

**FILE NOTATIONS**

Entered in NID File ..... ✓  
Location Map Pinned ..... ✓  
Card Indexed ..... ✓

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed .....

Location Inspected .

GW..... OS..... PA.....

State or Fee Land .....

**LOGS FILED**

Driller's Log.....

Electric Logs (No.) .....

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic...

CBLog..... CLog..... Others.....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL                       DEEPEN                       PLUG BACK

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

2. NAME OF OPERATOR  
 Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
 P. O. Box 599, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 591' FSL & 2007' FWL (SE 1/4 SW 1/4)  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 + 16 miles southeast of Jensen, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 591'

16. NO. OF ACRES IN LEASE  
 Within Unit

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.  
 2000'

19. PROPOSED DEPTH  
 5,700

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GR 5507

22. APPROX. DATE WORK WILL START\*  
 Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

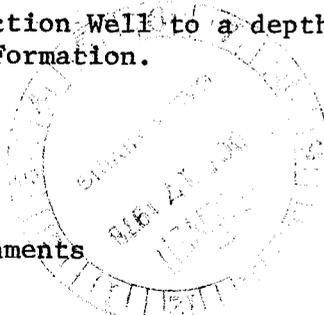
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	300	To Surface
8-3/4"	7"	23#	TD	As Required

It is proposed to drill this Water Injection Well to a depth of 5,700' to inject into the Green River Formation.

Attachments

- Drilling Procedure
- Certified Plat
- Chevron Class III BOP Requirements
- Multi Point Surface Use Plan w/attachments
- Completion Procedure

- 3-USGS
- 1-USGS-Vernal
- 2-State
- 3-Partners
- 1-JCB
- 1-ALF
- 1-DBB
- 1-Sec. 723
- 1-File



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 [Signature] TITLE Engineering Assistant DATE October 13, 1978

(This space for Federal or State office use)

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

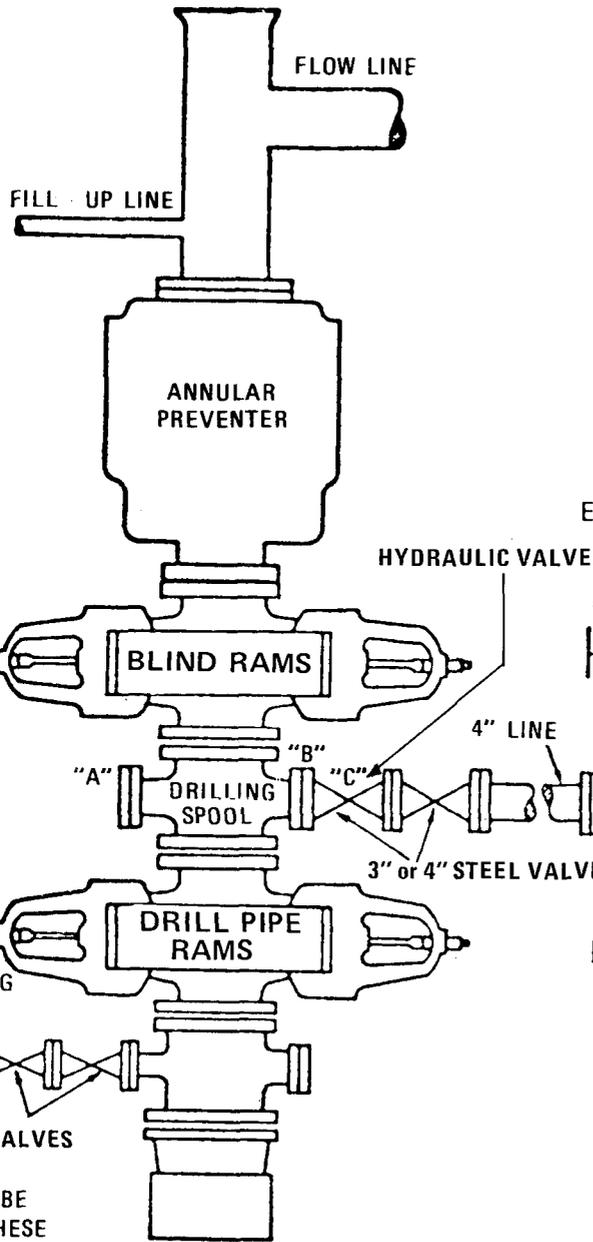
DATE: Oct. 18, 1978

BY: [Signature]

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



WHILE DRILLING, BOTH PLUG VALVES ARE KEPT CLOSED

UNCOUPLER HALF UNION "E"  
2" STEEL VALVES

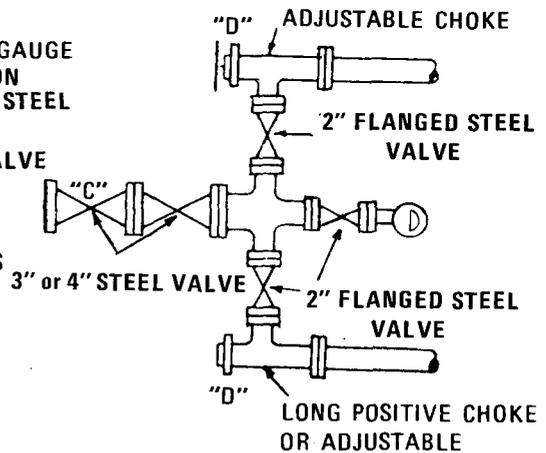
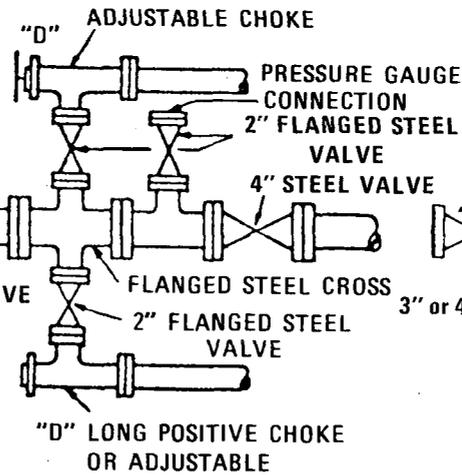
CASING SPOOL SHOULD BE POSITIONED SO THAT THESE VALVES ARE DIRECTLY UNDER THE BARREL OF THE RAM PREVENTER.

FIGURE 4  
THREE PREVENTER HOOKUP  
CLASS III

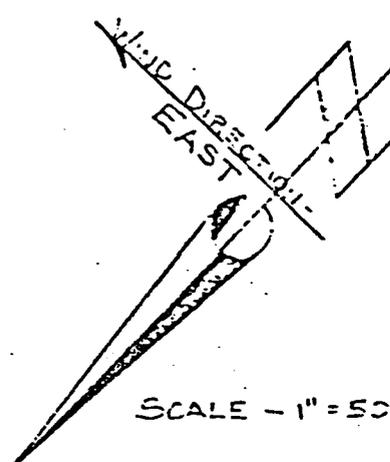
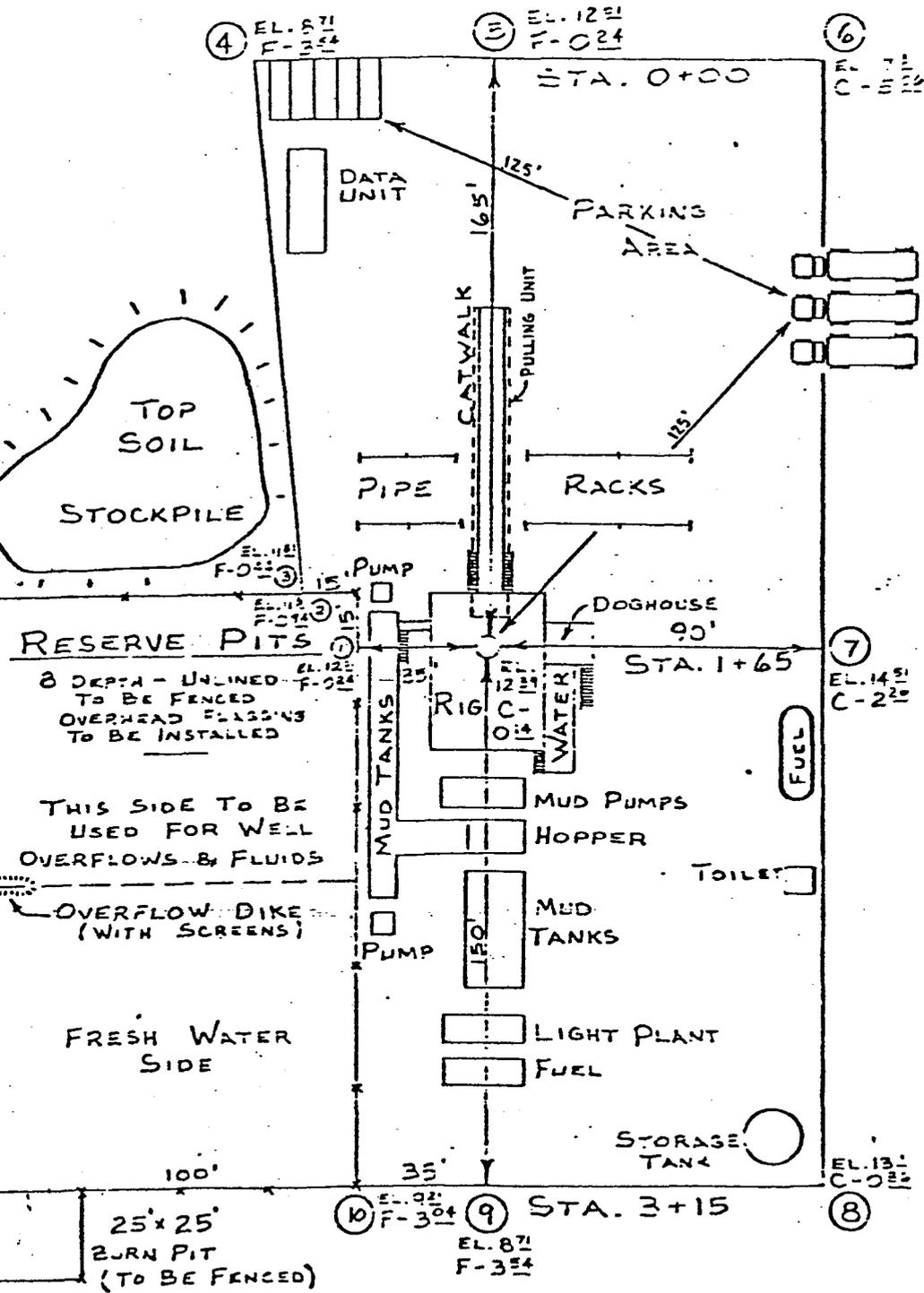
(PRESSURE RATING 3-5000 PSI AS REQUIRED)

EMERGENCY FLOW HOOKUP

\* ALTERNATE CHOKE MANIFOLD



AN EXTRA SET OF DRILL PIPE RAMS WILL BE ON LOCATION AT ALL TIMES.



