

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

SL-966466-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

RED WASH UNIT

8. FARM OR LEASE NAME, WELL NO.

RWU #14-13A

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT

RED WASH

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

SEC. 13, T7S, R22E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1a. TYPE OF WORK

DRILL

DEEPEN

b. TYPE OF WELL

OIL

GAS

SINGLE

MULTIPLE

WELL

WELL

OTHER

ZONE

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 requirements.)

At surface

958' FWL, 1323' FSL, SWSW

At proposed prod. Zone

4451865 N  
636704 E

Same

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

7 miles West of Redwash Utah

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST

958' ±

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

16. NO. OF ACRES IN LEASE

320

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.

500' ±

19. PROPOSED DEPTH

5963'

20. ROTARY OR CABLE TOOLS

Rotary

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

5294' 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 5963' to test the Green River. 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.

Operations will be according to the Standard Operating Procedures for the Red Wash Unit, Wonsits Valley Unit and area Green River formation 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.

24

SIGNED

John Busch

John Busch

TITLE Red Wash Operations Representative

DATE

2/12/01

(This space for Federal or State office use)

PERMIT NO.

43-047-33950

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or other 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 III

DATE

03-05-01

\*See Instructions On Reverse Side

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T7S, R22E, S.L.B.&M.

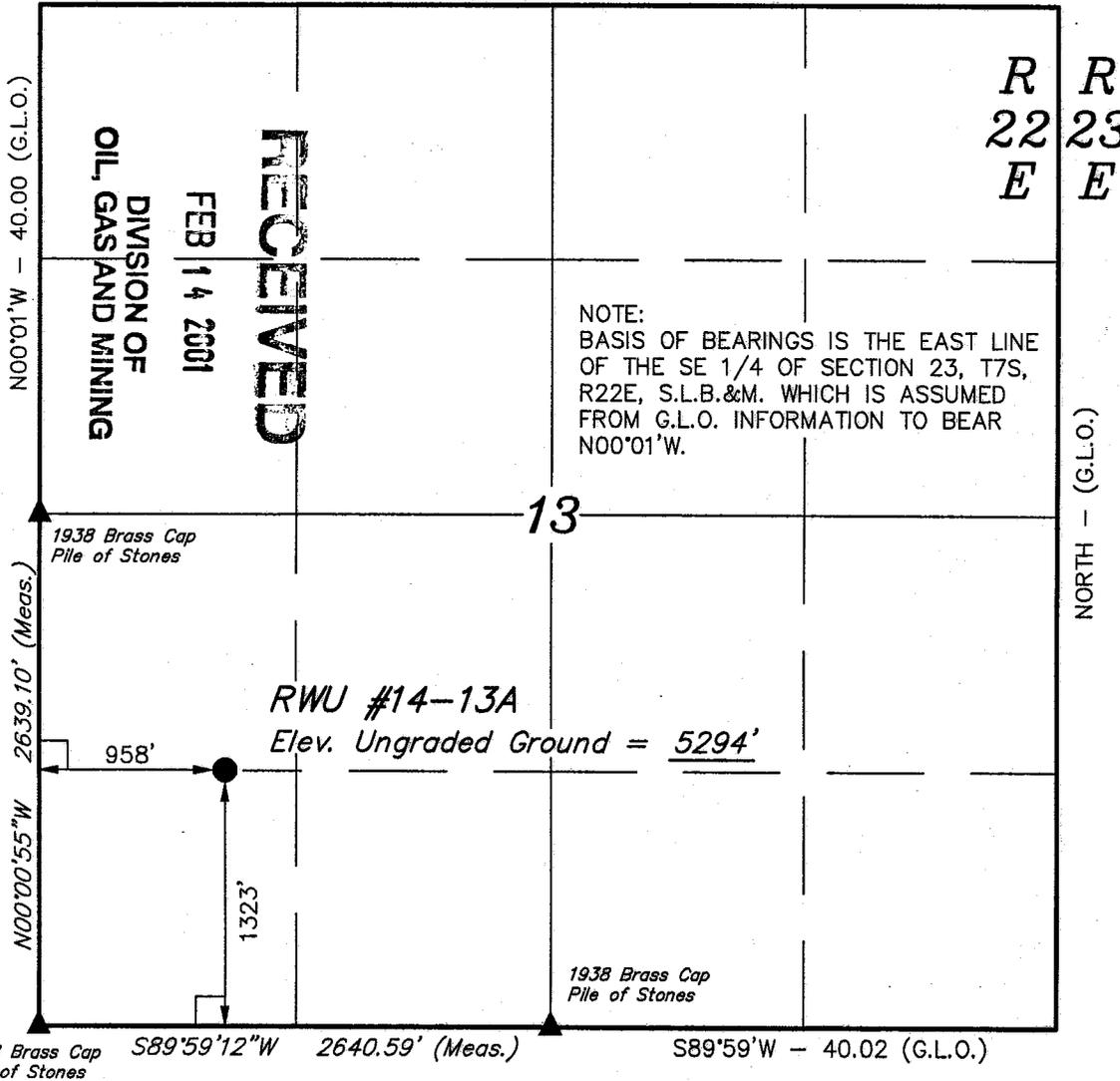
**SHENANDOAH ENERGY, INC.**

Well location, RWU #14-13A, located as  
as shown in the W 1/2 SW 1/4 of Section  
13, T7S, R22E, S.L.B.&M., Uintah County,  
Utah.

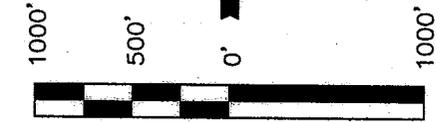
S89°59'W - 80.00 (G.L.O.)

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION  
23, T7S, R22E, S.L.B.&M. TAKEN FROM THE RED WASH NW,  
QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES  
(TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES  
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID  
ELEVATION IS MARKED AS BEING 5439 FEET.



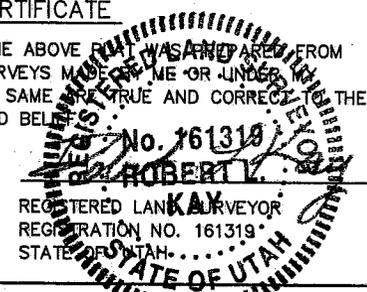
NORTH - (G.L.O.)



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.



1938 Brass Cap Pile of Stones S89°59'12"W 2640.59' (Meas.) S89°59'W - 40.02 (G.L.O.)

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

**CONFIDENTIAL**

LATITUDE = 40°12'29"  
LONGITUDE = 109°23'37"

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 01-17-01	DATE DRAWN: 01-23-01
PARTY G.S. T.A. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE SHENANDOAH ENERGY, INC.	

