

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL **DEEPEN**

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

5. LEASE DESIGNATION AND SERIAL NO.
U-02510-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
White River **N/A**

8. FARM OR LEASE NAME, WELL NO.
WV 14W-4-8-22

9. API WELL NO.
43047-3400e

10. FIELD AND POOL, OR WILDCAT
White River
UNDESIGNATED

11. SEC., T., R., M., OR BLK AND SURVEY OR AREA
SEC. 4, T8S, R22E, SLB&M

2. NAME OF OPERATOR
Shenandoah Energy Inc.

3. ADDRESS AND TELEPHONE NO. Phone: **435-781-4341** 11002 East 17500 South Vernal, Utah 84078
Fax: **435-781-4329**

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
660' FSL, 2321' FWL, SESW
At proposed prod. Zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
9 miles West of Redwash Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. Unit line if any)	660' ±	16. NO. OF ACRES IN LEASE 907.83	17. NO. OF ACRES ASSIGNED TO THIS WELL 40
--	---------------	--	---

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.	1000' ±	19. PROPOSED DEPTH 8173'	20. ROTARY OR CABLE TOOLS Rotary
---	----------------	------------------------------------	--

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5173.5' GR

22. APPROX. DATE WORK WILL START*
A.S.A.P

23. PROPOSED CASING AND CEMENTING PROGRAM
REFER TO S.O.P.

Shenandoah Energy Inc. proposes to drill a well to 8173' to test the Wasatch. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

Operation will be according to the Standard Operating Procedures for the Wonsita Valley Federal Unit, the Gypsum Hills Unit and surrounding areas Wasatch wells.

See Onshore Order No. 1 attached.

Please be advised that Shenandoah Energy Inc. is considered to be the operator of the above mentioned well. Shenandoah Energy Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. 0969. The principal is Shenandoah Energy Inc. via surety as consent as provided for in 43 CFR 3104.2.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventor program if any.

24
SIGNED *John Busch* **John Busch** TITLE Red Wash Operations Representative DATE 3/26/01

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _____ TITLE _____ DATE _____

RECEIVED

MAR 28 2001

DIVISION OF
OIL, GAS AND MINING

*See Instructions On Reverse Side

CONFIDENTIAL

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Shenandoah Energy Inc.

April 10, 2001

Division of Oil, Gas & Mining
1594 W. North Temple, STE 1210
Salt Lake City, UT 84114

Attention: Lisha Cordova

Dear Lisha:

The enclosed is copies of revised paperwork on the following wells:

WV #3W-5-8-22 – We changed the road and pipeline to stay on the lease to avoid a Rights-of-Way (2 copies of the Topo B & Topo D map).

WV #14W-4-8-22 – Revised cover page to change the unit & field name to the White River 2 copies enclosed.

If you have any questions please contact Raleen Searle (435) 781-4309.

Sincerely,

A handwritten signature in cursive script that reads "Raleen Searle".

Raleen Searle
Administrative Assistant

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

U-02510-A

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

1a. TYPE OF WORK

DRILL

DEEPEN

7. UNIT AGREEMENT NAME

WHITE RIVER

b. TYPE OF WELL

OIL WELL

GAS WELL

OTHER

SINGLE ZONE

MULTIPLE ZONE

8. FARM OR LEASE NAME, WELL NO.

WV 14W-4-8-22

2. NAME OF OPERATOR

Shenandoah Energy Inc.

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9. API WELL NO.

3. ADDRESS AND TELEPHONE NO. Phone: 435-781-4341
Fax: 435-781-4329

11002 East 17500 South
Vernal, Utah 84078

10. FIELD AND POOL, OR WILDCAT

WHITE RIVER

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

660' FSL, 2321' FWL, SESW
At proposed prod. Zone

4444942 N
632303 E

11. SEC., T., R., M., OR BLK
AND SURVEY OR AREA

SEC. 4, T8S, R22E, SLB&M

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

9 miles West of Redwash Utah

12. COUNTY OR PARISH

Utah

13. STATE

Utah

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST

660' ±

16. NO. OF ACRES IN LEASE

907.83

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. Unit line if any)

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR ON THIS LEASE, FT.

1000' ±

19. PROPOSED DEPTH

8173'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5173.5' GR

22. APPROX. DATE WORK WILL START*

A.S.A.P

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REFER TO S.O.P.

Shenandoah Energy Inc. proposes to drill a well to 8173' to test the Wasatch. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

Operation will be according to the Standard Operating Procedures for the Wonsits Valley Federal Unit, the Gypsum Hills Unit and surrounding areas Wasatch wells. White River Unit being added per BLM 4-12-01. fe

See Onshore Order No. 1 attached.

Please be advised that Shenandoah Energy Inc. is considered to be the operator of the above mentioned well. Shenandoah Energy Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. 0969. The principal is Shenandoah Energy Inc. via surety as consent as provided for in 43 CFR 3104.2.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program if any.

24

SIGNED

John Busch

John Busch

TITLE Reg Wash, Operations Representative

DATE 3/26/01

(This space for Federal or State office use)

PERMIT NO.

43-047-34006

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or other title to these rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

Bradley G Hill

BRADLEY G. HILL
RECLAMATION SPECIALIST

DATE 04-30-01

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

APR 12 2001

DIVISION OF
OIL, GAS AND MINING

*Federal Approval of this
Action is Necessary*

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

April 27, 2001

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2001 Plan of Development White River Unit,
Uintah County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2001 within the White River Unit, Uintah County, Utah.

Api Number	Well	Location
(Proposed PZ Wasatch)		
43-047-34010	6W-9-8-22	Sec. 9, T8S, R22E 1981 FNL 2249 FWL
43-047-34006	14W-4-8-22	Sec. 4, T8S, R22E 0660 FSL 2321 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - White River Unit
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:4-27-1

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>	<u>Prod. Phase Anticipated</u>
Uinta	Surface	
Green River	3033'	
Mahogany Ledge	3828'	
Mesa	6473'	
TD (Wasatch)	8173'	Gas

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Wasatch	8173'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

3. Anticipated Bottom Hole Pressures

Maximum anticipated bottom hole pressure equals approximately 3309.2 psi.

**GLEN BENCH 14W-4-8-22
660' FSL, 2321' FWL
SESW, SECTION 4, T8S, R22E, SLB&M
UINTAH COUNTY, UTAH
U-02510-A**

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the GB 14W-4-8-22 on 3/14/01 at approximately 2:30 p.m. Weather conditions were sunny and windy with moderate temperatures at the time of the onsite. In attendance at the inspection were the following individuals:

Byron Tolman Bureau of Land Management
Raleen Searle Shenandoah Energy Inc.

1. Existing Roads:

The proposed well site is approximately 11.0 southwest of Red Wash, Utah. Directions to the location from Vernal, Utah:

Proceed Southwest from Red Wash, Utah \pm 1.4 miles; to the intersection of HWY 45 proceed West \pm 7.0 miles; to another intersection stay to the right heading South \pm 2.6 miles to the beginning of the proposed access road; proceed \pm 830' on existing two-track than \pm 1633' to the proposed location.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be improvements made to existing two-track road to the access roads.

2. Planned Access Roads:

Please see the Wonsits Valley Federal Unit, Gypsum Hills Unit and surrounding areas for Wasatch wells Standard Operating Procedure (SOP).

Refer to Topo Map B for the location of the proposed access road.