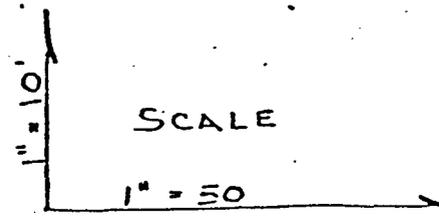
APPROX. YARDAGES

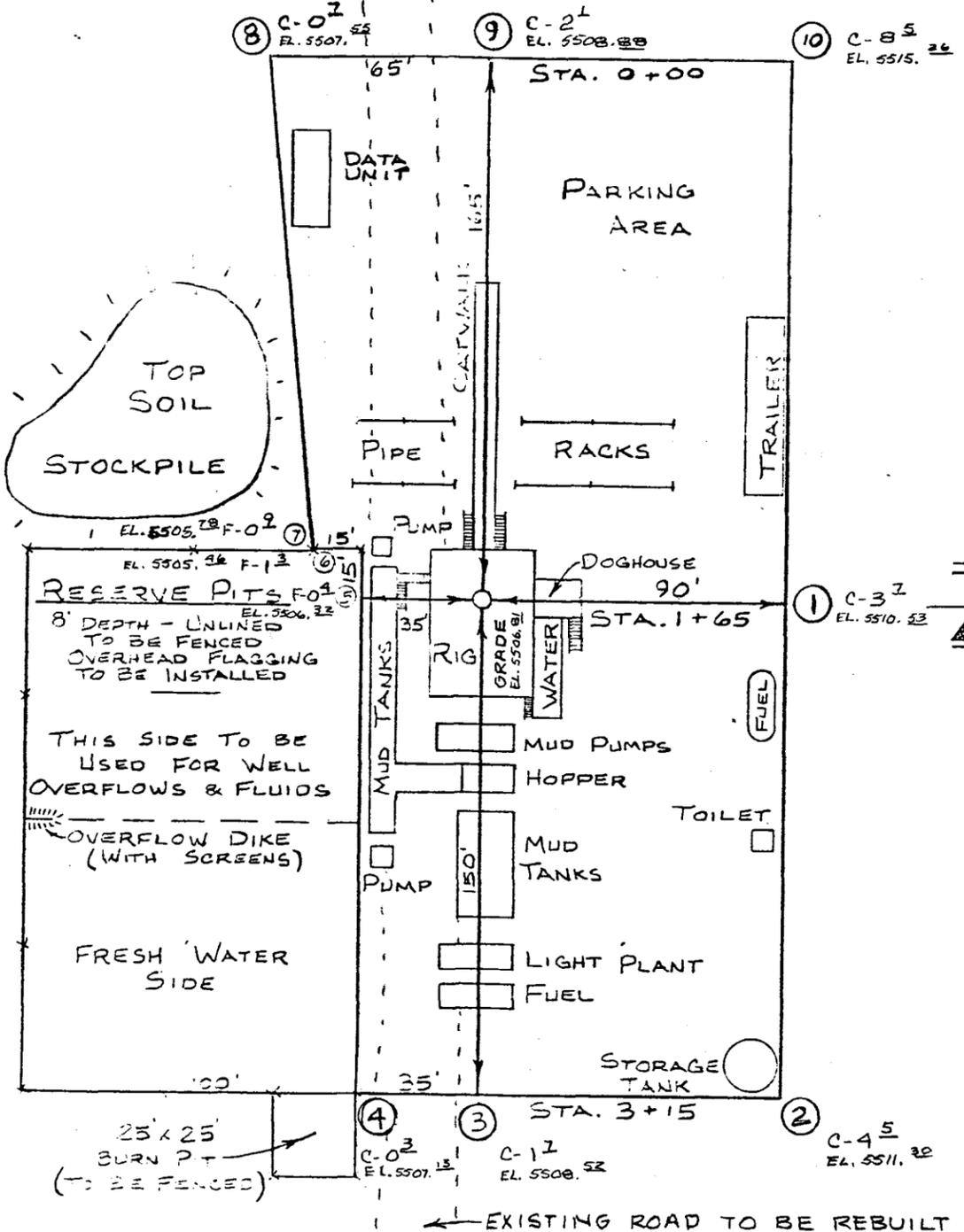
CUT - 1,375 CU. YD.

FILL - 1,132 CU. YD.

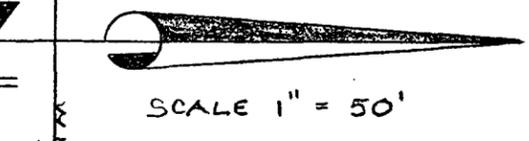
**CHEVRON U.S.A. INC.**

LOCATION LAYOUT  
 FOR  
 RED WASH UNIT 263

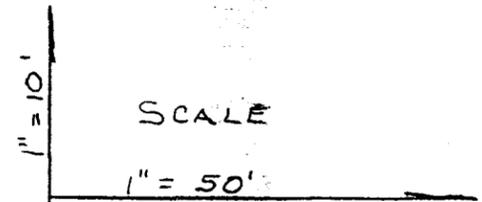




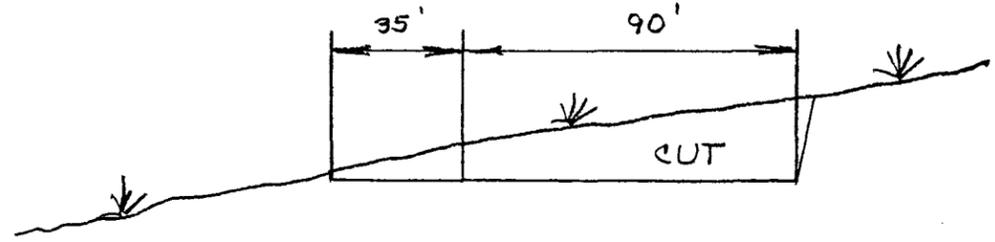
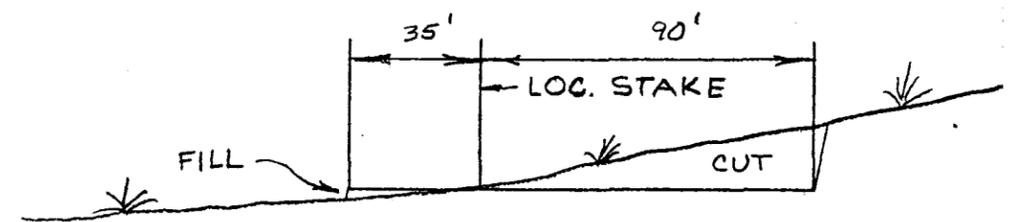
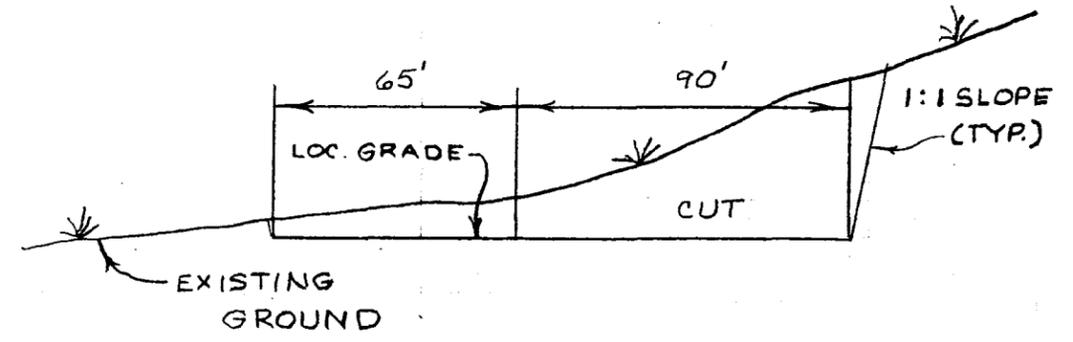
CHEVRON U.S.A. INC.  
 LOCATION LAYOUT & CUT SHEET  
 FOR  
 RED WASH UNIT # 263  
 (24-26 B)



APPROX. YARDAGES  
 CUT 3,835 CU. YDS.  
 FILL 40 CU. YDS.



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STA. 3+15

EXHIBIT C-263

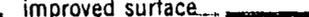
CHEVRON U.S.A. INC.  
PROPOSED LOCATION  
R.W.U. 263 (24-26A)



TOPO. MAP "B"  
EXHIBIT A-263

SCALE 1" = 2000'

ROAD CLASSIFICATION

Secondary highway, all weather, hard surface  Light-duty road, all weather, improved surface 