DRILLING PROGRAM

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	3028'	
Mahogany Ledge	3893'	
Mesa	5788'	
TD (Green River)	5963'	Oil

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	Green River	5963'

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 2385.2 psi.

4. Surface Ownership

The access road and well pad are located on lands owned by the Federal Government.

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FEB 14 2001

DIVISION OF OIL, GAS AND MINING

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MULTI-POINT SURFACE USE & OPERATIONS PLAN

SHENANDOAH ENERGY INC.  
RED WASH UNIT #14-13A  
SWSW, SECTION 13, T7S, R22E, SLB&M  
UINTAH COUNTY, UTAH

1. Plans for Reclamation of the Surface  
Per our onsite on February 1 with Byron Tolman Vernal BLM, Raleen Searle Shenandoah Energy Inc., John Busch Shenandoah Energy Inc. the following stipulations were determined. There will be a pit liner and pit will be reclaimed within 30 days of completion. There will be a seed mix 12 lbs per acre consisting of:
  - 6lbs – Shadscale
  - 6lbs – Indian Rice Grass
  
2. Other Information  
See attached maps
  - Topo map A- Access routes
  - Topo map B- Proposed Access road
  - Topo map C- Location of wells within a one mile radius
  - Topo map D- Proposed pipeline

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FEB 14 2001

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OIL, GAS AND MINING

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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

FEBRUARY 12 2001

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Date

FEB 14 2001

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OIL, GAS AND MINING

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# SHENANDOAH ENERGY, INC.

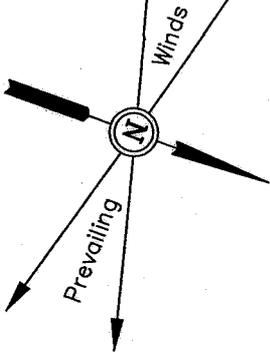
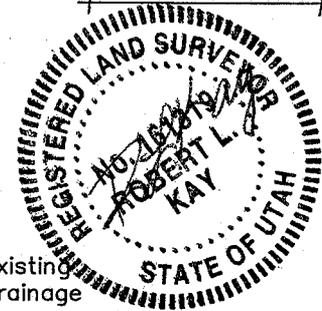
LOCATION LAYOUT FOR

RWU #14-13A

SECTION 13, T7S, R22E, S.L.B.&M.

1323' FSL 958' FWL

FIGURE #1



SCALE: 1" = 50'  
DATE: 01-23-01  
Drawn By: D.R.B.

**C-6.0'** Topsoil Stockpile  
El. 93.8' LEDGE **C-1.8'**  
El. 89.6'

**F-29.7'**  
El. 58.1'

Sta. 2+50

NOTE: COMPACT ALL FILL TO LOCATION GRADE.

NOTE: Flare Pit is to be located a min. of 100' from the Well Head.

Approx. Top of Cut Slope

Approx. Toe of Fill Slope

CONSTRUCT DIVERSION DITCH

FLARE PIT

**C-3.6'**  
El. 91.4'

PIPE RACKS

**C-6.7'**  
El. 94.5'

Sta. 1+25

**C-9.5'**  
El. 82.3'  
(btm. pit)

RESERVE PITS (15' Deep)

TOILET

**C-2.2'**  
El. 90.0'

NOTE: Total Pit Capacity W/2' of Freeboard = 7,010 Bbbls. ±  
Total Pit Volume = 1,900 Cu. Yds.

**C-20.4'**  
El. 93.2'  
(btm. pit)

Existing Drainage

10' WIDE BENCH

SLOPE 1:1

TRASH

MUD TANKS

MUD TANKS

MUD TANKS

PUMP HOUSE

DOG HOUSE

TRAILER

WATER TANK

BOILER

COMPRESSOR

BOOSTER

PROPANE STORAGE

LIGHT PLANT

RIG

PIPE TUBS

CATWALK

LEDGE

LEDGE

LEDGE

LEDGE

NOTE: COMPACT ALL FILL, UNDER LEDGE AND TO LOCATION GRADE.

Round Corners as Needed

Sta. 0+00

**C-10.4'**  
El. 98.2'

**C-10.0'**  
El. 97.8'

Spoil Stockpile **C-10.3'**  
El. 98.1'

Reserve Pit Backfill & Spoils Stockpile

**F-0.1'**  
El. 87.7'

Proposed Access Road

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**NOTES:**

Elev. Ungraded Ground At Loc. Stake = 5294.5'

FINISHED GRADE ELEV. AT LOC. STAKE = 5287.8'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

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SHENANDOAH ENERGY, INC.

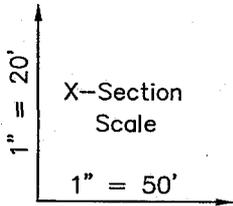
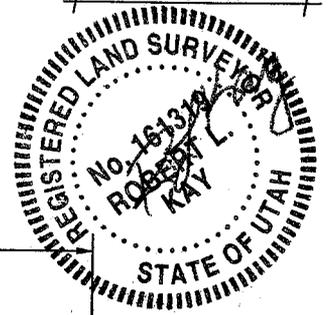
TYPICAL CROSS SECTIONS FOR