3. Location of Existing Wells Within a 1 – Mile Radius:

Please refer to Topo Map C.

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4. Location of Existing & Proposed Facilities:

Please see the Wonsits Valley Federal Unit, Gypsum Hills Unit and surrounding areas Wasatch wells Standard Operating Procedures (SOP).

Refer to Topo Map D for the location of the proposed pipeline.
Pipeline will be surface gas line 2" Schedule 40, Zaplocked.

5. Location and Type of Water Supply:

Please see the Wonsits Valley Federal Unit, Gypsum Hills Unit and surrounding areas Wasatch wells Standard Operating Procedures (SOP).

6. Source of Construction Materials:

Please see the Wonsits Valley Federal Unit, Gypsum Hills Unit and surrounding areas Wasatch wells Standard Operating Procedures (SOP).

7. Methods of Handling Waste Materials:

Please see the Wonsits Valley Federal Unit, Gypsum Hills Unit and surrounding areas Wasatch wells Standard Operating Procedures (SOP).

8. Ancillary Facilities:

Please see the Wonsits Valley Federal Unit, Gypsum Hills Unit and surrounding areas Wasatch wells Standard Operating Procedures (SOP).

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

As per the onsite discussions, a reserve pit liner will be required.

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10. Plans for Reclamation of the Surface:

Please see the Wonsits Valley Federal Unit, the Gypsum Hills Unit and surrounding areas Wasatch wells Standard Operating Procedures (SOP).

Seed Mix – 12lbs per acre:

4lbs – Fourwing Saltbush

4lbs – Scarlet or Muro Globe mallow

4lbs – Needle & Thread Grass

11. Surface Ownership:

The well pad and access road are located on lands owned by:

Bureau of Land Management

170 South 500 East

Vernal, Utah 84078

(435) 781-4400

12. Other Information

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A paleontological survey was not needed for this location.

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Lessee's or Operator's Representative:

John Busch
Red Wash Operations Rep.
Shenandoah Energy Inc.
11002 East 17500 South
Vernal, Utah 84078
(435) 781-4341

Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Shenandoah Energy Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Shenandoah Energy Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

John Busch

John Busch
Red Wash Operations Representative

March 26, 2001

Date

CONFIDENTIAL

ST. NANDOAH ENERGY INC.

WV #14W-4-8-22

**LOCATED IN UINTAH COUNTY, UTAH
SECTION 4, T8S, R22E, S.L.B.&M.**



PHOTO: VIEW OF PROPOSED LOCATION



PHOTO: VIEW FOM BEGINNING OF PROPOSED ACCESS

Tri-State Land Surveying Inc.
38 West 100 North, Vernal, UT 84078
435-781-2501 tristate@casilink.com

LOCATION PHOTOS

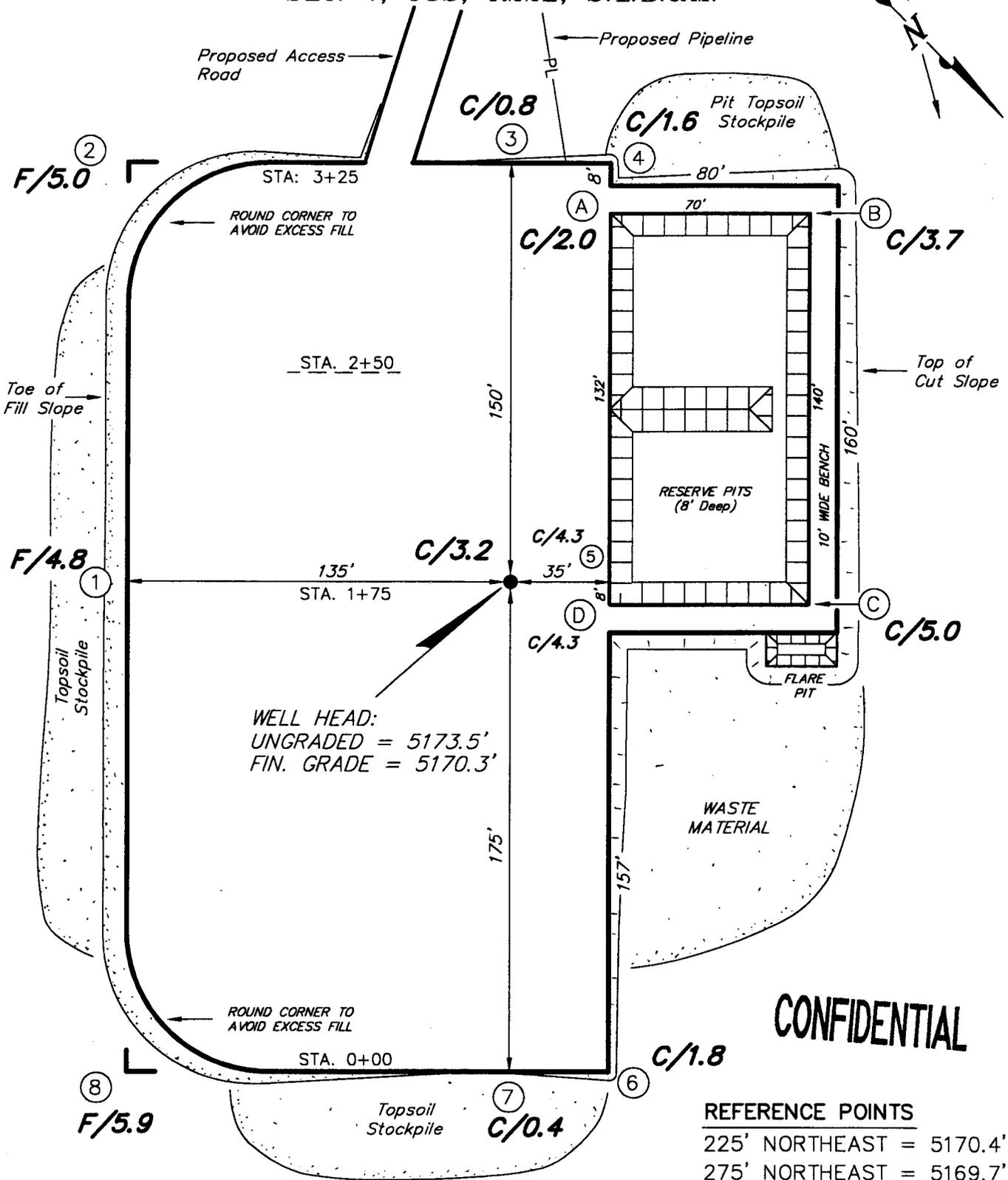
Drawn By: SS

Date: 3-7-01

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SHENANDOAH ENERGY, INC.

WONSITS VALLEY #14W-4-8-22
SEC. 4, T8S, R22E, S.L.B.&M.