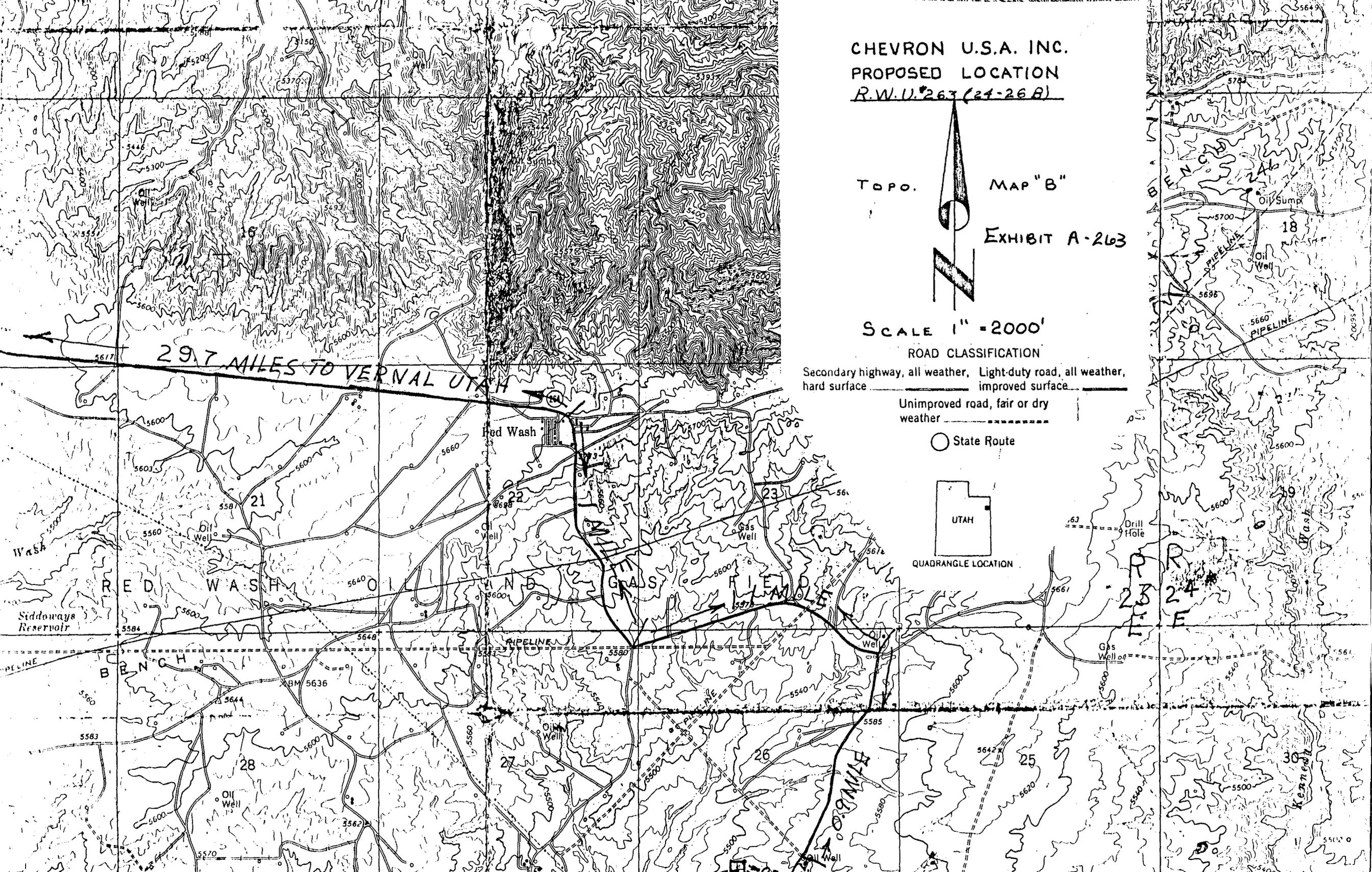
Unimproved road, fair or dry weather 

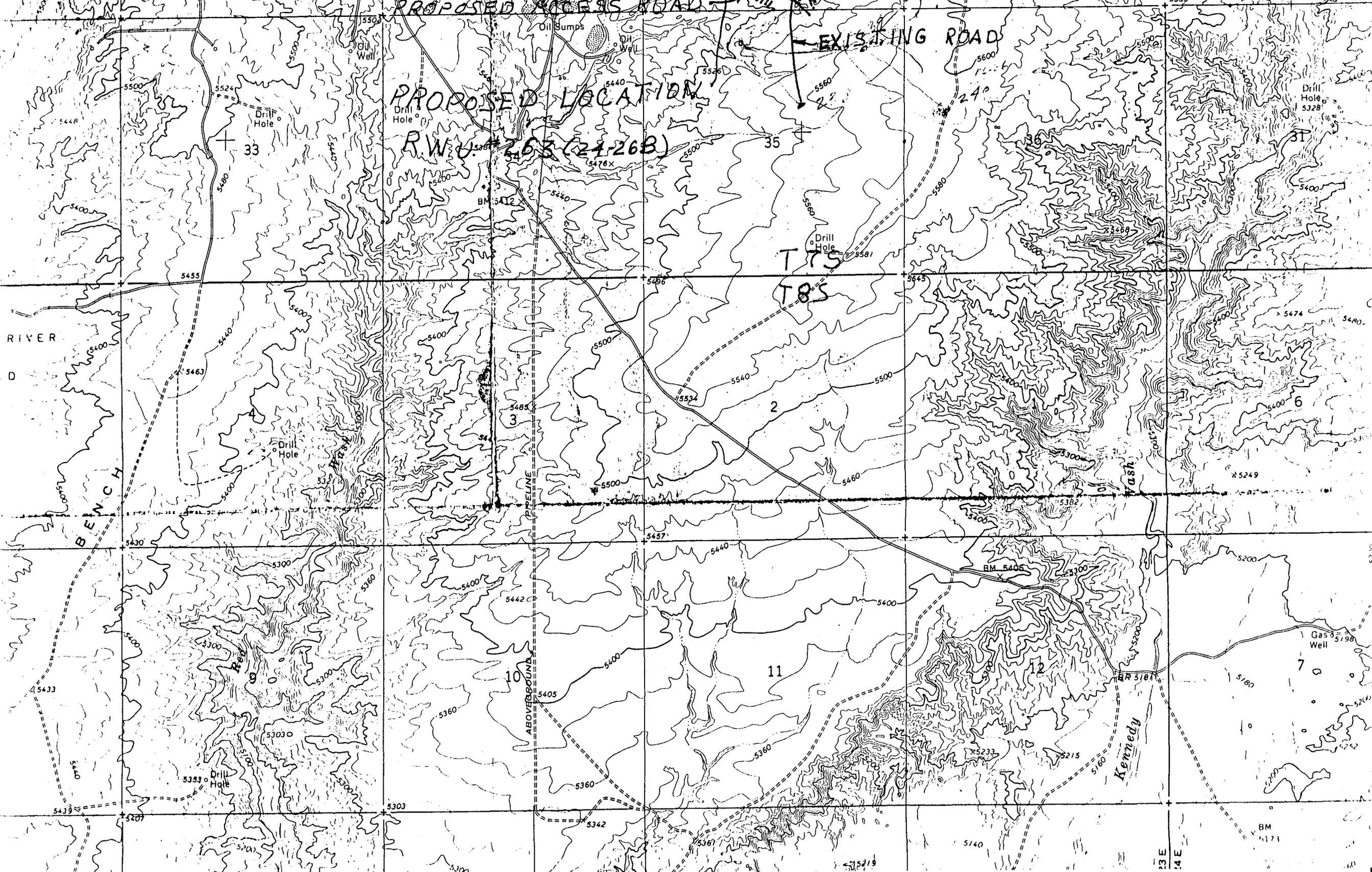
 State Route



QUADRANGLE LOCATION

29.7 MILES TO VERNAL UTAH

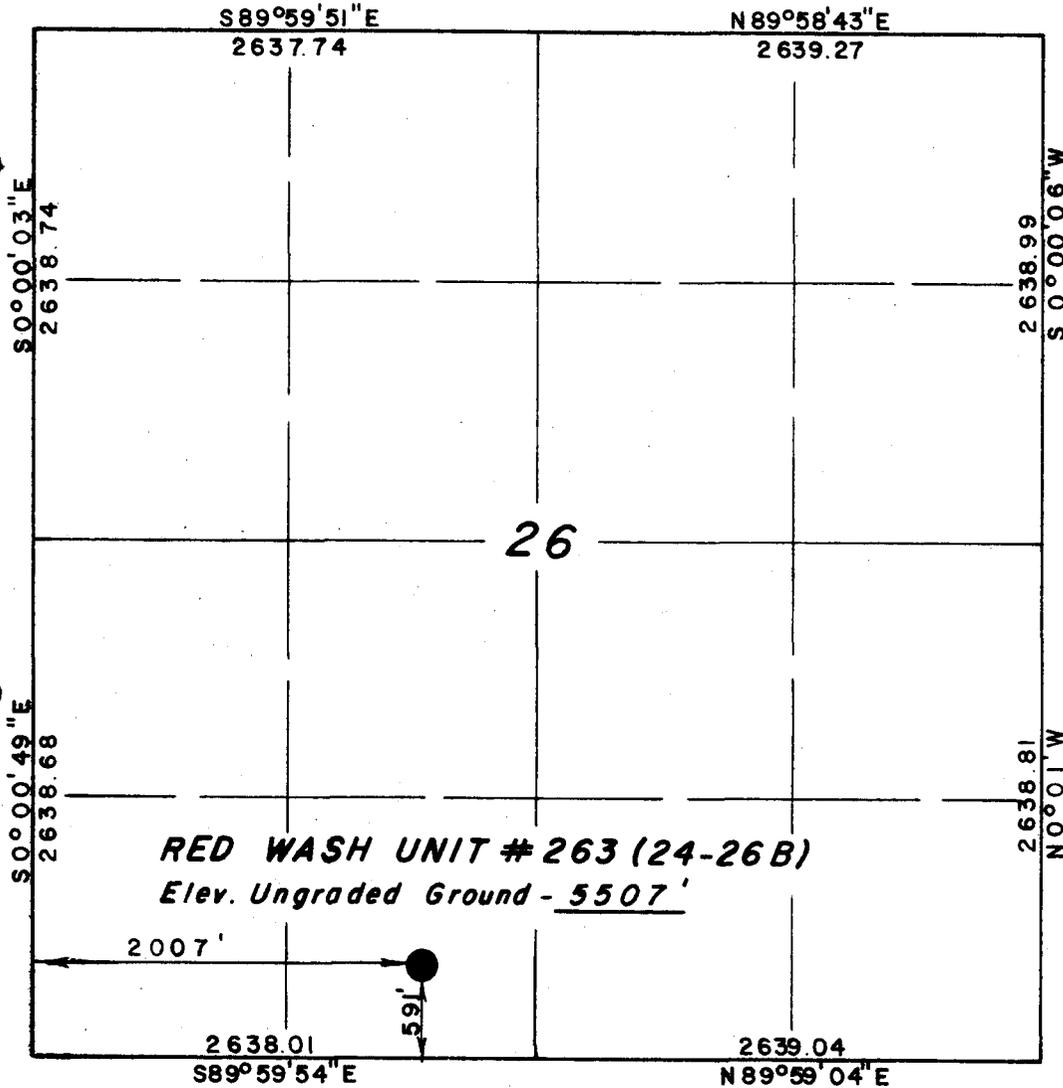




T 7 S , R 2 3 E , S . L . B . & M .

PROJECT  
**CHEVRON U.S.A. INC.**

Well location, **RED WASH UNIT #263 (24-26B)**, located as shown in the SE 1/4 SW 1/4 Section 26, T7S, R23E, S.L.B. & M. Uintah County, Utah.



**RED WASH UNIT #263 (24-26B)**  
 Elev. Ungraded Ground - 5507'

2007'

59'

X = Section Corners Located



CERTIFICATE

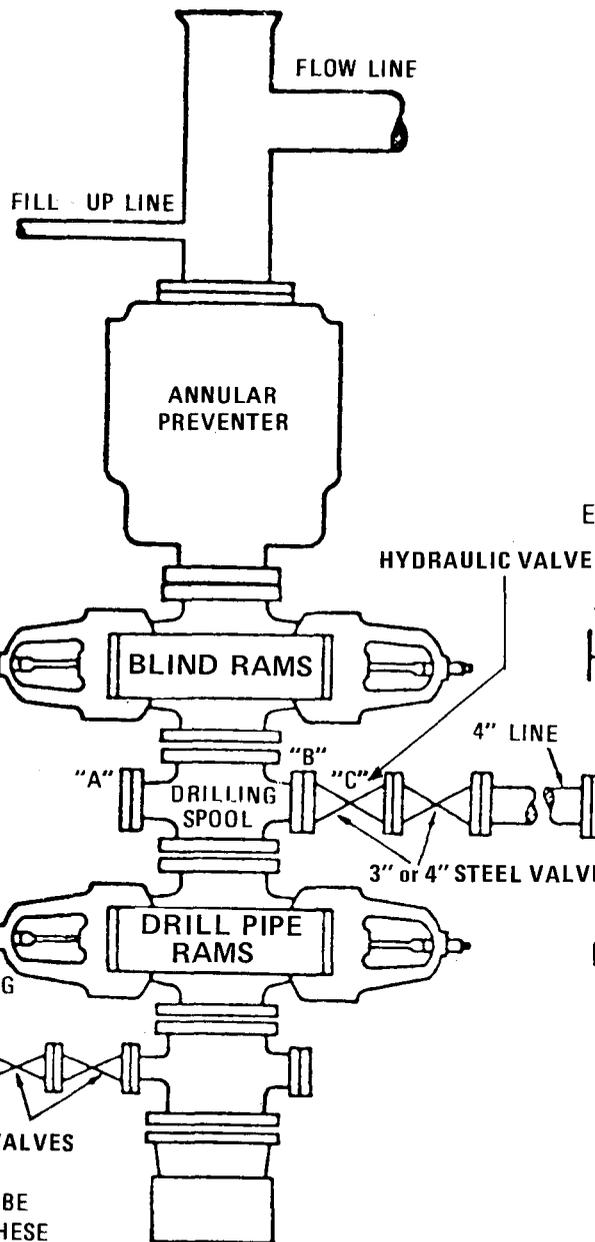
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*James J. Hunt*

REGISTERED LAND SURVEYOR  
 REGISTRATION NO 3154  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
 P. O. BOX Q - 110 EAST - FIRST SOUTH  
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 9 / 28 / 78
PARTY MS KH RP	REFERENCES GLO Plat
WEATHER CLOUDY / COOL	FILE CHEVRON U.S.A.



WHILE DRILLING, BOTH PLUG VALVES ARE KEPT CLOSED

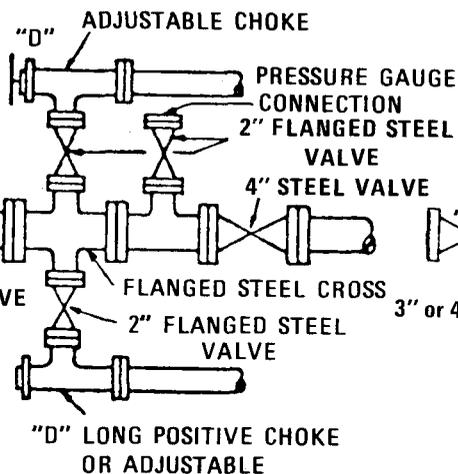
UNCOUPLED HALF UNION "E"  
2" STEEL VALVES

CASING SPOOL SHOULD BE POSITIONED SO THAT THESE VALVES ARE DIRECTLY UNDER THE BARREL OF THE RAM PREVENTER.

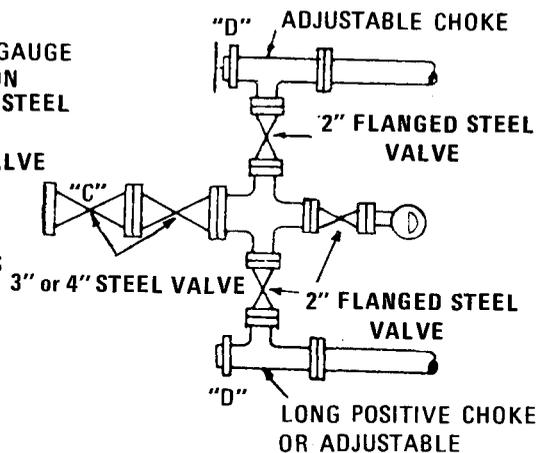
FIGURE 4  
THREE PREVENTER HOOKUP  
CLASS III

(PRESSURE RATING 3-5000 PSI AS REQUIRED)

EMERGENCY FLOW HOOKUP



\* ALTERNATE CHOKE MANIFOLD



AN EXTRA SET OF DRILL PIPE RAMS WILL BE ON LOCATION AT ALL TIMES.