RWU #14-13A

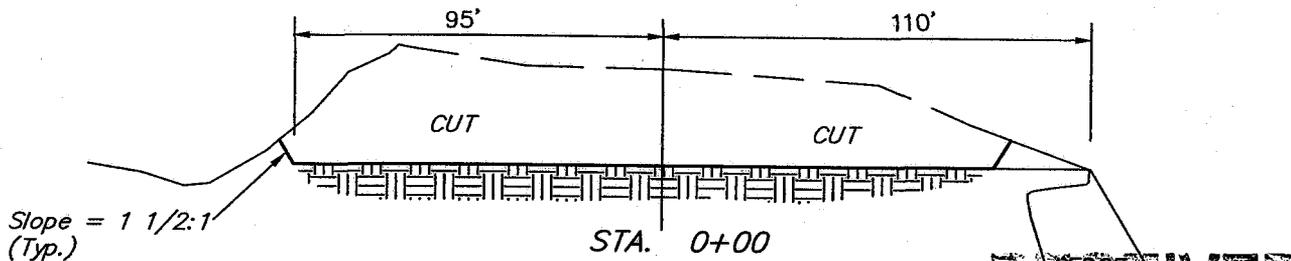
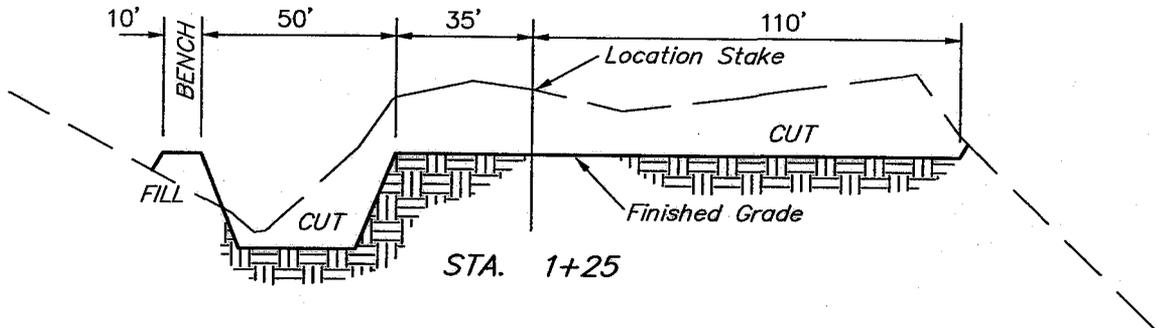
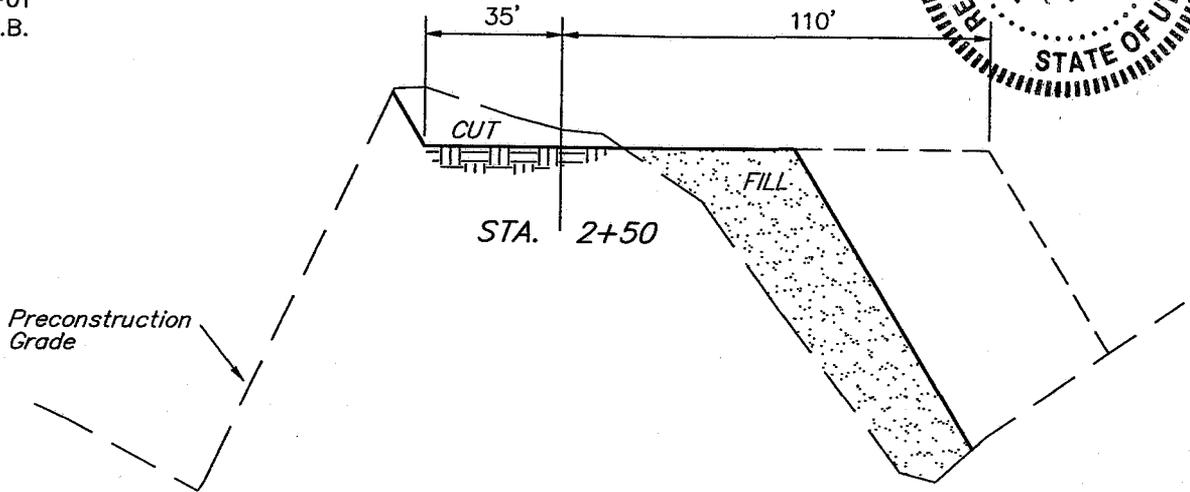
SECTION 13, T7S, R22E, S.L.B.&M.

1323' FSL 958' FWL

FIGURE #2



DATE: 01-23-01  
Drawn By: D.R.B.



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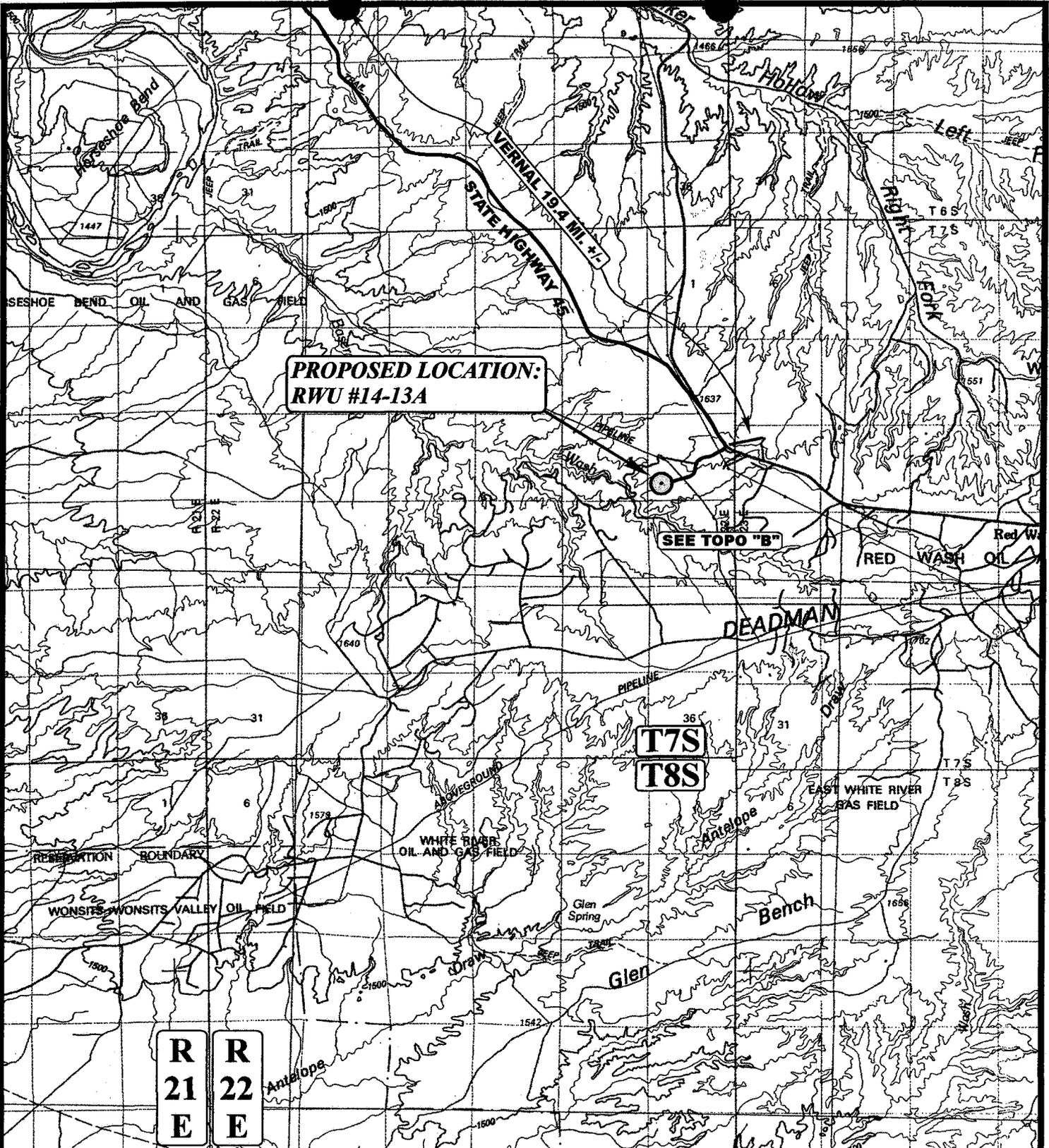
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APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	=	840 Cu. Yds.
Remaining Location	=	8,210 Cu. Yds.
<b>TOTAL CUT</b>	=	<b>9,050 CU.YDS.</b>
<b>FILL</b>	=	<b>6,900 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	=	1,790 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	1,790 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.