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REFERENCE POINTS

225' NORTHEAST =	5170.4'
275' NORTHEAST =	5169.7'
185' SOUTHEAST =	5161.8'
235' SOUTHEAST =	5158.3'

REVISED: 3-27-01 J.R.S. (Well Name)

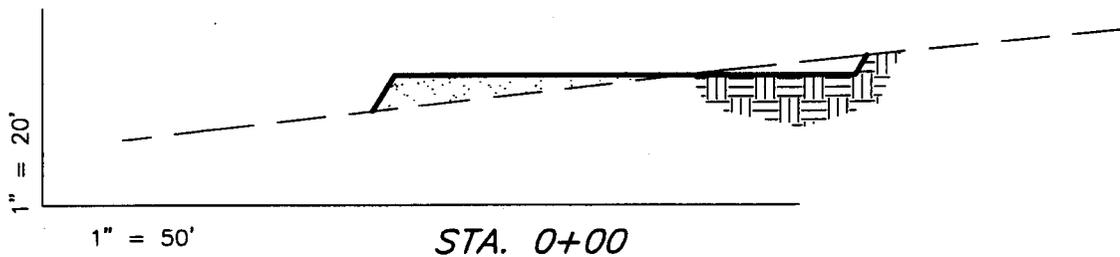
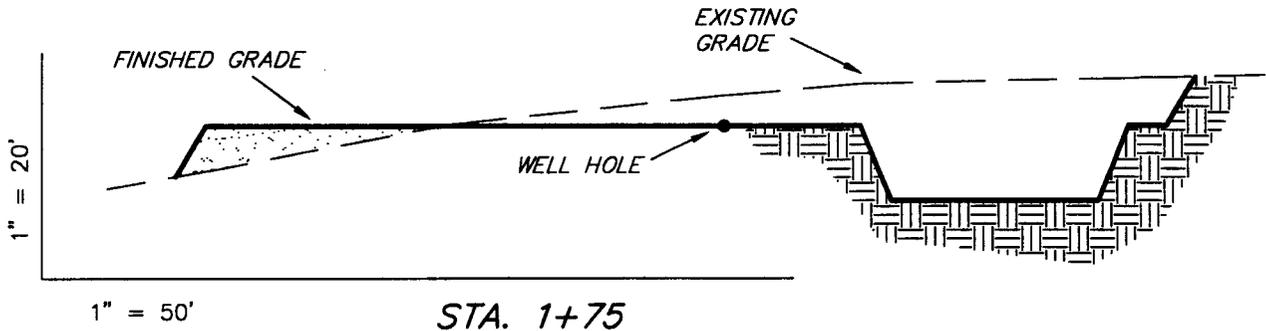
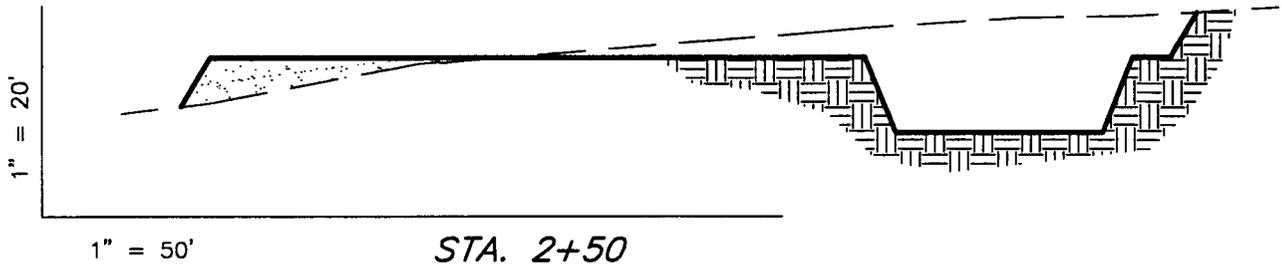
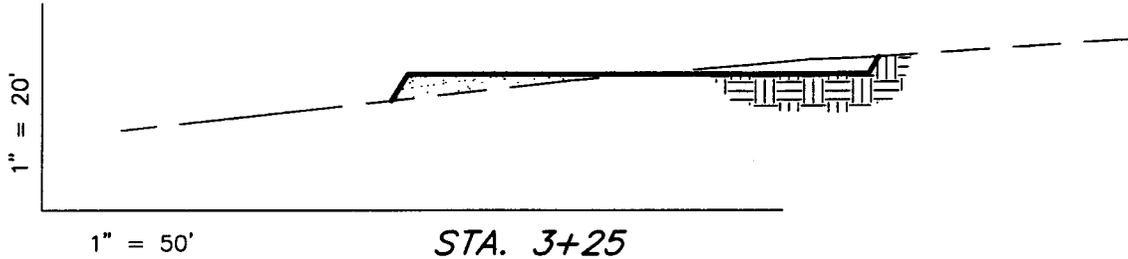
SURVEYED BY: C.D.S.	SCALE: 1" = 50'
DRAWN BY: J.R.S.	DATE: 2-28-01

Tri State
 Land Surveying, Inc. (435) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

SHENANDOAH ENERGY, INC.

CROSS SECTIONS

WONSITS VALLEY #14W-4-8-22



APPROXIMATE YARDAGES

CUT = 3,170 Cu. Yds.

FILL = 3,170 Cu. Yds.

PIT = 2,370 Cu. Yds.

12" TOPSOIL = 1,260 Cu. Yds.

REVISED: 3-27-01 J.R.S. (Well Name)

CONFIDENTIAL

SURVEYED BY: C.D.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 2-28-01

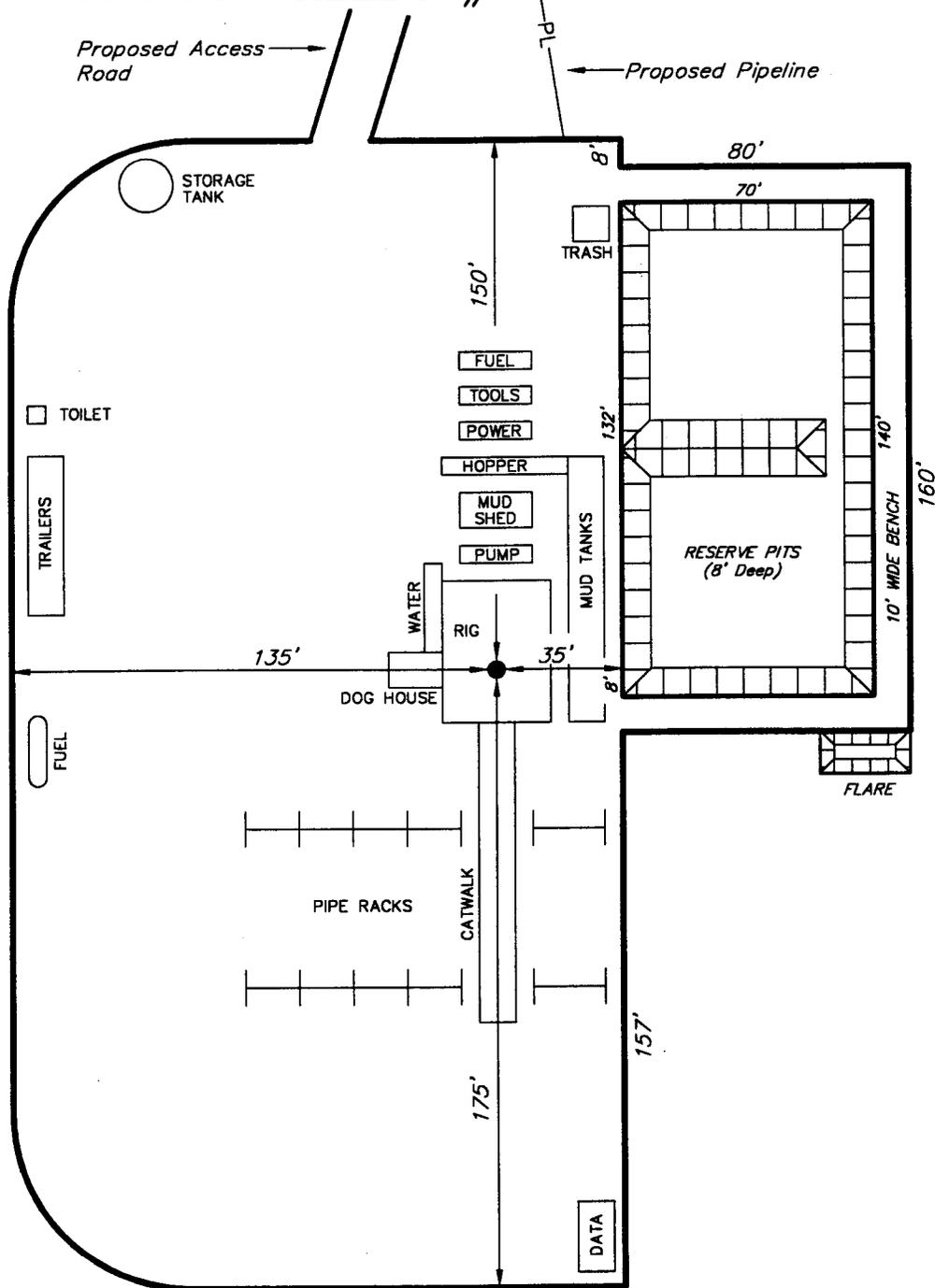
Tri State
Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078