ATTACHMENT

BOP TESTS SUBSEQUENT TO  
INITIAL INSTALLATION AND  
TESTING TO MSP

After initial installation and testing of BOPE to MSP, subsequent tests of BOPE may be made using rig pump to the following minimum test pressures:

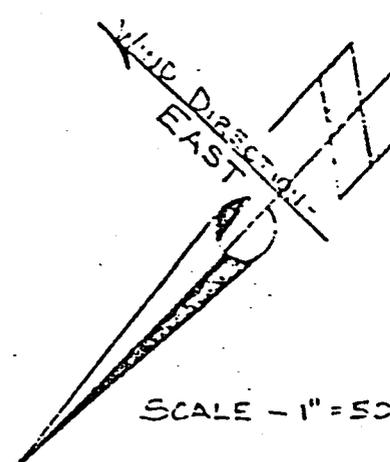
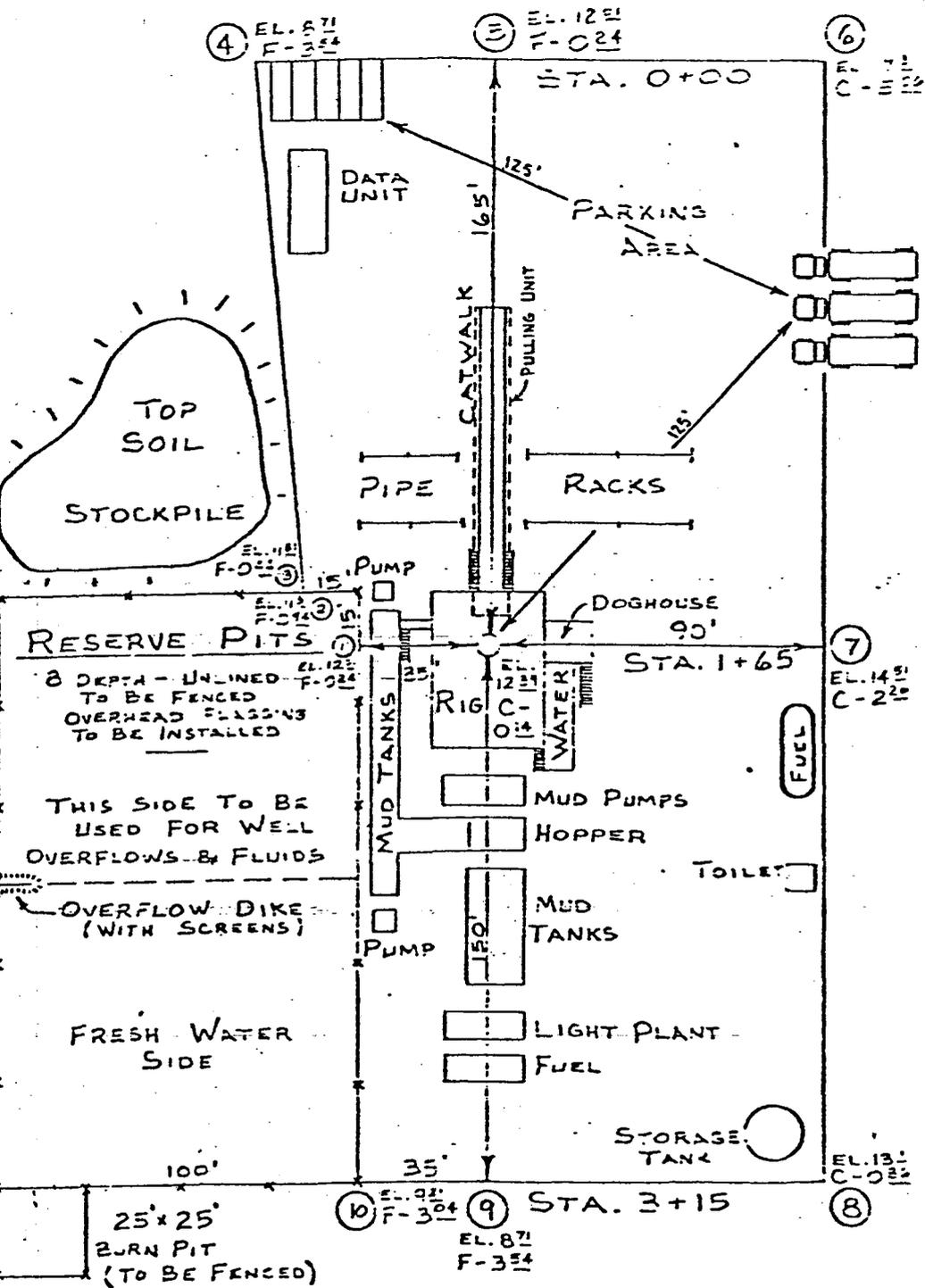
Pipe Rams, Series 900	-	2000 psi
Pipe Rams, Series 1500	-	3000 psi
Hydril	-	750 psi
Blind Rams	-	*
Choke Manifold, Kelly Cock, DP and Safety Valve	-	same as pipe rams

\*Initial test of blind rams to be from below against the csg to 50% of minimum IY pressures. Subsequent tests to be from above to 1000 psi by locking a DP tool jt. below closed pipe rams.

When using rig pump, all BOP's, lines, etc., should be filled with water for the test.

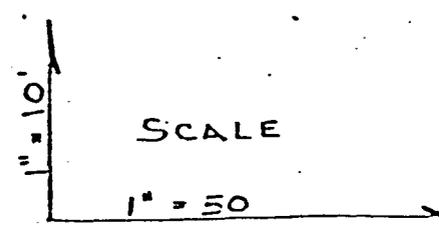
RED WASH UNIT  
COMPLETION PROCEDURE ON  
DEVELOPMENT DRILLING WELLS

1. MI & RU. NU BOPE. Clean out to PBTD. Displace hole w/2% KCl water. Run Gamma Ray-CBL log.
2. RIH w/RBP, packer & tubing. Selectively straddle intervals as determined from log analysis of Green River Formation Sands. Swab down tubing to within 1000' of packer. RIH w/thru-tubing gun to perforate the selected Green River Formation intervals.
3. Acidize the perforated intervals w/inhibited 15% HCL acid containing additives for emulsion and scale control. Swab back spent acid-water immediately. Continue to swab to determine fluid content of perforated intervals.
4. Repeat Steps 2 and 3 to selectively test additional intervals in the Green River Formation. Any nonproductive intervals tested will be excluded by cement and/or a cast iron bridge plug.
5. Depending upon the results of the swab tests, the intervals tested will either be fracture stimulated individually or altogether. For an oil well completion, the fracture fluid will be a mixture of 60-70% Rangely crude oil and 30-40% KCl (2% ) water. The fluid will be emulsified and gelled using appropriate additives. 100 mesh sand will be used as a fluid loss additive, and 20-40 mesh sand will be used as a proppant. The total amount of fluid and sand will vary according to the amount of net effective pay that will be treated. For a gas well completion, the fracture fluid will be a 2% KCl water containing additives and gelled with 5% methanol. 20-40 mesh sand will be used as a proppant. The total amount of fluid and sand will vary according to the amount of net effective pay that will be treated.
6. Clean out to PBTD.
7. Place well on production.



APPROX. YARDAGES  
 CUT - 1,375 CU. YD.  
 FILL - 1,132 CU. YD.

**CHEVRON U.S.A. INC.**  
 LOCATION LAYOUT  
 FOR  
 RED WASH UNIT 263



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 D.R.L.  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
 Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
 P. O. Box 599, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
 591' FSL & 2007' FWL (SE 1/4 SW 1/4)  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 ± 16 miles southeast of Jensen, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 591'  
 16. NO. OF ACRES IN LEASE Within Unit

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2000'  
 19. PROPOSED DEPTH 5,700

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GR 5507

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	300	To Surface
8-3/4"	7"	23#	TD	As Required

*Minimum of 500 feet above top of Green River fm.*

It is proposed to drill this Water Injection Well to a depth of 5,700' to inject into the Green River Formation.

Attachments

- Drilling Procedure
- Certified Plat
- Chevron Class III BOP Requirements
- Multi Point Surface Use Plan w/attachments
- Completion Procedure

- 3-USGS
- 1-USGS-Vernal
- 2-State
- 3-Partners
- 1-JCB
- 1-ALF
- 1-DBB
- 1-Sec. 723
- 1-File

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 [Signature] TITLE Engineering Assistant DATE October 13, 1978

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY [Signature] TITLE ACTING DISTRICT ENGINEER DATE NOV 22 1978

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO REGULATORY (NTL-4)

NOTICE OF APPROVAL

*State O & G*

ATTACHMENT

BOP TESTS SUBSEQUENT TO  
INITIAL INSTALLATION AND  
TESTING TO MSP

After initial installation and testing of BOPE to MSP, subsequent tests of BOPE may be made using rig pump to the following minimum test pressures:

Pipe Rams, Series 900	-	2000 psi
Pipe Rams, Series 1500	-	3000 psi
Hydril	-	750 psi
Blind Rams	-	*
Choke Manifold, Kelly Cock, DP and Safety Valve	-	same as pipe rams

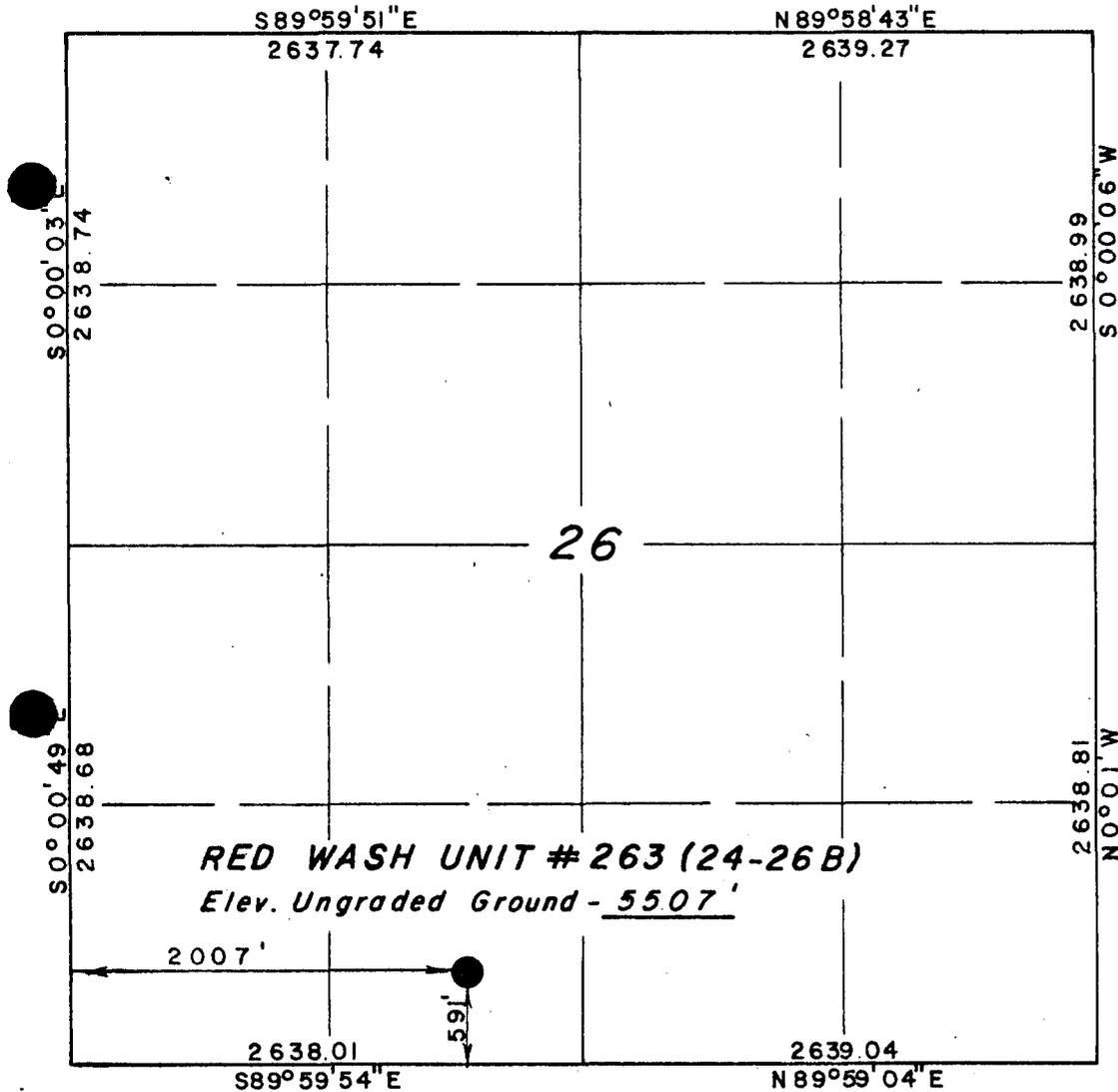
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When using rig pump, all BOP's, lines, etc., should be filled with water for the test.