R  
21  
E

R  
22  
E

**LEGEND:**

⊙ PROPOSED LOCATION



**SHENANDOAH ENERGY, INC.**

RWU #14-13A  
SECTION 13, T7S, R22E, S.L.B.&M.  
1323' FSL 958' FWL

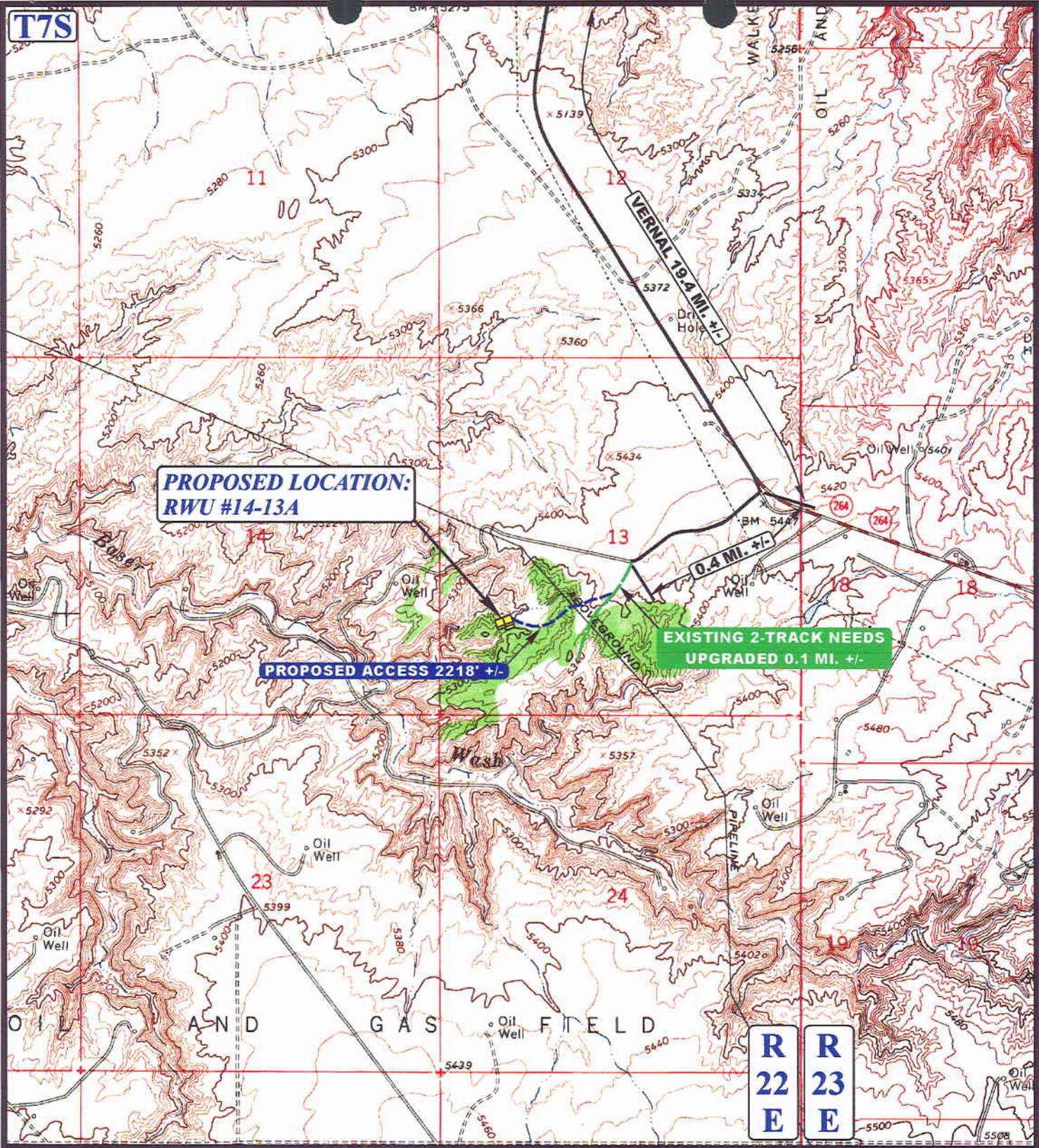


Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC MAP  
1 22 01  
MONTH DAY YEAR  
SCALE: 1:100,000 DRAWN BY: K.G. REVISED: 00-00-00



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**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD
- EXISTING 2-TRACK