(435) 781-2501

SHENANDOAH ENERGY, INC.

TYPICAL RIG LAYOUT

WONSITS VALLEY #14W-4-8-22



CONFIDENTIAL

REVISED: 3-27-01 J.R.S. (Well Name)

SURVEYED BY: C.D.S.

SCALE: 1" = 50'

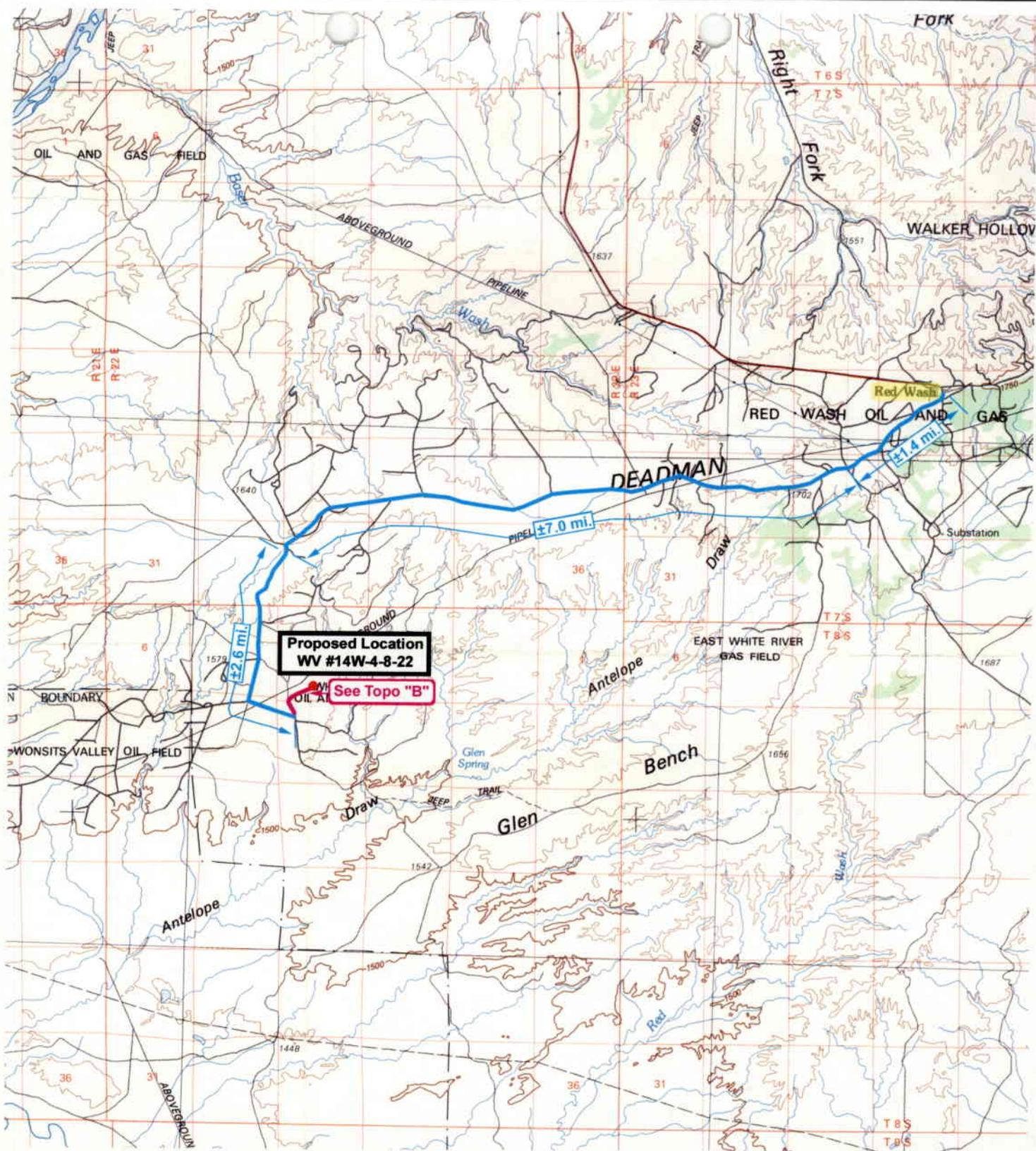
DRAWN BY: J.R.S.

DATE: 2-28-01

Tri State
Land Surveying, Inc.

(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078



**SHENANDOAH
ENERGY INC.**

**Wonsits Valley #14W-4-8-22
SEC. 4, T8S, R22E, S.L.B.&M.**



*Tri-State
Land Surveying Inc.*
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1 : 100,000
DRAWN BY: bgm
DATE: 02-27-2001