T 7 S , R 2 3 E , S . L . B . & M .

PROJECT  
CHEVRON U.S.A. INC.

Well location, RED WASH UNIT #263 (24-26B), located as shown in the SE 1/4 SW 1/4 Section 26, T7S, R23E, S.L.B. & M. Uintah County, Utah.



CERTIFICATE

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

*James Stewart*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	9 / 28 / 78
PARTY	MS KH RP	REFERENCES	GLO Plat
WEATHER	CLOUDY / COOL	FILE	CHEVRON U.S.A.

X = Section Corners Located

United States Department of the Interior  
Geological Survey  
8440 Federal Building  
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-0566

Operator Chevron USA Inc.

Well No. 263 (24-26B)

Location 591FSL & 2007 FWL Sec. 26 T. 7S R. 23E SLB & M

County Uintah State Utah Field Red Wash

Status: Surface Ownership BLM Minerals Federal

Joint Field Inspection Date Novmeber 2, 1978

Participants and Organizations:

Jake Bullard

Chevron Field Superintendent

Pat Shammas

Chevron Engineer

Steve Ellis

Bureau of Land Management

Gene Wilson

U.S. Geological Survey

Related Environmental Analyses and References:

(1) Bonanza Planning Uint

(2)

*Pad 140 x 3-20  
pit 100 x 150  
0.2 mi new access  
2.2 ac*

Analysis Prepared by: Gene Wilson  
Environmental Scientist  
Salt Lake City, Utah

Reviewed by: George Diwachak  
Environmental Scientist  
Salt Lake City, Utah

Date Novmeber 14, 1978

Noted - G. Diwachak

Proposed Action:

On October 13, 1978, Chevron USA Inc. filed an Application for Permit to Drill the No. 263 (24-26B) development well, a 5700-foot in-field water injection well; located at an elevation of 5507 ft. in the SE $\frac{1}{4}$ , SW $\frac{1}{4}$  section 26. T.7S, R.23E SLB & M on Federal mineral lands and Bureau of Land Management surface; Lease No. U-0566. There was no objection raised to the wellsite not to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventer would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 140 ft. wide x 320 ft. long, and a reserve pit 100 ft. wide x 150 ft. A new access road will be constructed 20 ft. wide x 0.2 mi. long from an existing and improved road. The operator proposes to construct injection facilities on a disturbed area of the proposed drill pad. The injection flow line is outlined on a separate exhibit. The injection line will be buried about 4 feet. The injection line will surface at the tie-in point and at the well. The anticipated starting date is as soon as approved and duration of drilling activities would be about 30 days.

Location and Natural Setting:

The proposed drillsite is approximately 30 mi. southeast of Vernal, Utah, the nearest town. A good road runs to within 0.2 miles of the location. This well is in the Red Wash field.

Topography:

Rolling hills type of terrain forming many small drainages. The area gradually slopes from north to south with the drainage pattern directed to the Green River.

Geology:

The surface geology is the Uinta Formation. The soil is clay type, slightly sandy with high gypsum content. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation does exist and is possible in the sandstone units. Loss of circulation may result in the lowering of the mud levels which might permit exposed upper formations to blowout or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah. The operator's drilling, cementing, casing, and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay-type soil. The soil is subject to runoff from rainfall and has a high runoff potential, and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately 2.2 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, and reseeded of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases are not anticipated.

Precipitation:

Annual rainfall should range from about 8 to 11 inches at the proposed location. The majority of the numerous drainages in the surrounding area are of a nonperennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8 inches. The area is quite susceptible to erosion due to the high gypsum content of the soil.

Winds are medium and gusty, occurring predominantly from West to East. Air mass inversions are rare.

The climate is semiarid with abundant sunshine, hot summers and cold winters, with temperature variations on a daily and seasonal basis.

Surface-Water Hydrology:

The numerous small drainages of the area are directed to the larger Red Wash drainage and eventually to the Green River.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface-water systems.

The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

Ground-Water Hydrology:

Some minor pollution of ground-water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basis information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B.

The depths of fresh-water formations are listed in the 10-Point Subsurface Protection Plan. There would be no tangible effect on water migration in fresh-water aquifers. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Rice grass, small sage brush, shadscale, cactus, greasewood. Plants in the area are of the salt-desert-shrub types.

Proposed action would remove about 2.2 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the Bureau of Land Management. No endangered plants or animals are known to habitat on the project area. The fauna of the area consists predominantly of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used for the primary purpose of oil and gas production. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If an historic artifact, an archaeological feature or site is discovered during construction

operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings and other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and are judged to be minor. All permanent facilities placed on the location should be painted a light sand color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would not be visible to passersby and would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Uinta City, Utah. The purpose of this well is to further develop the Red Wash field for continued increase production. The drilling of this well will alter the environmental and economic impacts of the area with the net result providing an acceptable impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and U.S. Geological Survey's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

#### Land Use:

There are no National, State, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails, or other formally designated recreational facilities near the proposed location.

The proposed location is within the Bonanza Planning Unit. This Environmental Assessment Record (EAR) was compiled by the Bureau of Land Management, the surface management agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The EAR is on file in the agency's State Offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserve pits would contain all fluids used during the operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

(1) Not approving the proposed permit -- The oil and gas lease grants the Lessee exclusive right to drill for, mine, extract, remove, and dispose of all oil and gas deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under the U.S. Geological Survey and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

(2) Minor relocation of the wellsite access road or any special restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal, or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 2.2 acres of land surface from the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. The potential for fires, leaks, spills of gas, oil, or water would exist. During the construction and drilling phases of the project, noise levels would

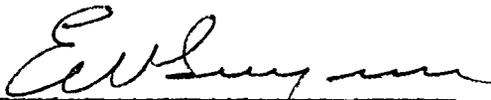
increase. Minor distractions from aesthetics during the lifetime of the project would exist. Erosion from the site would eventually be carried as sediment in the Green River.

This well will assist in an additional recovery of hydrocarbons from a known producing reservoir. This well of course make an additional commitment of resources to the public.

Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(C).

11/21/78  
Date

  
District Engineer  
U.S. Geological Survey  
Conservation Division  
Oil and Gas Operations  
Salt Lake City, Utah

Addendum:

The proposed injection interval is the Green River formation, the producing oil and gas formation in the Red Wash field. Injection water will be that produced from oil and gas wells with any additional water needs from the Green River. The casing, cementing and completion programs for this injection well have been reviewed by U.S. Geological Survey engineers. The designs are such that injected water will be confined to the Green River formation.

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
CHEVRON U.S.A. INC. #363 (24-26B)	591' FSL & 2007' FWL (SE 1/4 SW 1/4) SEC. 26 T. 7 S., R. 23 E., SLM JUNTAH COUNTY, UTAH GR. E.L. 5507	U-0566
<p>1. <b>Stratigraphy and Potential Oil and Gas Horizons.</b> The surface rocks are Duchesne River. The operator plans to drill the test to a depth of 5,700 feet into the Green River Formation. The test will be used as a water injection well. The operator has drilled numerous wells in this township so estimated tops should be very close.</p> <p>2. <b>Fresh Water Sands.</b> Fresh/usable water could occur in the sands of the Duchesne River, Minto and Green River Formations to a depth of 3,000 ± feet.</p> <p>3. <b>Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.)</b> Within oil shale withdrawal E.O. 532 The Parachute Creek member of the Green River Formation contains beds of oil shale. The most important oil shale beds are found in the Mahogany zone which should be penetrated at about 4,350 ± feet.</p> <p>4. <b>Possible Lost Circulation Zones.</b> Test could penetrate leached or saline zones in Green River Formation that could wash out.</p> <p>5. <b>Other Horizons Which May Need Special Mud, Casing, or Cementing Programs.</b> Protect any fresh/usable aquifers penetrated.</p> <p>6. <b>Possible Abnormal Pressure Zones and Temperature Gradients.</b> None expected.</p> <p>7. <b>Competency of Beds at Proposed Casing Setting Points.</b> Probably adequate.</p> <p>8. <b>Additional Logs or Samples Needed.</b> Logs are adequate to delineate oil shale beds of Green River Formation.</p> <p>9. <b>References and Remarks</b> Within Red Wash KGS.</p>		
Date: 10/26/78		Signed: R.E.G.

DRILLING PROCEDURE

Field Red Wash Well 263 (24-26B)  
 Location SE $\frac{1}{2}$ SW $\frac{1}{2}$  Sec. 26, T7S, R23E  
 Drill X Deepen \_\_\_\_\_ Elevation: GL 5517 est KB 5530 est Total Depth 5700  
 Non-Op Interests Gulf 1.18%, Caulkins 0.885%, Buttram 0.295%

1. Name of surface formation: Uinta

2. Estimated tops of important geologic markers:

Formation	Approximate Top	Formation	Approximate Top
Green River Fm	2650 (+2880)	LH	5480 (+050)
KB	5200 (+330)	Total Depth	5700
KF	5320 (+210)		

3. Estimated depths of anticipated water, oil, gas or other mineral bearing formations:

Formation	Depth	Type	Formation	Depth	Type
Green River Fm	5200	Oil			

4. Casing Program (O = old, N = new):

	Surface	O/N	Intermediate	O/N	Oil String/ Liner	O/N
Hole Size	12-1/4"				8-3/4"	
Pipe Size	9-5/8"				7"	
Grade	K				J	
Weight	36#				23#	
Depth	300'				T.D.	
Cement	To Surface				As Required	
Time WOC	6 Hrs.				6 Hrs.	
Casing Test	1000 psi				2000 psi	
BOP	10" Ser 900					
Remarks						

5. BOPE: S-900 Double Gate & Hydril

6. Mud Program:

Depth Interval	Type	Weight	Viscosity	Water Loss
0-300	Gel-Wtr			
300-3000	Wtr			
3000-T.D.	Chem-Gel	± 9	± 40 Sec.	6cc Below 5000'

7. Auxiliary Equipment: Kelly Cock, DP Safety Valve

8. Logging Program:  
 Surface Depth \_\_\_\_\_  
 Intermediate Depth \_\_\_\_\_  
 Oil String Depth \_\_\_\_\_  
 Total Depth SP-DIL base surface csg to TD; GR-CNL-FDL-Cal 2500' to TD; RFT 10 sets

9. Mud Logging Unit: Conventional 2 man unit 2500' to TD  
 Scales: 2" = 100' \_\_\_\_\_ to \_\_\_\_\_ ; 5" = 100' 2500 to TD

10. Coring & Testing Program:

Core	DST	Formations	Approximate Depth	Approximate Length of Core
Core	DST			
Core	DST			