**UES** **Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**SHENANDOAH ENERGY, INC.**

**RWU #14-13A**  
**SECTION 13, T7S, R22E, S.L.B.&M.**  
**1323' FSL 958' FWL**

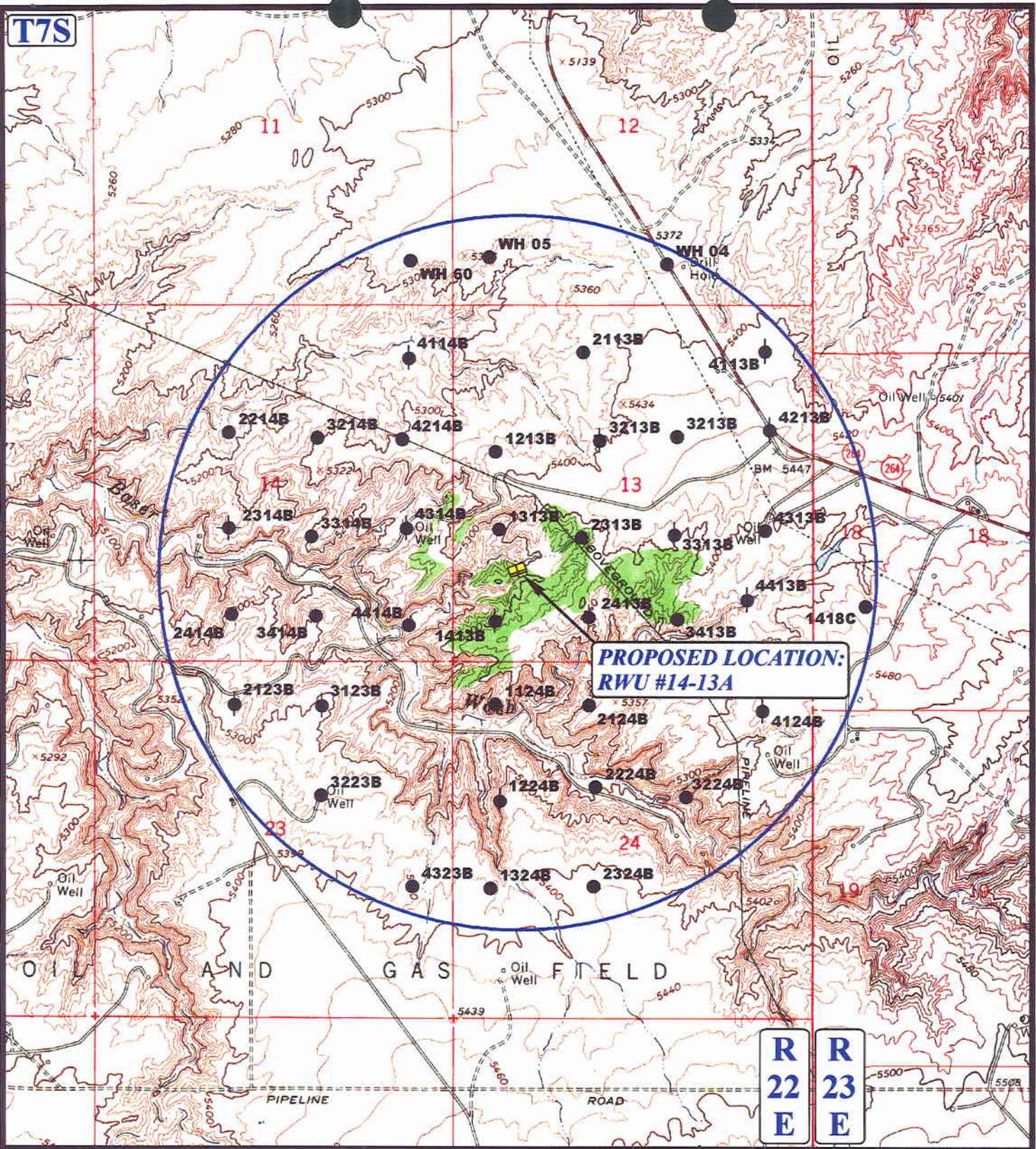


**TOPOGRAPHIC MAP** **1 22 01**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00

**B**  
TOPO

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**PROPOSED LOCATION:  
RWU #14-13A**

**LEGEND:**

- ⊘ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊘ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

**SHENANDOAH ENERGY, INC.**

**RWU #14-13A  
SECTION 13, T7S, R22E, S.L.B.&M.  
1323' FSL 958' FWL**



**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**1 22 01**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00



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# SHENANDOAH ENERGY, INC.

## RWU #14-13A

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 13, T7S, R22E, S.L.B.&M.