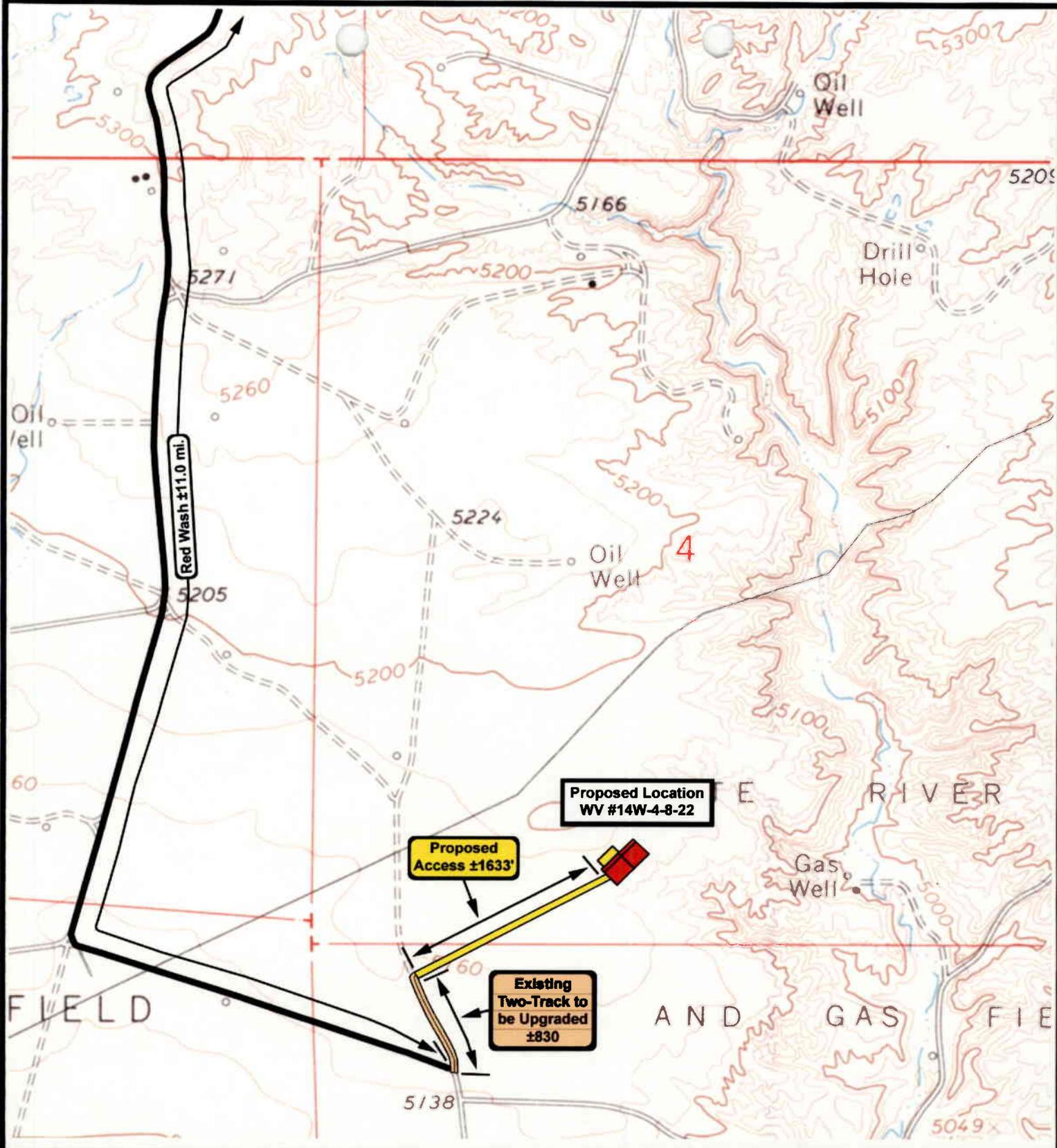
Legend

 Existing Road
 Proposed Access

TOPOGRAPHIC MAP

"A"

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**SHENANDOAH
ENERGY INC.**

**Wonsits Valley #14W-4-8-22
SEC. 4, T8S, R22E, S.L.B.&M.**



*Tri-State
Land Surveying Inc.*
(435) 781-2501

38 West 100 North Vernal, Utah 84078

SCALE: 1" = 1000'

DRAWN BY: bgm

DATE: 03-02-2001

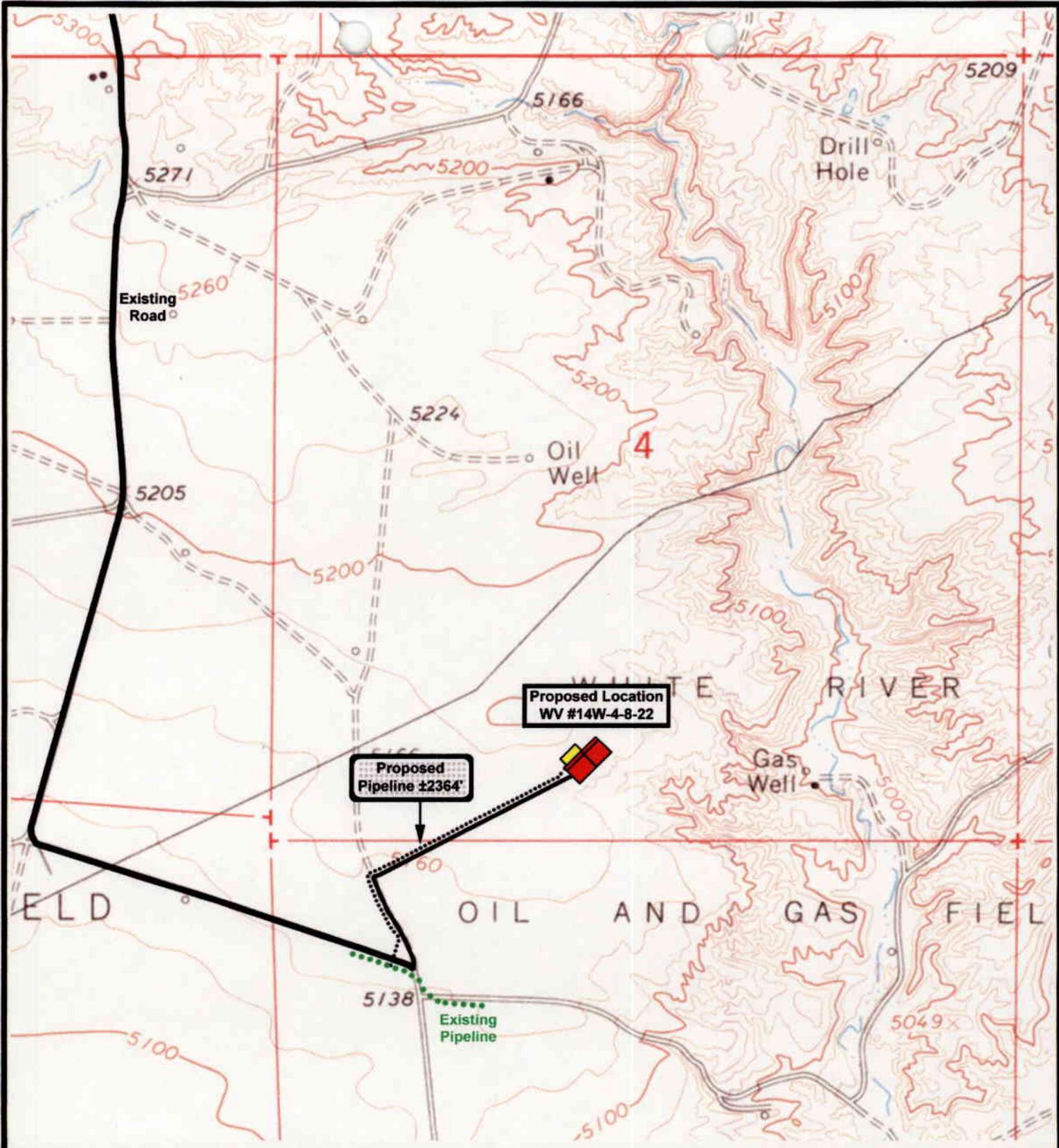
Legend

- Existing Road
- Proposed Access
- Two-Track to be Upgraded

TOPOGRAPHIC MAP

"B"

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**SHENANDOAH
ENERGY INC.**

**Wonsits Valley #14W-4-8-22
SEC. 4, T8S, R22E, S.L.B.&M.**



*Tri-State
Land Surveying Inc.*
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 1000'

DRAWN BY: bgm

DATE: 03-02-2001

Legend

- Existing Road
- Proposed Access
- Proposed Pipeline
- Existing Pipeline

TOPOGRAPHIC MAP

"D"