11. Anticipated Bottom Hole Pressure/Temperatures/Hazards and plans for mitigating: BHP 2400 psi; BHT 120° F

12. Completion & Remarks: To be determined from logs.

RED WASH UNIT  
COMPLETION PROCEDURE ON  
DEVELOPMENT DRILLING WELLS

1. MI & RU. NU BOPE. Clean out to PBTD. Displace hole w/2% KCl water. Run Gamma Ray-CBL log.
2. RIH w/RBP, packer & tubing. Selectively straddle intervals as determined from log analysis of Green River Formation Sands. Swab down tubing to within 1000' of packer. RIH w/thru-tubing gun to perforate the selected Green River Formation intervals.
3. Acidize the perforated intervals w/inhibited 15% HCL acid containing additives for emulsion and scale control. Swab back spent acid-water immediately. Continue to swab to determine fluid content of perforated intervals.
4. Repeat Steps 2 and 3 to selectively test additional intervals in the Green River Formation. Any nonproductive intervals tested will be excluded by cement and/or a cast iron bridge plug.
5. Depending upon the results of the swab tests, the intervals tested will either be fracture stimulated individually or altogether. For an oil well completion, the fracture fluid will be a mixture of 60-70% Rangely crude oil and 30-40% KCl (2% ) water. The fluid will be emulsified and gelled using appropriate additives. 100 mesh sand will be used as a fluid loss additive, and 20-40 mesh sand will be used as a proppant. The total amount of fluid and sand will vary according to the amount of net effective pay that will be treated. For a gas well completion, the fracture fluid will be a 2% KCl water containing additives and gelled with 5% methanol. 20-40 mesh sand will be used as a proppant. The total amount of fluid and sand will vary according to the amount of net effective pay that will be treated.
6. Clean out to PBTD.
7. Place well on production.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

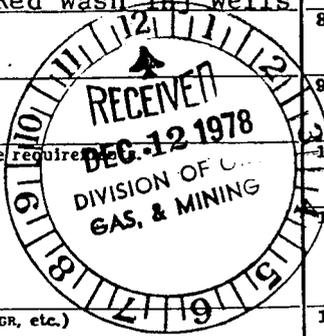
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER  Water Supply Line for Red Wash Inj Wells

2. NAME OF OPERATOR  
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 599 Denver, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
Supply Line Sec. 27 NE 1/4 & NW 1/4 of SE 1/4



5. LEASE DESIGNATION AND SERIAL NO.  
NA  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
Red Wash  
8. FARM OR LEASE NAME  
NA  
9. WELL NO.  
NA  
10. FIELD AND POOL, OR WILDCAT  
Red Wash  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 27, T7S, R23E  
12. COUNTY OR PARISH  
Uintah  
13. STATE  
Utah

14. PERMIT NO. NA 15. ELEVATIONS (Show whether DF, RT, GR, etc.) NA

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other) Construct Supply Line

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other) \_\_\_\_\_

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

17. 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.)\*

Install † 2300' of 6" line pipe as a water supply line to the injection station for Red Wash Injection Wells #262, 263, 264, 265, 266 and 269. The supply line will be cement-lined plain end welded pipe buried at a depth of 4'. Normal construction procedures will be used. Disturbed areas no longer needed for operations will be graded back to as near original state as possible. Drainage channels will be returned to original state and the area will be reseeded as prescribed by appropriate BLM personnel. Archeological clearance was received for this area 11/10/78.

NOTE: The above mentioned Red Wash wells and respective flow lines to the injection station have previously been approved. Permit No: 43-047-30517

- 43-047-30518
- 43-047-30519
- 43-047-30520
- 43-047-30521
- 43-047-30522

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: Dec. 18 1978

BY: C.B. J.../sw

\*Exhibit 4  
Maps in  
Red Wash  
# 262

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE Area Supervisor

DATE 12/08/78

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

*M P*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

U-0566

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

263 (24-26B)

10. FIELD AND POOL, OR WILDCAT

Red Wash-Green River

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

Sec. 26, T7S, R23E, SLB&M

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1.

OIL WELL  GAS WELL  OTHER  Water Injection

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

KB 5521

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS   
Well Status

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

17. 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.)\*

Date: December 31, 1978  
Well spudded December 17, 1978  
Depth at TD, 5700'

18. I hereby certify that the foregoing is true and correct

SIGNED *J. J. Johnson*

TITLE J. J. Johnson  
Engineering Assistant

DATE January 16, 1979

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.  
U-0566

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.  
263 (24-26B)

10. FIELD AND FOOT, OR WILDCAT  
Red Wash-Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 26, T7S, R23E, SLB&M

12. COUNTY OR PARISH  
Uintah

18. STATE  
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL  GAS WELL  OTHER  Water Injection

2. NAME OF OPERATOR  
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
591' FSL & 2007' FWL SE $\frac{1}{4}$ SW $\frac{1}{4}$

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
KB 5521

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	Well Status <input checked="" type="checkbox"/>		

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

17. 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.)\*

Date: January 31, 1979  
T.D. 5,700'. Waiting on completion rig.

18. I hereby certify that the foregoing is true and correct

SIGNED J. J. Johnson TITLE J. J. Johnson Engineering Assistant DATE 2/15/79

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE\*  
(See instructions on reverse side)

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. <b>U-0566</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME <b>Red Wash</b></p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. <b>263 (24-26B)</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>Red Wash-Green River</b></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 26, T7S, R23E, SLB&amp;M</b></p> <p>12. COUNTY OR PARISH <b>Uintah</b></p> <p>13. STATE <b>Utah</b></p>
<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Water Injection</b></p> <p>2. NAME OF OPERATOR <b>Chevron U.S.A. Inc.</b></p> <p>3. ADDRESS OF OPERATOR <b>P. O. Box 599, Denver, CO 80201</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <b>At surface</b></p>	<p>14. PERMIT NO.</p> <p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) <b>KB 5521</b></p>	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____ <input type="checkbox"/>	
(Other) _____	Well Status <input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. 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.)\*

Date: February 28, 1979

T.D. 5,700'. Waiting on completion rig.

18. I hereby certify that the foregoing is true and correct

SIGNED J. J. Johnson TITLE Engineering Assistant DATE 3/15/79

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. <input type="checkbox"/> OIL WELL    <input type="checkbox"/> GAS WELL    <input type="checkbox"/> OTHER    Water Injection</p> <p>2. NAME OF OPERATOR Chevron U.S.A. Inc.</p> <p>3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. U-0566</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME Red Wash</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. 263 (24-26B)</p> <p>10. FIELD AND POOL, OR WILDCAT Red Wash-Green River</p> <p>11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 26, T7S, R23E, SLB&amp;M</p> <p>12. COUNTY OR PARISH    13. STATE Uintah                      Utah</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 5521</p>	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) _____	Well Status <input checked="" type="checkbox"/>		

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

17. 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.)\*

Date: March 31, 1979

T.D. 5,700'. Waiting on Completion rig.

18. I hereby certify that the foregoing is true and correct

SIGNED J. J. Johnson TITLE Engineering Assistant DATE April 13, 1979

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection		5. LEASE DESIGNATION AND SERIAL NO. U-0566
2. NAME OF OPERATOR Chevron U.S.A. Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201		7. UNIT AGREEMENT NAME Red Wash
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 5521	9. WELL NO. 263 (24-26B)
		10. FIELD AND POOL, OR WILDCAT Red Wash-Green River
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 26, T7S, R23E, SLB&M
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) _____	Well Status <input checked="" type="checkbox"/>		

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

17. 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.)\*

Date: April 30, 1979

T.D. 5,700'. Waiting on Completion rig.

18. I hereby certify that the foregoing is true and correct

SIGNED J. J. Johnson TITLE Engineering Assistant DATE May 15, 1979

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUB ( ) TRIPPLICATE\*  
(Instructions on reverse side)

<p align="center"><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p align="center">(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. U-0566</p>																								
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Date: May 31, 1979

T.D. 5,700'. Waiting on completion rig.

18. I hereby certify that the foregoing is true and correct

SIGNED J. J. Johnson TITLE Engineering Assistant DATE June 15, 1979

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUB IN TRIPLICATE\*  
(See instructions on reverse side)

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. <p style="text-align: center;">U-0566</p>
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> <b>Water Injection</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <p style="text-align: center;">Chevron U.S.A. Inc.</p>		7. UNIT AGREEMENT NAME <p style="text-align: center;">Red Wash</p>
3. ADDRESS OF OPERATOR <p style="text-align: center;">P. O. Box 599, Denver, CO 80201</p>		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		9. WELL NO. <p style="text-align: center;">263 (24-26B)</p>
14. PERMIT NO.		10. FIELD AND FOOT, OR WILDCAT <p style="text-align: center;">Red Wash-Green River</p>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <p style="text-align: center;">KB 5521</p>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <p style="text-align: center;">Sec. 26, T7S, R23E, SLB&amp;M</p>
12. COUNTY OR PARISH		13. STATE <p style="text-align: center;">Uintah Utah</p>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON* <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> Well Status <input checked="" type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>

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

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Date: June 30, 1979  
 TD 5,700'. Waiting on completion rig.

18. I hereby certify that the foregoing is true and correct

SIGNED J. J. Johnson TITLE Engineering Assistant DATE July 16, 1979

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> <b>Water Injection</b>		5. LEASE DESIGNATION AND SERIAL NO. U-0566
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Date: July 31, 1979  
 TD 5,700'. Waiting on completion rig.

18. I hereby certify that the foregoing is true and correct

SIGNED J. J. Johnson TITLE Engineering Assistant DATE 8-16-79

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUB (L) N TRIPPLICATE\*  
Instructions on  
reverse side

*JH*

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. <p style="text-align: center;">U-0566</p>
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12. COUNTY OR PARISH <p style="text-align: center;">Uintah</p>		13. STATE <p style="text-align: center;">Utah</p>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

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TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON* <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> Well Status <input checked="" type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>

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

17. 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.)\*

Date: August 31, 1979

Well injecting. Completion notice to be submitted.

18. I hereby certify that the foregoing is true and correct

SIGNED *J. J. Johnson* TITLE J. J. Johnson Engineering Assistant DATE Sept. 16, 1979

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUB TRIPPLICATE\*  
(Instructions on reverse side)

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. U-0566
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <span style="margin-left: 20px;">Water Injection</span>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Chevron U.S.A. Inc.		7. UNIT AGREEMENT NAME Red Wash
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Date: September 30, 1979

Well injecting. Completion notice to be submitted.

18. I hereby certify that the foregoing is true and correct

SIGNED J. J. Johnson TITLE Engineering Assistant DATE Oct. 16, 1979

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

\*See Instructions on Reverse Side

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

U-0566

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

263 (24-26R)

10. FIELD AND POOL, OR WILDCAT

Red Wash - Green River

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

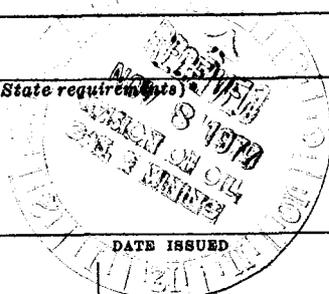
Sec. 26, T7S, R23E SLRM

12. COUNTY OR PARISH

Uintah

13. STATE

Utah



**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other Water Injection

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, Colorado 80201

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

At surface 591' FSL & 2007' FWL (SE 1/4 SW 1/4)

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

12-17-78

16. DATE T.D. REACHED

12-30-78

17. DATE COMPL. (Ready to prod.)

5-11-79

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5521 KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5700

21. PLUG, BACK T.D., MD & TVD

5561

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

Rotary

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

5188-5400 Green River Fm.

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, CNL-FDC, Micro Seis, Mudlog, RFT, Comp proc log.