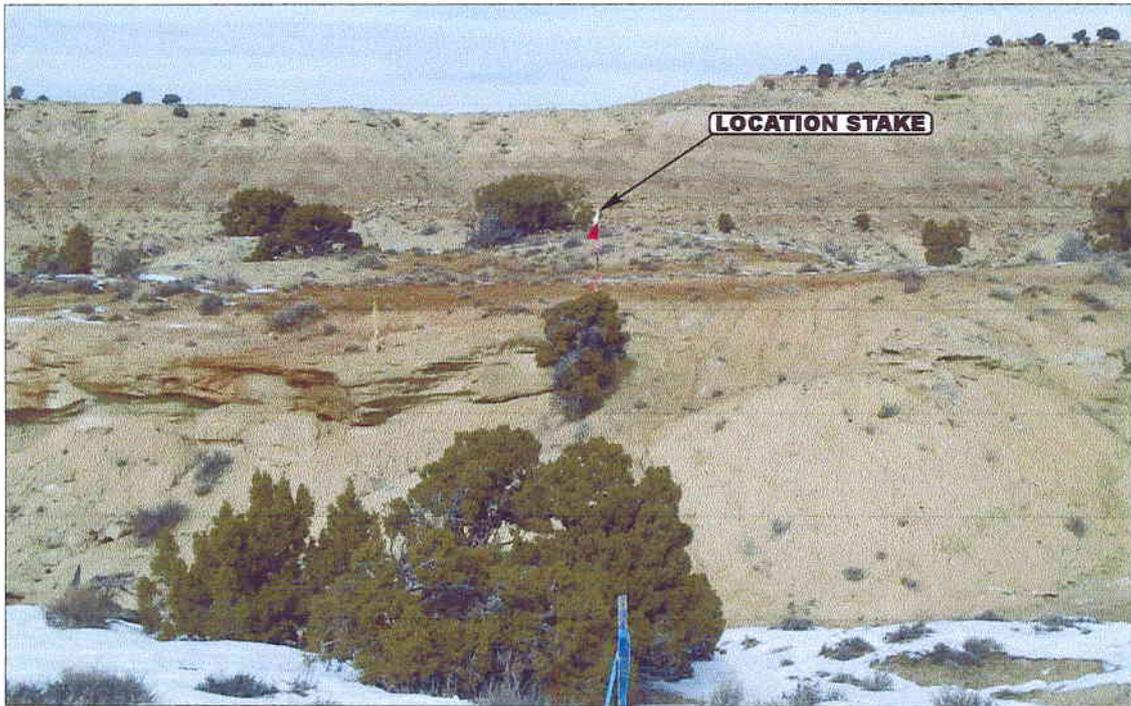


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

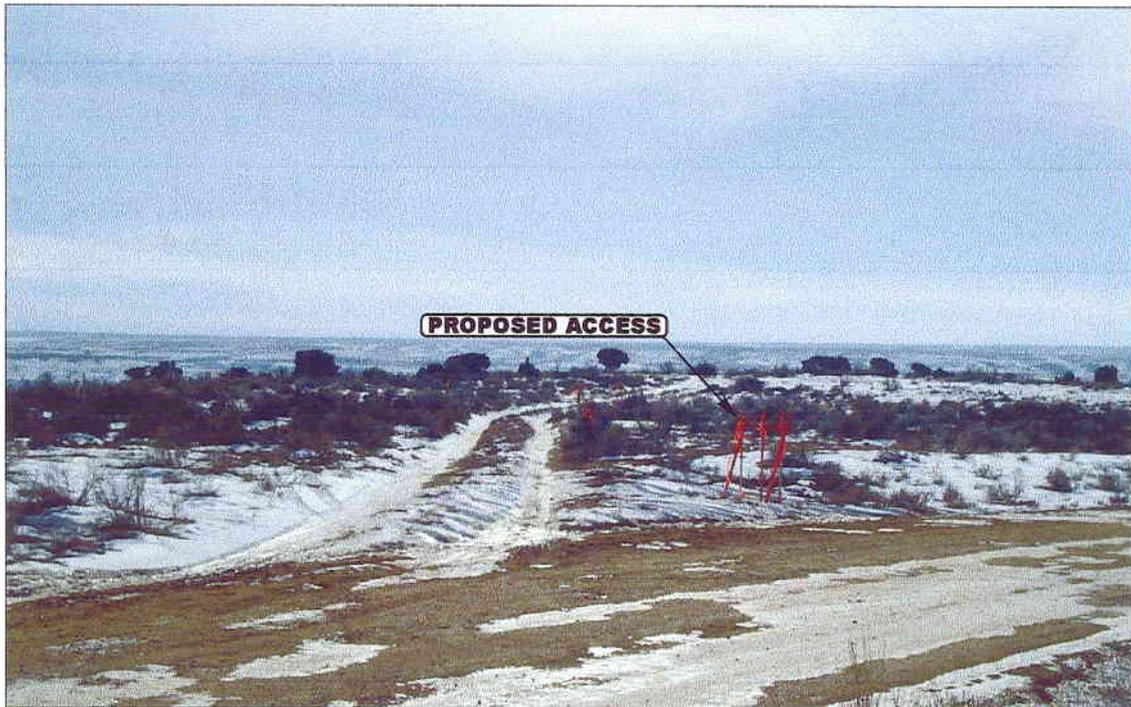


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	1	23	01	PHOTO 1
TAKEN BY: G.S.	MONTH	DAY	YEAR	
DRAWN BY: K.G.	REVISED: 00-00-00			

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# SHENANDOAH ENERGY, INC.

**RWU #14-13A**

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 13, T7S, R22E, S.L.B.&M.

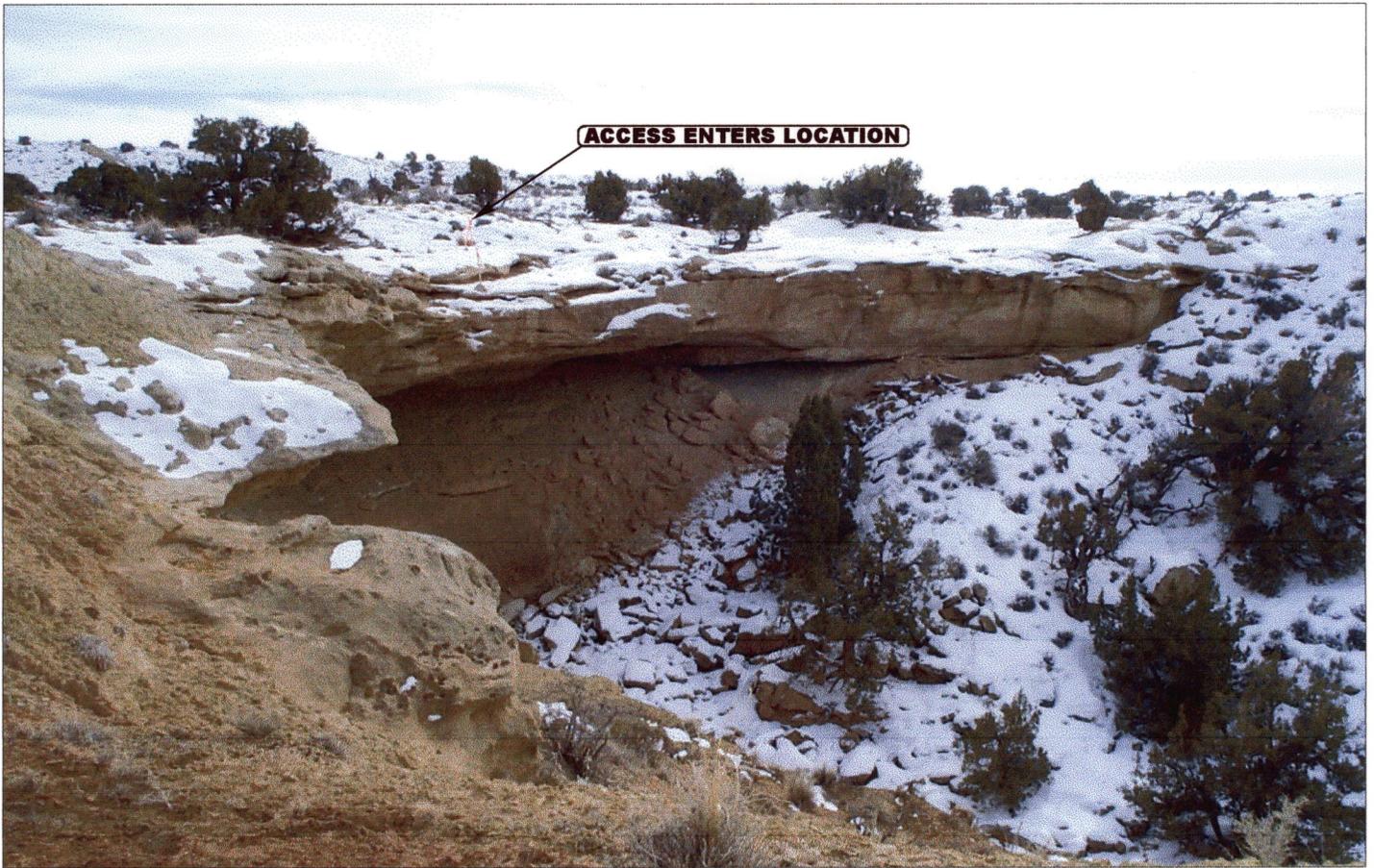


PHOTO: VIEW OF PROPOSED LOCATION

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	1	23	01	PHOTO 2
TAKEN BY: G.S.	MONTH	DAY	YEAR	
DRAWN BY: K.G.	REVISED: 00-00-00			

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**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/14/2001

API NO. ASSIGNED: 43-047-33950

WELL NAME: RWU 14-13A  
 OPERATOR: SHENANDOAH ENERGY INC ( N4235 )  
 CONTACT: JOHN BUSH

PHONE NUMBER: 435-781-4341

PROPOSED LOCATION:

SWSW 13 070S 220E  
 SURFACE: 1323 FSL 0958 FWL  
 BOTTOM: 1323 FSL 0958 FWL  
 UINTAH  
 RED WASH ( 665 )