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**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/28/2001

API NO. ASSIGNED: 43-047-34006

WELL NAME: WV 14W-4-8-22
 OPERATOR: SHENANDOAH ENERGY INC (N4235)
 CONTACT: JOHN BUSCH

PHONE NUMBER: 435-781-4341

PROPOSED LOCATION:

SESW 04 080S 220E
 SURFACE: 0660 FSL 2321 FWL
 BOTTOM: 0660 FSL 2321 FWL
 UINTAH
 WHITE RIVER (705)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1-Federal
 LEASE NUMBER: U-02510-A
 SURFACE OWNER: 1-Federal

PROPOSED FORMATION: WSTC

RECEIVED AND/OR REVIEWED:

- Flat
- Bond: Fed^[1] Ind[] Sta[] Fee[]
(No. UT-0969)
- Potash (Y/N)
- Oil Shale (Y/N) *190-5 (B) or 190-3
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

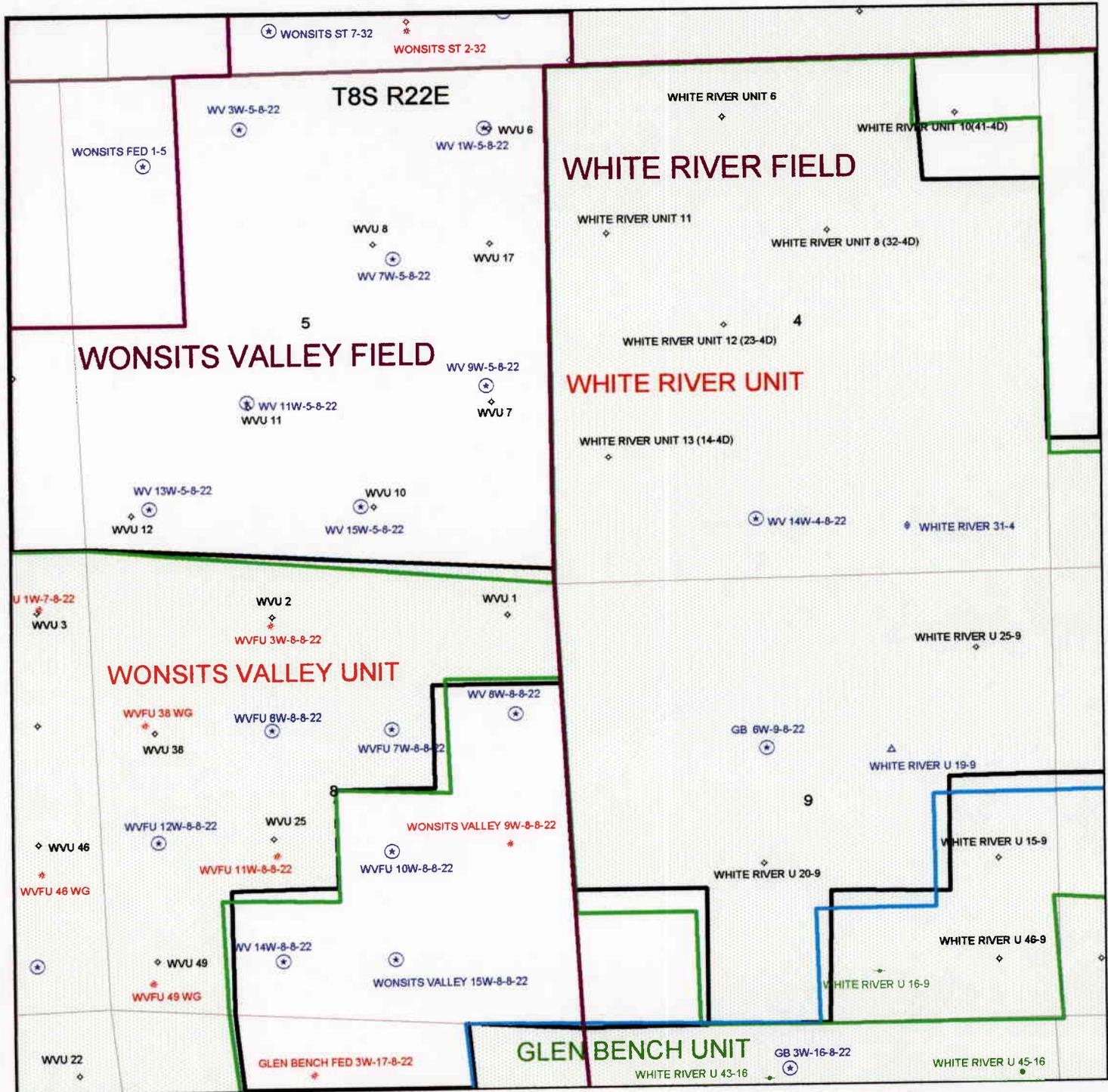
- R649-2-3. Unit WHITE RIVER
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- R649-3-11. Directional Drill

COMMENTS: SOP, separate file. *4-12-01 BLM / WRU being added to SOP.

STIPULATIONS: ① FEDERAL APPROVAL



OPERATOR: SHENANDOAH ENERGY (N4235)
 SEC. 4, T8S, R22E
 FIELD: WHITE RIVER (705)
 COUNTY: UINTAH UNIT: WHITE RIVER
 SPACING: R649-3-2/GEN ST





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

April 30, 2001

Shenandoah Energy, Inc
11002 E 17500 S
Vernal, UT 84078

Re: Wonsits Valley 14W-4-8-22 Well, 660' FSL, 2321' FWL, SE SW, Sec. 4, T. 8 South,
R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34006.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza".

John R. Baza
Associate Director

er

Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Shenandoah Energy, Inc
Well Name & Number Wonsits Valley 14W-4-8-22
API Number: 43-047-34006
Lease: U 02510-A

Location: SE SW **Sec.** 4 **T.** 8 South **R.** 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO. <p align="center">U-02510-A</p>	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME <p align="center">N/A</p>	
7. UNIT AGREEMENT NAME <p align="center">WHITE RIVER</p>	
8. FARM OR LEASE NAME, WELL NO. <p align="center">WV 14W-4-8-22</p>	
9. API WELL NO.	
10. FIELD AND POOL, OR WILDCAT <p align="center">WHITE RIVER</p>	
11. SEC., T., R., M., OR BLK AND SURVEY OR AREA <p align="center">SEC. 4, T8S, R22E, SLB&M</p>	
12. COUNTY OR PARISH <p align="center">Uintah</p>	13. STATE <p align="center">Utah</p>
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. Unit line if any) <p align="center">660' ±</p>	16. NO. OF ACRES IN LEASE <p align="center">907.83</p>
17. NO. OF ACRES ASSIGNED TO THIS WELL <p align="center">40</p>	20. ROTARY OR CABLE TOOLS <p align="center">Rotary</p>
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <p align="center">1000' ±</p>	21. ELEVATIONS (Show whether DF, RT, GR, etc.) <p align="center">5173.5' GR</p>
22. APPROX. DATE WORK WILL START* <p align="center">A.S.A.P</p>	

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL **DEEPEN**

b. TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Shenandoah Energy Inc.