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	47	329	13-3/4"	325 sxs	
7"	23	5,700	8 1/2"	600 sxs "H"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5293	5287
2-3/8"	5123	5123

31. PERFORATION RECORD (Interval, size and number)

5392-5400	5231-38	All 3 shots per foot.
5327-36	5224-27	
5308-16	5200-08	
5250-56	5188-96	

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5392-5400	400 gals 15% HCL
5308-36	750 gals 15% HCL
5188-5256	1800 gals 15% HCL

33.\* PRODUCTION

DATE FIRST PRODUCTION: ~~XXXXXXXX~~ 8-16-79 injection  
 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump):  
 WELL STATUS (Producing or shut-in): Injecting

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
 Interval 5188-5256 Inj 528 BWP(?) at 2845 psi.  
 TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
 Interval 5308-5400 Inj 439 BWP at 2065 psi.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: [Signature] TITLE: Engineering Assistant DATE: Oct. 31, 1979

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**37. SUMMARY OF POROUS ZONES:**

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
No cores	nor DST's.		

**38.**

**GEOLOGIC MARKERS**

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Uintah Fm.	Surface	
Green River Fm.	2680	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED  
JAN 30 1981

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other Water Injection

2. NAME OF OPERATOR  
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 591' FSL & 2007' FWL (SESW)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)			

5. LEASE  
U-0566

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.  
263 (24-26B)

10. FIELD OR WILDCAT NAME  
Red Wash - Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 26, T7S, R23E SLBM

12. COUNTY OR PARISH  
Utah

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
KB 5521

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. 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.)\*

It is proposed to acidize as per attached procedure.

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

DATE: 2-3-81

BY: M. J. Menden

- 3-USGS
- 2-state
- 3-partners
- 1-JAH
- 1-Sec 723
- 1-file

No additional surface disturbances required for this activity.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Arlene Bush TITLE Technical Asst DATE January 28, 1981

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

WELL NAME: RWU 263 (24-26B)

FIELD: Red Wash

PROPOSED TREATMENT PROCEDURE

1. Objective: To clean up any scale that may have accumulated in tbg strings or the wellbore.
2. Size and type of treatment: 3500 gal MOD-202 acid
3. Intervals to be treated: 5188-5256'; 5308-5400'
4. Treatment down casing or tubing: Tubing
5. Method of localizing its effects: Benzoic acid flakes to be used as diverting agents
6. Disposal of treating fluid: Spent acid will be flowed back to flat tank
7. Name of company to do work: Dowell, Halliburton or Western
8. Anticipated additional surface disturbances: None
9. Estimated work date: 2/15/81
10. Present status, current production and producing interval:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
1/80	75 BWIPD at 2750 psi through long string		360 BWIPD at 2730 psi through short string

TO: MR. \_\_\_\_\_ 19\_\_

FROM: MR. \_\_\_\_\_

SUBJECT: RWU# 263 (2A-26B) OUR FILE: \_\_\_\_\_

YOUR FILE: \_\_\_\_\_

Present Status

PBTD: 5561'

Casing: 7" 23# K-55 @ 5700'

Tubing Detail: 2 3/8", 4.7# P.L.

Long StringShort String

KB	16.50	KB	16.50
Hanger	1.00	Hanger	1.00
1 jt.	31.08	1 jt.	30.45
3 pups	18.00	1 pup	2.03
164 jts.	5056.70	164 jts	5070.20
PKr.	6.90	Stinger	<u>6.35</u>
5 jts.	156.77		5125.53'
PKr.	4.40		
X nipple	1.10		
Catch Sub	<u>.33</u>		
Tbg. measurement	5292.78'		
-16' wireline corr.	5276.78'		

Perforations (3 CJPF): 5188-96', 5200-08', 5224-27', 5231-38', 5250-56',  
5308-16', 5327-36', 5392-5400'.

TO: MR. \_\_\_\_\_

FROM: MR. \_\_\_\_\_

SUBJECT: RWU#263(24-26B)

OUR FILE: \_\_\_\_\_

YOUR FILE: \_\_\_\_\_

Well History

5/79 Completed and acidized with 2950 gal 15% HCl.  
Injectivity profiles run every 6 months to present.

Procedure:

1. RU. Move in pumping equipment to acidize down the individual tubing strings. Use MOD-202 acid w/1 gal/M Tri-S surfactant, 2 gal/M AS-5 anti-sludge, 50 gal/M parasperse paraffin cleaner, 2 gal/M HAI-50 corrosion inhibitor, and 25 lb/M Fe-2 iron sequestering agent (Halliburton products - may use equivalent brand). Overflush acid to formation w/2% KCl water. Flow back acid load. Note: pump acid @ 3-8 BPM.

a. 5188-5256' (short string): Pump 2000 gal acid. Drop 600# benzoic acid flakes spaced evenly throughout the acid. After flowing back load, overdisplace 60 gal Champion T-55 scale inhibitor and 5 gal Champion DP-61 surfactant in 600 gal produced water to the formation.

b. 5308-5400' (long string): Pump 1500 gal acid. Drop 450#

TO: MR. \_\_\_\_\_ 19\_\_

FROM: MR. \_\_\_\_\_

SUBJECT: RWU# 263 (24-26B) OUR FILE: \_\_\_\_\_

YOUR FILE: \_\_\_\_\_

benzoic acid flakes spaced evenly throughout the acid. After flowing back load, overdisplace 40 gal Champion T-55 scale inhibitor and 3 gal Champion DP-61 surfactant in 400 gal produced water to the formation.

Totals:

Acid: 3500 gal

Scale inhibitor: 100 gal

Benzoic acid flakes: 1050 #

2. Place well back on injection.

3. Rig up PLS to run injectivity profile after injection rates stabilize. Contact Denver before running profile.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other Water Injector

2. NAME OF OPERATOR  
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
P.O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 591' FSL & 2007' FWL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-0566

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Red Wash

9. WELL NO.  
263 (24-26B)

10. FIELD OR WILDCAT NAME  
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 26, T7S, R23E

12. COUNTY OR PARISH  
Utah

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
1982 KB-5521

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON\*

(other)

SUBSEQUENT REPORT OF:

RECEIVED  
MAY 14 1982  
DIVISION OF  
OIL, GAS & MINING

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. 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.)\*

It is proposed to rework well per attached procedure.

- 3-- U.S.G.S.
- 2-- State
- 3-- Partners
- 1-- Field Foreman
- 1-- Sec. 723
- 1-- File

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

DATE: 5/18/82  
BY: [Signature]

No additional surface  
disturbances required  
for this activity.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Arlene F. Bush TITLE Engineering Asst. DATE May 18, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

WELL NAME: 263 (24-26B)

FIELD: Red Wash Unit

PROPOSED TREATMENT PROCEDURE

1. Objective: Improve injection profile.
2. Size and type of treatment: 2,000 gals. 15% HCl
3. Intervals to be treated:

5466 - 58	8 ft.	16 shots	LG sand
5436 - 30	6 ft.	12 shots	LF sand
5424 - 19	5 ft.	10 shots	LE sand
4. Treatment down casing or tubing: Casing
5. Method of localizing its effects: Packer to isolate perfs and evenly distribute perf balls throughout acid.
6. Disposal of treating fluid: Swab spent acid to frac tank.
7. Name of company to do work: Halliburton, Dowell or Western
8. Anticipated additional surface disturbances: None
9. Estimated work date: 6/1/82
10. Present status, current production and producing interval:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
-------------	-------------	-------------	-------------

Injection rate March 1982

Dual Completed Injector

Short string - 702 BWPD at 2730 psi

Long string - 165 BWPD at 2750 psi

WELL NAME: 263 (24-26B)

FIELD: Red Wash Unit

PROPOSED PERFORATING PROCEDURE

- 1. Changes intended: Open L sand to water flooding - change K sand to short string.
- 2. Results anticipated: An additional ±100,000 BO recovery is anticipated.
- 3. Conditions of well which warrant such work: Poor Long string injection profile.
- 4. To be ripped or shot: Shot
- 5. Depth, number, and size of shots (or depth of rips):

5466 - 58	8 ft.	16 shots	LG sand
5436 - 30	6 ft.	12 shots	LF sand
5424 - 19	5 ft.	10 shots	LE sand

- 6. Date last Log of well filed: -----
- 7. Anticipated additional surface disturbances: None
- 8. Estimated work date: 6/1/82
- 9. Present production and status:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
-------------	-------------	-------------	-------------

3/82  
Dual Completed Injector  
Short string - 702 BWPD at 2730 psi.  
Long string - 165 BWPD at 2750 psi.

RWU NO. 263 (24-26B)  
WORKOVER PROCEDURES  
CRD2-2812  
April 22, 1982

Location

SE $\frac{1}{4}$  SW $\frac{1}{4}$ , 591' FSL 2007' FWL, Sec. 26, T7S, R23E, Uintah Co., Utah  
KB=5521, GL=5506, TD=5700, PBD=5561, Lease No. U-0566

Casing Detail

0.90 Baker Guide Shoe  
40.95 1 jt 7" 23 #/ft K-55  
1.95 Baker Fillup Collar  
1561.37 35 jts Ruff Coat as above  
4103.92 100 jts 7" 23 #/ft K-55  
-9.09 Above KB  
5700.00

Tubing Detail

Long String

16.50 KB  
14.07 Pup jt  
4.10 Pup jt  
5087.78 165 jt 2-3/8" int. coated tubing  
6.90 Otis RDH pkr  
156.77 5 jts 2-3/8" int./ext. coated tubing  
4.40 Otis RH pkr  
1.10 XN Nipple  
0.33 Ball Catcher Sub  
-1.65 Compression  
5290.30

Short String

16.50 KB  
2.04 Pup jt  
5101.27 166 jts 2-3/8" int. coated tubing  
5.35 Seal assembly/J latch  
-1.65 Compression  
5123.51

History

05/79 Initial Completion  
Perf 5400-392, 5336-27, 5316-08, 5256-50, 5238-31, 5227-24, 5208-200, 5196-88  
w/ 3 CJPF  
Acidize all intervals - 5256-24 found to communicate w/ 5208-188

Spring/81

Acidized through injection strings

Procedures

1. If well will flow, flow long string  $\pm$  200 bbl and short string  $\pm$  500 bbl.
2. Kill well w/ weighted fluids as required.
3. POOH w/ injection strings.
4. CO to PBTD.
5. Perforate the following intervals w/ 2 shots per foot. Depths are from Run No. One of Schlumberger CNL-FDC log dated 12/31/78.

5466-58	8 ft	16 shots	LG sand
5436-30	6 ft	12 shots	LF sand
5424-19	5 ft	10 shots	LE sand

6. Isolate perforations 5466-392 and acidize w/ 2000 gal 15% HCl w/ 10 gal/M FE-1A iron sequestering agent, 50 gal/M HC-2 suspending agent, 50 #/M Spacer Sperser dispersant and 2 gal/M HAI-55 corrosion inhibitor. Evenly distribute 60 perf balls throughout acid.
7. Swab back acid load.
8. RIH w/ injection strings as Denver Drilling Engineers specify. Tubing above top packer should be TK-69 internally coated; the top packer and hardware below the top packer should be internally and externally coated.  
  
Top pkr setting depth is  $\pm$  5120' - top perf @ 5188'.  
Bottom pkr setting depth is  $\pm$  5350'-56' blank from 5392 to 5336  
Annulus should be filled w/ inhibited pickling fluid and freeze blanket
9. Place well on injection @  $\pm$  900 BPD on short string and  $\pm$  300 BPD on long string. Obtain injection profile approximately 4 weeks later.