LEASE TYPE: 1-Federal  
 LEASE NUMBER: SL-966466-A  
 SURFACE OWNER: 1-Federal

PROPOSED FORMATION: GRRV

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

RECEIVED AND/OR REVIEWED:

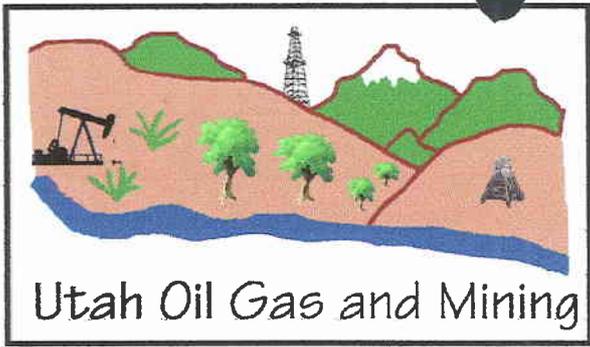
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UT-0969 )
- Potash (Y/N)
- Oil Shale (Y/N) \*190-5 (B) or 190-3
- Water Permit  
(No. 43-8496 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

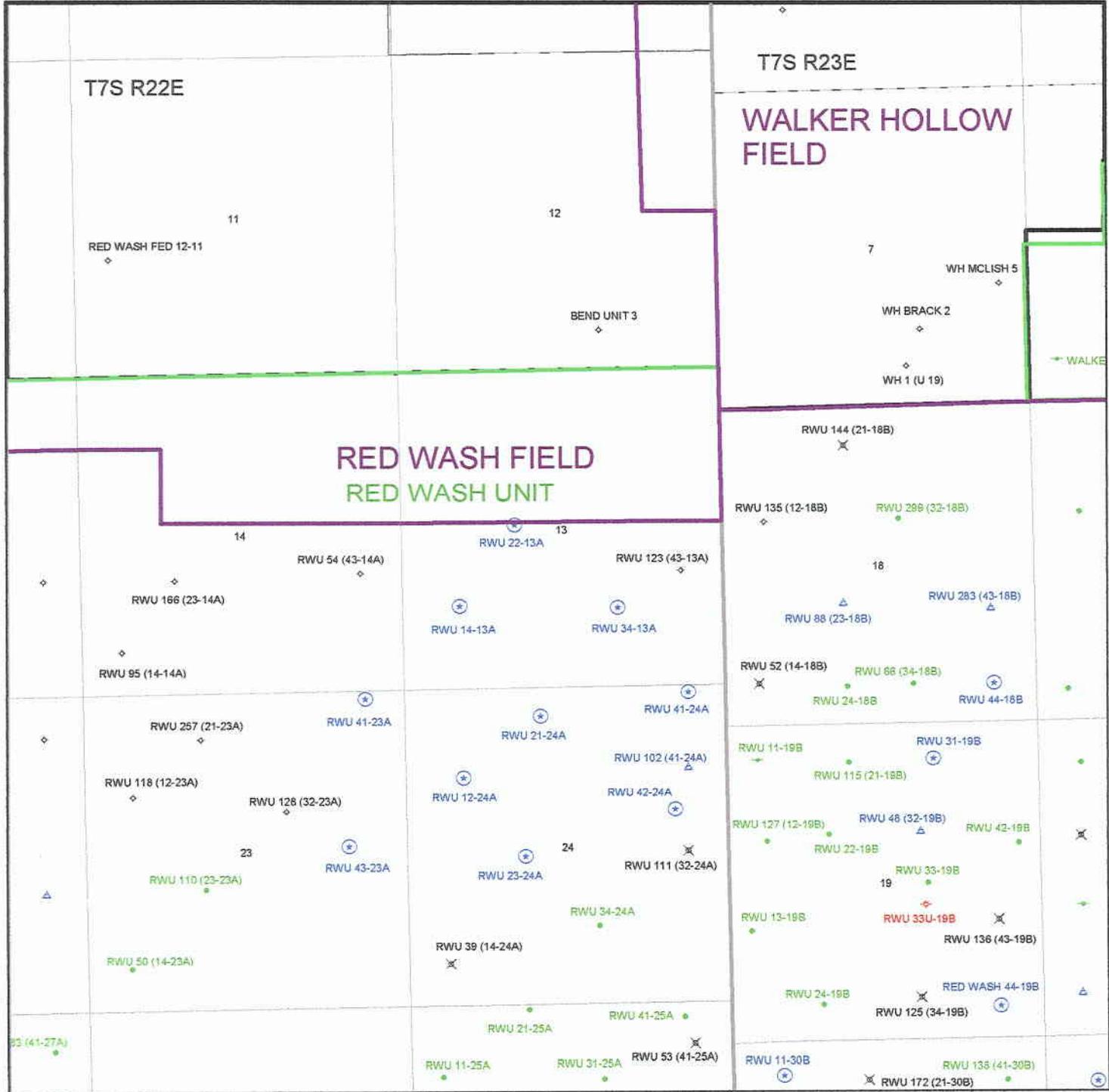
- R649-2-3. Unit RED WASH
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: \_\_\_\_\_
- Eff Date: \_\_\_\_\_
- Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

COMMENTS: Need add'l info. "Ex. Loc." (rec'd 3-1-01)

STIPULATIONS: ① FEDERAL APPROVAL



OPERATOR: SHENANDOAH ENERGY (N4235)  
 FIELD: RED WASH (665)  
 SEC. 13, T7S, R22E,  
 COUNTY: UINTAH UNIT: RED WASH  
 SPACING: R649-3-3/EX LOC



# 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)

February 22, 2001

### Memorandum

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

Api Number	Well	Location
(Proposed Green River Completions)		
43-047-33949	RWU 43-23A	Sec. 23, T7S, R22E 2581 FNL 0959 FEL
43-047-33950	RWU 14-13A	Sec. 13, T7S, R22E 1323 FSL 0958 FWL
43-047-33951	RWU 41-23A	Sec. 23, T7S, R22E 0117 FNL 0687 FEL

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:2-22-1

# SHENANDOAH ENERGY INC.

---

11002 East 17500 South  
Vernal, UT 84078  
Phone: (435) 781-4300  
Fax (435) 781-4329

February 28, 2001

Division of Oil, Gas & Mining  
1594 W. N. Temple STE 1210  
Salt Lake City, UT 84114-5801

To Whom It May Concern:

Shenandoah Energy Inc. Red Wash Unit #14-13A is an exception location due to severe topography and a closure of 700' between T7S, R22E, & T7S, R23E. This lease #(SL-966466-A) is under the Red Wash Unit Agreement and all owners are committed under the Unit Agreement.