3. ADDRESS AND TELEPHONE NO. Phone: **435-781-4341** **11002 East 17500 South**
Fax: **435-781-4329** **Vernal, Utah 84078**

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations.)
At surface
660' FSL, 2321' FWL, SESW
At proposed prod. Zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
9 miles West of Redwash Utah

CONFIDENTIAL

23. PROPOSED CASING AND CEMENTING PROGRAM
REFER TO S.O.P.
Shenandoah Energy Inc. proposes to drill a well to 8173' to test the Wasatch. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

Operation will be according to the Standard Operating Procedures for the Wonsits Valley Federal Unit, the Gypsum Hills Unit and surrounding areas Wasatch wells.

See Onshore Order No. 1 attached.

Please be advised that Shenandoah Energy Inc. is considered to be the operator of the above mentioned well. Shenandoah Energy Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. 0969. The principal is Shenandoah Energy Inc. via surety as consent as provided for in 43 CFR 3104.2.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program if any.

SIGNED John Busch John Busch TITLE Red Wash Operations Representative DATE 3/26/01

(This space for Federal or State office use)

NOTICE OF APPROVAL **CONDITIONS OF APPROVAL ATTACHE**

Application approval does not warrant or certify that the applicant holds legal or equitable title to these rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE Assistant Field Manager DATE 05/31/2001
Mineral Resources

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
RECEIVED
APR 10 2001
JUN 21 2001
DIVISION OF
OIL, GAS AND MINING

Revised

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Shenandoah Energy Inc.

Well Name & Number: WV #14W-4-8-22

API Number: 43-047-34006

Lease Number: U- 02510A

Location: SESW Sec. 4 T.8S R. 22E

Agreement: White River Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top behind the production casing at least 200' above the base of the usable water zone identified at $\pm 4375'$.

Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Other Information

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 789-7077 (HOME) (435) 646-1685 (PAGER)
Petroleum Engineer

Kirk Fleetwood (435) 789-6858 (HOME) (435) 646-1678 (PAGER)
Petroleum Engineer

BLM FAX Machine (435) 781-4410

B. SURFACE USE PROGRAM

-The pipeline will be zap locked on the well location and dragged into place with a backhoe, dozer, or grader, or the access road can be used as a working surface to lay the pipe.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL
FORM APPROVED

Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
SHENANDOAH ENERGY INC

3. Address and Telephone No
11002 E. 17500 S. VERNAL, UT 84078-8526 (435) 781-4341

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL, 2321' FWL, SLBM, SESW
TOBS R22E SEC 04

5. Lease Designation and Serial No.
U-02510-A

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
WHITE RIVER

8. Well Name and No.
WV 14W-4-8-22

9. API Well No.
43-047-34006

10. Field and Pool, or Exploratory Area
WHITE RIVER

11. County or Parish, State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>NAME CHANGE</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Shenandoah Energy Inc. proposes to change the name of the WV 14W-4-8-22 to WR 14W-4-8-22.

RECEIVED

OCT 03 2001

DIVISION OF
OIL, GAS AND MINERAL RESOURCES

14. I hereby certify that the foregoing is true and correct.
Signed **JOHN BUSCH** *John Busch* Title **OPERATIONS REPRESENTATIVE** Date **10/01/01**

(This space for Federal or State office use)
Approved by: _____ Title _____ Date _____
Conditions of approval, if any _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
U02510A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		CONFIDENTIAL	8. Well Name and No. WR 14W 4 8 22
2. Name of Operator SHENANDOAH ENERGY INC. Contact: ANN PETRIK E-Mail: apetrik@shenandoahenergy.com			9. API Well No. 43-047-34006
3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.4306 Fx: 435.781.4329	10. Field and Pool, or Exploratory WHITE RIVER	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 4 T8S R22E SESW 660FSL 2321FWL		11. County or Parish, and State UINTAH COUNTY, UT	

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

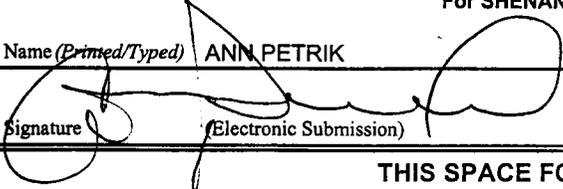
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Well Spud
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THIS WELL SPUD ON 12/13/01. DRILL 12 1/4" HOLE TO 473'. RUN 10 JNTS OF 9 5/8" CASING TO 464'.

RECEIVED
DEC 31 2001
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #9885 verified by the BLM Well Information System For SHENANDOAH ENERGY INC., sent to the Vernal

Name (Printed/Typed) ANN PETRIK	Title ADMINISTRATIVE ASSISTANT
Signature  (Electronic Submission)	Date 12/27/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ****

CONFIDENTIAL

OPERATOR: **Shenandoah Energy, Inc.**
ADDRESS: **11002 East 17500 South
Vernal, Utah 84078-8526**

OPERATOR ACCT. No. N4235

(801)781-4300

ENTITY ACTION FORM - FORM 6

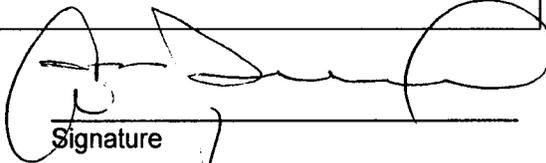
Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
B	99999	4910	43-047-34006	WR 14W 4 8 22	SESW	4	8S	22E	Uintah	12/13/01	1-2-02
WELL 1 COMMENTS: New well to be drilled in White River Unit.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)


Signature

Administrative Assistant 12/27/01
Title Date

Phone No. (801) 781-4306

RECEIVED

DEC 31 2001

DIVISION OF
OIL, GAS AND MINING

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No. U02510A
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA/Agreement, Name and/or No. WHITE RIVER
8. Well Name and No. WHITE RIVER 14W 4 8 22
9. API Well No. 43-047-34006
10. Field and Pool, or Exploratory WHITE RIVER
11. County or Parish, and State UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

CONFIDENTIAL

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	2. Name of Operator SHENANDOAH ENERGY	Contact: DAHN CALDWELL E-Mail: dcaldwell@shenandoahenergy.com
3a. Address 11002 E. 17500 S. VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.4342 Fx: 435.828.5044	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 4 T8S R22E SESW 660FSL 2321FWL		

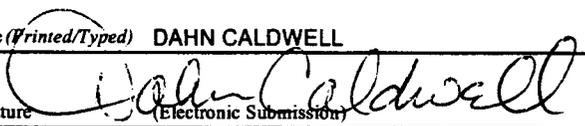
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

WELL DRY & ABANDONED ON 1/23/02.
1 - III's Representative Mike Hackney concurred with our decision to plug & abandon on 1/22/02.
2 - Did not set casing or completed - Dry & Abandoned.
Plug #1 6577' - 6253' - 138 sxs cmt
Plug #2 4420' - 4232' - 110 sxs cmt
Plug #3 3159' - 2753' - 137 sxs cmt
Plug #4 562' - 374'
Plug #5 55' - Surface

RECEIVED
FEB 05 2002
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct. Electronic Submission #10242 verified by the BLM Well Information System For SHENANDOAH ENERGY, sent to the Vernal	
Name (Printed/Typed) DAHN CALDWELL	Title AUTHORIZED REPRESENTATIVE
Signature  (Electronic Submission)	Date 02/01/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

