-4011	19 Holes	1,000,000 Cubic feet N ₂	500 Gal. HCL

12/29/2023

... 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
AUG 13 1984

INSPECTOR'S WELL REPORT

Permit No. 85-7098

OIL & GAS DIVISION
DEPT. OF MINES

Company <u>Western Reserve Oil & Gas Ltd</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>R. Dickerson</u>	16			Kind of Packer _____
Well No. <u>2</u>	13			
District <u>Grant</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>8-7-84</u>	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 <u>560'</u> 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 _____

Gene Stalvaker #5 Tool Pusher Frank Amos

Remarks: Visit - 1124 foot deep - Pit OK

Found reclamation plan did not correspond with road built to location, Road very steep but does not show this on rec. plan.

8-8-84
DATE

Samuel N. Hersman
DISTRICT WELL INSPECTOR

Fresh water _____ feet _____ feet _____ FEET _____ INCHES _____ FEET _____ INCHES

Salt water _____ feet _____ feet _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

12/29/2023

Remarks: m 8-8-84 ran 1148 foot of 8 5/8" casing - Howsco ran 300 sacks cement.

With Greg Henger (D.N.R.) checked grade to above well, rec. plan states that 500 foot is 0% - 4% and 225' is 5% to 7% - Found part of road is 27% Plus May have road changed because all of road is steep and will be very difficult to maintain

8-9-84
DATE

Samuel N. Hersman
DISTRICT WELL INSPECTOR

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

RECEIVED

AUG 21 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 085-7098

Oil or Gas Well _____
(KIND)

Company <u>WESTERN RESERVIR</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>R.P. Dickinson</u>	16			Kind of Packer _____
Well No. <u>Two</u>	13			
District <u>GRANT</u> County <u>Ritchie</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: T.O. Report
Visit Site. T.O. Hole. At, 5214' TAN, 5154 OF
4 1/2 258 ST'S tail in with 230 - STS
None

8-13-84
DATE

Mike Underhill
12/29/2023
DISTRICT WELL INSPECTOR



RECEIVED

DEC 4 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
October 17, 1984

COMPANY Western Reserve Oil & Gas
7845 Emerson Avenue
Parkersburg, West Virginia 26101

PERMIT NO 085-7098
FARM & WELL NOR. Dickinson #2
DIST. & COUNTY Grant/Ritchie

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

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

SIGNED Samuel N. Hersman

DATE 11-28-84

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

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

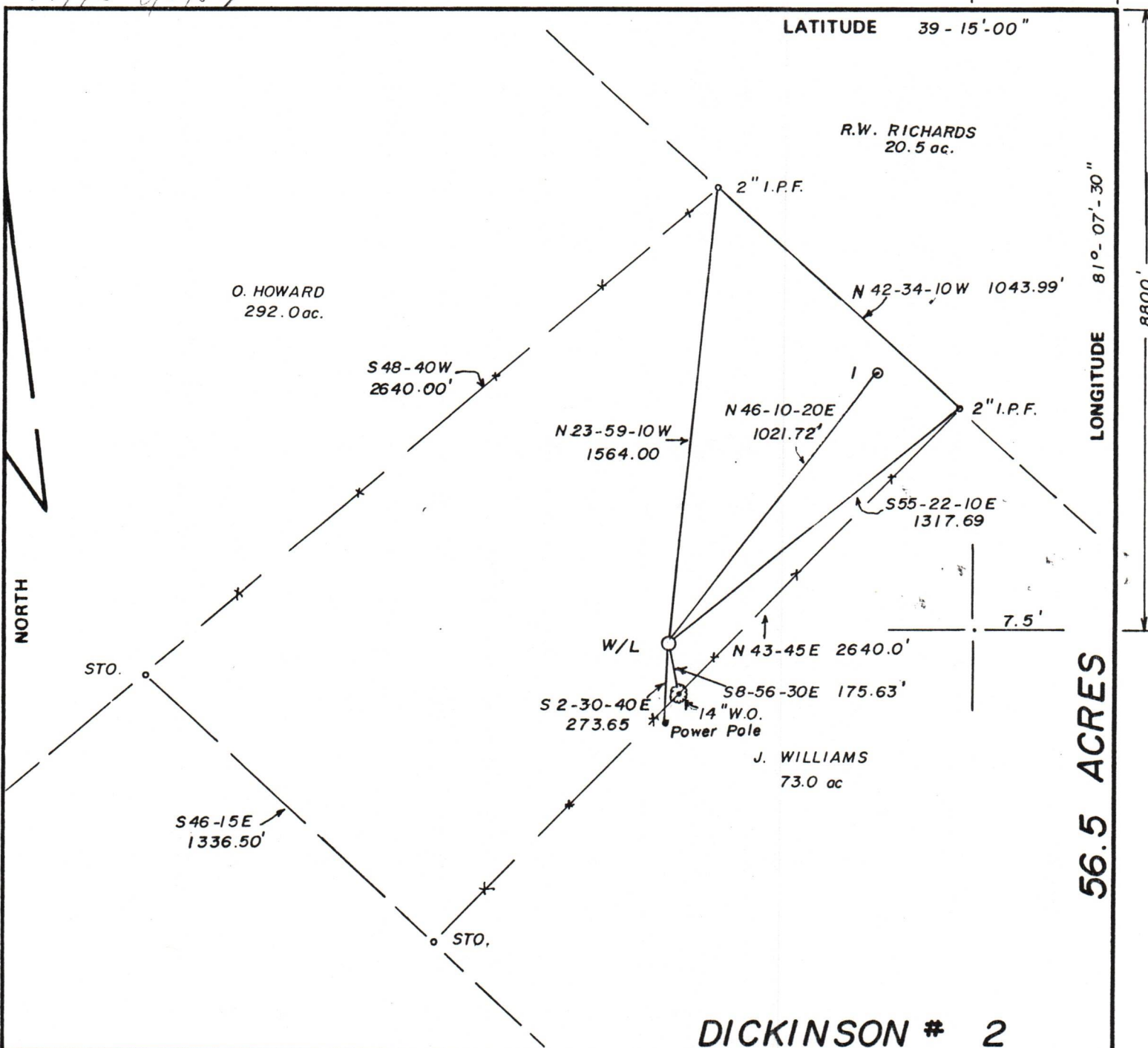
January 4, 1985

DATE

12/29/2023

7112 8/2/84

2050'



LATITUDE 39-15'-00"

R.W. RICHARDS
20.5 ac.

O. HOWARD
292.0 ac.

LONGITUDE 81°-07'-30"

56.5 ACRES

DICKINSON # 2

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200'
 PROVEN SOURCE OF ELEVATION PROVEN ELEV = 999 TOP OF POINT

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) Walter G. Dickerson
 R.P.E. 5112 L.L.S. _____

PLACE SEAL HERE

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



DATE JULY 9, 1984
 OPERATOR'S WELL NO. 2
 API WELL NO. 47-085-7098
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 930 WATER SHED NORTH FORK HUGHES RIVER
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE CAIRO 7.5'
 SURFACE OWNER R. DICKINSON ACREAGE 56.5'
 OIL & GAS ROYALTY OWNER R. DICKINSON LEASE ACREAGE 56.5 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 DEVONIAN SHALE ESTIMATED DEPTH 5900'
 WELL OPERATOR WESTERN RESERVE OBG CO. DESIGNATED AGENT D.E. SPENCER
 ADDRESS 7845 EMERSON AVEN. PARKERSBURG W.Va ADDRESS SAME

RIT 7098

12/29/2023