There are no additional lease owners within 460' of this proposed well. If you have any question please contact Raleen Searle @ (435) 781-4309.

Thank you,

  
Raleen Searle  
Administrative Assistant

**RECEIVED**

MAR 01 2001

DIVISION OF  
OIL, GAS AND MINING



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)

March 5, 2001

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

Re: Red Wash Unit 14-13A Well, 1323' FSL, 958' FWL, SW SW, Sec. 13, T. 7 South,  
R. 22 East, Uintah County, Utah

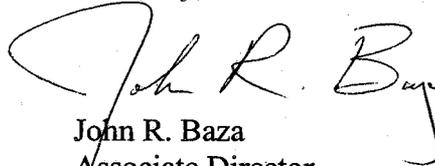
Gentlemen:

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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-047-33950.

Sincerely,



John R. Baza  
Associate Director

er

Enclosures

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

Operator: Shenandoah Energy, Inc.  
Well Name & Number Red Wash Unit 14-13A  
API Number: 43-047-33950  
Lease: SL-966466-A

Location: SW SW      Sec. 13      T. 7 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

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

5. Lease Designation and Serial No.  
**SL-966466-A**

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

7. If Unit or CA, Agreement Designation  
**Red Wash Unit**

8. Well Name and No.  
**RWU 14-13A**

9. API Well No.  
**43-047-33950**

10. Field and Pool, or Exploratory Area  
**RED WASH - GREEN RIVER**

11. County or Parish, State  
**UINTAH, UTAH**

**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 (801) 781-4341**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1323' FSL, 958' FWL SWSW Sec. 13, 7S 22E**

**CONFIDENTIAL**

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>APD Extension</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. hereby requests an 1 year extension on the RWU 14-13A.**

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

COPY SENT TO OPERATOR  
Date: 4-24-02 Date: 04-24-02  
Initials: CHD By: [Signature]

**RECEIVED**  
APR 23 2002  
DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.  
Signed JOHN BUSCH [Signature] Title OPERATIONS REPRESENTATIVE Date 4/22/02

(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

Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone: (435) 781-4400  
Fax: (435) 781-4410

IN REPLY REFER TO:  
3160  
UT08300

February 25, 2003

Raleen Searle  
Shenandoah Energy Inc.  
11002 East 175000 South  
Vernal, Utah 84078

Re: Well No. RWU 14-13A  
SWSW, Sec. 13, T7S, R22E  
Uintah County, Utah  
Lease No. UTSL-066446A  
Red Wash Unit

Dear Raleen:

The Application for Permit to Drill (APD) the above referenced well is being returned unapproved. The APD was received February 13, 2001. A Paleontology Survey was requested in the 7-day letter. To date no such survey has been received. If you intend to drill at this location at a future date, a new APD must be submitted.

If you have any questions concerning APD processing, please contact me at (435) 781-4497.

Sincerely,

Leslie Walker  
Legal Instruments Examiner

cc: UDOGM – Diana Mason

RECEIVED  
MAR 03 2003  
DIV. OF OIL, GAS & MINING

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.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		<b>CONFIDENTIAL</b>	5. Lease Serial No. UTSL -066446A
2. Name of Operator SHENANDOAH ENERGY INC.			6. If Indian, Allottee or Tribe Name N/A
3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078		Contact: RALEEN SEARLE E-Mail: raleen.searle@questar.com	7. If Unit or CA/Agreement, Name and/or No. RED WASH
3b. Phone No. (include area code) Ph: 435.781.4309 Fx: 435.781.4329			8. Well Name and No. RED WASH UNIT 14-13A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 13 T7S R22E SWSW 1323FSL 958FWL			9. API Well No. 43-047-33950
			10. Field and Pool, or Exploratory RED WASH
			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 checked="" 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 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
	<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 recompleat 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 recompleat 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.)

Shenandoah Energy Inc. hereby requests an one year extenstension on the APD for the RWU 14-13A.

**COPY SENT TO OPERATOR**  
Date: 03-13-03  
Initials: CHP

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: 03-12-03  
By: [Signature]

**RECEIVED**

**MAR 11 2003**

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #19298 verified by the BLM Well Information System For SHENANDOAH ENERGY INC., will be sent to the Vernal**

Name (Printed/Typed) RALEEN SEARLE	Title REGULATORY AFFAIRS ANALYST
Signature <u>Raleen Searle</u>	Date 03/06/2003

**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.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO  
UT-922

June 9, 2003

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street, Suite 500  
Denver, Colorado 80265

Re: Red Wash Unit  
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed its name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Red Wash Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Red Wash Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:6/9/03



6. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 9/11/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 9/11/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: 965-003-032

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: ESB000024

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 799446

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SEI (N4235) to QEP (N2460)

well_name	Sec	R	api DOGM	Entity	stat	unit_name
RWU 21W-36A	36	070S	220E	4304733730	State	GW APD C RED WASH
RWU 21G-36A	36	070S	220E	4304733731	State	OW APD C RED WASH
RWU 41-36A	36	070S	220E	4304733732	State	OW APD C RED WASH
RWU 43-16B	16	070S	230E	4304733733	State	OW APD C RED WASH
RWU 21-16B	16	070S	230E	4304733734	State	OW APD C RED WASH
RWU 11-36A	36	070S	220E	4304733736	State	OW APD C RED WASH
RWU 13-36A	36	070S	220E	4304733737	State	OW APD C RED WASH
RWU 13-29B	29	070S	230E	4304733764	Federal	OW APD C RED WASH
RWU 33-29B	29	070S	230E	4304733789	Federal	OW APD C RED WASH
RWU 14-13A	13	070S	220E	4304733950	Federal	OW APD C RED WASH
RWU 11W-34-7-22	34	070S	220E	4304734360	Federal	GW APD C RED WASH



State of Utah

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

ROBERT L. MORGAN  
*Executive Director*

LOWELL P. BRAXTON  
*Division Director*

March 26, 2004

Jan Nelson  
QEP Uinta Basin Inc.  
11002 East 17500 South  
Vernal, Utah 84078

Re: APD Rescinded – RWU 14-13A, Sec. 13, T. 7S, R. 22E  
Uintah County, Utah API No. 43-047-33950

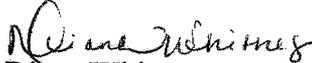
Dear Ms. Nelson:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on March 5, 2001. On April 23, 2002 and March 12, 2003 the Division granted a one-year APD extension. On March 25, 2004, you requested that the division rescind the state approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective March 25, 2004.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

  
Diana Whitney  
Engineering Technician

cc: Well File  
Bureau of Land Management, Vernal