CONFIDENTIAL

DATE: 12/18/2002

SHENANDOAH ENERGY INC

Logs not received for wells completed

API NUMBER	WELL NAME	LOGS NEEDED
43 047 34122	GB 7W 25-8-21	COMP NEUTRON TL/GR, ARRAY INDUC W/LC-GR
43 047 34531	GB 7W 30-8-22	COMP NEUTRON-DENSITY, ARRAY INDUCTION, CBL-VDL
43 047 34532	GB 8W 30-8-22	COMPENSATED NEUTRON TLD
43 047 34533	GB 9W 30-8-22	DIPOLE SONIC IMAGER COMP ENUTRON GR, CBL
43 047 33754	GB 11W 16-8-22	SPECTRAL DENSITY DSN, HRI
43 047 34039	GB 11W 20-8-22	COMP NEUTRON TL/GR, ARRAY INDUC W/LC-GR
43 047 34327	GH 1W 20-8-21	MECH SIDEWALL CRG TOOL
43 047 33848	GH 15W 21-8-21	SPECTRAL DENSITY, DUAL LATERLOG
43 047 34573	OU GB 1W 29-8-22	CMT VOL, AI W/LC-GR, COMP NEUTRON TLD
43 047 34546	OU GB 3W 29-8-22	SPECTRAL DENSITY DSN
43 047 34549	OU GB 5W 29-8-22	MECH SDWLL CRG TL
43 047 34554	OU GB 14W 29-8-22	SECTOR BOND LOG, SPECTRA SCAN IMA
43 047 33591	RWU 12-24A	SPECTRAL DENSITY, HIRES INDUCTION
43 047 33766	RWU 22-29B	SPECTRAL DENSITY, HIRES INDUCTION
43 047 33567	RWU 23-24A	SPECTRAL DENSITY, HIRES INDUCTION
43 047 33788	RWU 31-30B	CBL-VDL
43 047 33771	RWU 42-30B	CBL-VDL
43 047 34006	WR 14W 4-8-22 <i>TOBS RAGE S-04</i>	MUD LOG
43 047 34106	WV 3G 10-8-21	CBL-VDL
43 047 34390	WV 15G 5-8-22	DIPOLE SONIC IMAGER - GR/CCL
43 047 34243	WV 2W 22-8-21	HIRES INDUCTION

43 047 34144	WV 4W 13-8-21	COMPENSATED DENSITY NEUTRON, ARRAY INDUCTION
43 047 33954	WV 5W 17-8-21	SPECTRAL DENSITY, HIRES INDUCTION
43 047 34246	WV 7W 15-8-21	CBL
43 047 34065	WV 7W 36-7-21	HR INDUCTION
43 047 34456	WV 10W 5-8-22	CBL
43 047 34279	WV 12W 14-8-21	MECH SCT
43 047 34251	WV 16W 15-8-21	CBL-VDL
43 047 33662	WVFU 15G 9-8-21	COMP NEUTRON DENS, ARRAY IND, MECH CORING
43 047 33602	WVFU 1W 21-8-21	CBL-VDL
43 047 33613	WVFU 1W-24-8-21	SPECTRAL DENSITY, DUAL LATERLOG
43 047 33603	WVFU 3W-13-8-21	SPECTRAL DENSITY, DUAL LATERLOG, CBL-VDL
43 047 33957	WVFU 8W-11-8-21	CBL-VDL
43 047 33793	WVFU 8W-13-8-21	CBL/GR
43 047 33269	WVFU 9W-14-8-21	SPECTRAL DENSITY, DUAL LATERLOG
43 047 33795	WVFU 10W-13-8-21	DIPOLE SONIC, CBL
43 047 33626	WVFU 11W-18-8-22	CBL-VDL
43 047 33606	WVFU 13W-13-8-21	DIPOLE SONIC, CBL-VDL
43 047 33607	WVFU 13W-14-8-21	DIPOLE SONIC, COMP NEUTRON
43 047 33645	WVFU 16W-2-8-21	DUAL LATERLOG

From: Carol Daniels
To: raleen.searle@questar.com
Subject: Requesting logs for wells that have been completed

Hi Raleen,

I am attaching a list for logs we have not received for wells that have been completed. Any questions, please call me at 801-538-5284.

Thank you and have a Merry Christmas and a Happy New Year!

From: Carol Daniels
To: rsearle@shenandoahenergy.com
Subject: More Logs needed!

Hi,

Here is a list of more logs I need. Thanks a lot for your efforts.

GB 7W-25-8-21 - COMP NEUTRON TL/GR, ARRAY INDUC W/LC-GR
GB 8W-30-8-22 - COMP NEUTRON TLD
GB 11W-20-8-22 - COMP NEUTRON TL/GR, ARRAY INDUC W/LC-GR
GH 1W-20-8-21 - MECH SIDEWALL CRG TOOL
WV-2W-22-8-21 - SPECTRAL DENSITY, HIRES IND, CBL-VDL

I still haven't received the logs for the following wells I previously contacted you about:

WV 7W-15-8-21 - CBL
WV 7W-36-7-21 - HR INDUCTION - You had contacted Computalog and Schumberger because you were not sure which company had run the log.

WV 10W-14-8-21 - CBL/VDL/GR, HRI, SPECTRAL DENSITY DSN
WV 12W-14-8-21 - MECH SCT
WV 16W-15-8-21 - CBL-VDL
WR 14W-4-8-22 - MUD LOG

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS PROGRAM

PHONE CONVERSATION DOCUMENTATION FORM

✓ Copy?

Conversation Pertains to:

WELL WR 14W-4-8-22

OTHER

Section 4 Township 08S Range 22E

API Number 43-047-34006

Topic of Conversation: MUD LOG NOT RECEIVED FOR THIS WELL

Date of Phone Call: 7/22/2002

Time: _____

DOGMA Employee (name): CAROL DANIELS

✓ Initiated Call?

Spoke with:

Name: RALEEN SEARLE

✓ Initiated Call?

Of (company/organization): SHENANDOAH ENERGY INC Phone: (435) 781-4309

Highlights of Conversation:

MUD LOG NOT RECEIVED FOR THIS WELL. I DID RECEIVE THE "HIGH RESOLUTION INDUCTION & SPECTRAL DENSITY DSN LOGS ON 01/30/2002. RALEEN SAID SHE WOULD SEE WHAT SHE COULD DO.

Additional data for transaction #12535 that would not fit on the form

32. Additional remarks, continued

- 4 - Plug #2 - 4420' - 4232' - 110 sxs cmt
- 5 - Plug #3 - 3159' - 2753' - 137 sxs cmt
- 6 - Plug #4 - 562' - 374'
- 7 - Plug #5 - 55' - Surface

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Cog. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Cog. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
OTHER

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				G-1 LIME WASATCH TD	5747 6458 8150

32. Additional remarks (include plugging procedure):

"Confidential. Do not release well information without permission from Shenandoah Energy Inc."

Well DRY & ABANDONED ON 1/23/02.

1 - III's Representative Mike Hackney concurred with our decision to Plug & Abandon on 1/22/02.

2 - Did not set casing or completed - Dry & Abandoned.

3 - Plug #1 - 6577' - 6253' - 138 sxs cmt

33. Circle enclosed attachments:

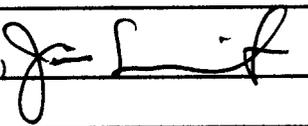
- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #12535 Verified by the BLM Well Information System.
For SHENANDOAH ENERGY, sent to the Vernal

Name (please print) JIM SIMONTON

Title COMPLETION MANAGER

Signature (Electronic Submission) 

Date 07/11/2002

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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