WIW

FILE IN TRIPLICATE  
FORM OGC-8-X

RECEIVED

JUL 07 1982

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

DIVISION OF  
OIL, GAS & MINING

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

Well Name & Number Red Wash Unit #275 (31-26B)  
Operator Chevron U.S.A. Inc. Address P. O. Box 599  
Denver, CO. 80201  
Contractor R. L. Manning Address 1700 Broadway, Suite 2200  
Denver, CO. 80290  
Location NW 1/4 NE 1/4 Sec. 26 T. 7S R. 23E County Uintah

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	<u>None reported</u>			
2.	_____			
3.	_____			
4.	_____			
5.	_____			

(Continue of reverse side if necessary)

Formation Tops

Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other Water Injector

2. NAME OF OPERATOR  
Chevron USA, Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 599, Denver, Co. 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 591' FWL & 2007' FWL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)			

5. LEASE  
U-0566

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.  
263(24-26B)

10. FIELD OR WILDCAT NAME  
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 26, T7S, R23E

12. COUNTY OR PARISH | 13. STATE  
Uintah | Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
KB 5521'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. 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.)\*

This well was reworked as follows:

1. MIRU, ND TREE, NU BOPE, POOH W/S.S. AND L.S.
2. C/O TO 5545' W/BIT., MADE SCRPR RUN TO 5100'.
3. PERFD 5458-66, 5430-36, 5419-24 W/2SPF.
4. ACIDIZE PERFS: 5396-5466 W/2000 GALS 15% HCL AND ADDITIVES. SWBD PERFS.
5. RIH W/INJECTION STRINGS (LONG & SHORT STRINGS). CIRC PICKLING FLDS & FREEZE BLNKT.
6. SET PKR, LAND TBG. ND BOPE NU TREE & TST SAME. RD. MOL.

3-MMS  
2-State  
3-Partne  
1-Sec 72  
1-JAH  
1-File

Present Status: Avg daily rate blls.

Monthly Input bbls. 12/82 42531 Cumm input bbls 12/82 89339.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNATURE Erin M Leonard TITLE Engineering Asst. DATE April 13, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DIVISION OF  
OIL, GAS & MINING

14

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
4241 State Office Building  
Salt Lake City, Utah 84114

WELL INTEGRITY REPORT  
\*\*\*\*\*

DATE: 5-10-83 COMPANY/OPERATOR Chevron

Water Disposal Well  Enhanced Recovery Well  Other

API Well Number 43-047-30518 Field Name Red Wash

SEC. 26 TOWNSHIP 7S RANGE 23E WELL NAME/NUMBER #263 (24-26B)

Lease Name/Number U-0566 Location SE 1/4 of SW 1/4 COUNTY: Uintah

\*\*\*\*

INITIAL CONDITIONS:

Long string Rate/Pressure: \_\_\_\_\_ bw/d 2200 psi

Short String Rate/Pressure: 1056 bw/d 2350 psi

Csg-tbg Annulus Pressure: 0 psi

CONDITIONS DURING TEST:

Long string Pressure: 2200 psi 10 Minutes Time: 12:14 to 12:24

Short string Pressure 2350 psi 10 Minutes

Csg-tbg Annulus Pressure 1500 psi

Amount of water added to annulus: \_\_\_\_\_ bbls

AFTER ANNULUS BLEED OFF:

Long string Pressure: 2200 psi

Short string Pressure: 2350 psi

Csg-tbg Annulus Pressure: 0 psi

REMARKS: Pressure held @ <sup>1500</sup>~~1500~~ psi for  
10 min. Test good.

Tom Teskja  
Operator Representative (Name)

Shakia Pratt  
UIC FIELD INSPECTOR (Witness)

Don B. Feight  
UIC FIELD INSPECTOR (Witness)

STATE OF UTAH  
 DIVISION OF OIL, GAS, AND MINING  
 ROOM 4241 STATE OFFICE BUILDING  
 SALT LAKE CITY, UTAH 84114  
 (801) 533-5771  
 (RULE I-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF  
Chevron U.S.A. Inc.  
 ADDRESS P. O. Box 599  
Denver, CO ZIP 80201  
 INDIVIDUAL  PARTNERSHIP  CORPORATION   
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
 INJECT FLUID INTO THE R/W No. 263 WELL  
 SEC. 26 TWP. 7S RANGE 23E  
Uintah COUNTY, UTAH

CAUSE NO. \_\_\_\_\_

ENHANCED RECOVERY INJ. WELL	<input checked="" type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>

APPLICATION

Comes now the applicant and shows the Division the following:

1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name <u>U-0566</u>	Well No. <u>263 (24-26B)</u>	Field <u>Red Wash</u>	County <u>Uintah</u>
Location of Enhanced Recovery Injection or Disposal Well <u>SE 1/4 SW 1/4</u> Sec. <u>26</u> Twp. <u>7S</u> Rge. <u>23E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>5/7/79</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>2700</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	State What oil & gas	
Location of Injection Source(s) <u>produced water</u>	Geologic Name(s) and Depth of Source(s) <u>Green River 4500-5600</u>		
Geologic Name of Injection Zone <u>Green River</u>	Depth of Injection Interval <u>5188</u> to <u>5466</u>		
a. Top of the Perforated Interval: <u>5188</u>	b. Base of Fresh Water: <u>2700</u>	c. Intervening Thickness (a minus b) <u>2488</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
Lithology of Intervening Zones <u>sand-shale</u>			
Injection Rates and Pressures Maximum = <u>2500 B/D, Working = 800</u> B/D Maximum = <u>3000 psi, Working = 2000</u> PSI			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent			
<u>Bureau of Land Management, State of Utah</u>			
<u>1400 University Club Building</u>			
<u>136 East South Temple</u>			
<u>Salt Lake City, Utah 84111</u>			

RECEIVED  
 JUL 20 1983

State of Colorado  
 County of Denver

R. H. Elliott  
 Applicant  
R. H. ELLIOTT  
 DIVISION OF OIL, GAS & MINING

Before me, the undersigned authority, on this day personally appeared R. H. ELLIOTT known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 19 day of July, 19 83

SEAL

Glenn J. Thompson  
 Notary Public in and for Colorado

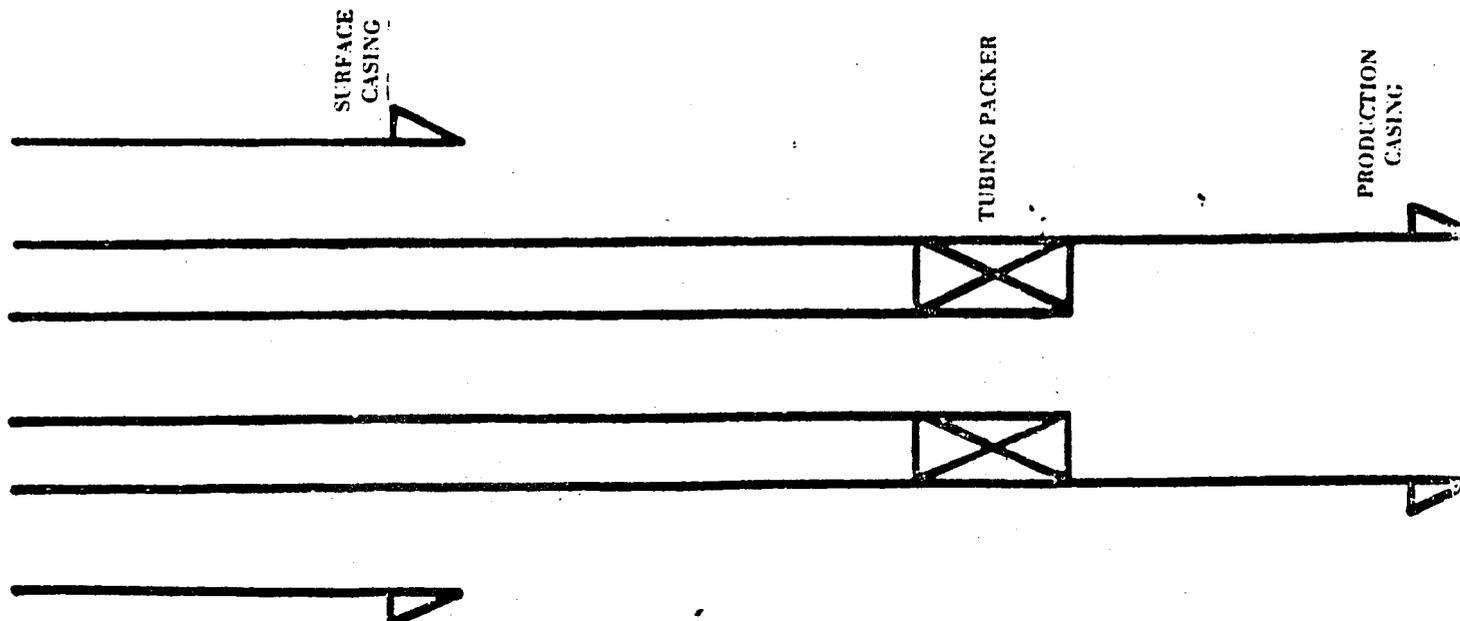
My commission expires \_\_\_\_\_

1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.
2. Attach qualitative and quantitative analysis of representative sample of water to be injected.
3. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within 1/2 mile, together and with name of operator.
4. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division.)
5. Attach Electric or Radioactivity Log of Subject well (if released).
6. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
7. The original and 6 copies of application, and one complete set of attachments shall be mailed to the Division.
8. Deliver 1 copy of application to landowner on whose land injection well is located and to each operator of a producing leasehold within 1/2 mile of injection well.
9. Affidavit of mailing or delivery shall be filed not later than five days after the application is filed.
10. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county in which the well is located. The Division shall file proof of publication before the application is approved. The notice shall include name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application will be approved administratively.
11. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed September 1st, each year.
12. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
13. If there is less intervening thickness required by Rule I-5 (b) 4 attach sworn evidence and data.

**CASING AND TUBING DATA**

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	9-5/8"	329	325	surface	returns
Intermediate					
Production	7"	5700	600	3030	CBL
Tubing	2-3/8"	5126, 5368	Name - Type - Depth of Tubing Packer Otis RDH @ 5126, Otis RH @ 5360		
<b>Total Depth</b> 5700	<b>Geologic Name - Inj. Zone</b> Green River	<b>Depth - Top of Inj. Interval</b> 5188	<b>Depth - Base of Inj. Interval</b> 5466		

SKETCH - SUB-SURFACE FACILITY



(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

DIVISION OF OIL, GAS, AND MINING  
Room 4241 State Office Building  
Salt Lake City, Utah 84114

COUNTY  
LEASE NO.

API NO 43-047-30518

640 Acres

COUNTY Uintah SEC. 26 TWP. 7S RGE. 23E

COMPANY OPERATING Chevron U.S.A. Inc.

OFFICE ADDRESS P. O. Box 599

TOWN Denver STATE ZIP CO 80201

FARM NAME Red Wash WELL NO. 263

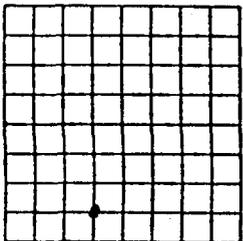
DRILLING STARTED 12/17/78 DRILLING FINISHED 12/30/78

DATE OF FIRST PRODUCTION 8/16/79 COMPLETED 5/11/79

WELL LOCATED SE 1/4 SW 1/4

591 FT. FROM SL OF 1/4 SEC. & 2007 FT. FROM WL OF 1/4 SEC.

ELEVATION SERVICE FLOOR KB 5521 GROUND 5506



Locate Well Correctly and Outline Lease

TYPE COMPLETION

Single Zone X Order No. \_\_\_\_\_

Multiple Zone \_\_\_\_\_ Order No. \_\_\_\_\_

Comingled \_\_\_\_\_ Order No. \_\_\_\_\_

LOCATION EXCEPTION

Order No. \_\_\_\_\_ Penalty \_\_\_\_\_

OIL OR GAS ZONES

Name	From	To	Name	From	To
Green River	4500	5600			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
9-5/8"	47#	C-75	329	500	325	-	surface
7"	23#	K-55	5700	4000	600	-	3030

TOTAL DEPTH 5700

PACKERS SET DEPTH 5126, 5360

COMPLETION & TEST DATA BY PRODUCING FORMATION

1

2

3

FORMATION	Green River		
SPACING & SPACING ORDER NO.	40-acre spacing		
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	Enhanced recovery		
PERFORATED	5188-96	5250-56	5419-24
INTERVALS	5200-08	5308-16	5430-36
	5224-27	5327-36	5458-66
	5231-38	5392-5400	
ACIDIZED?	All perms		
FRACTURE TREATED?	-		

INITIAL TEST DATA Not applicable - completed as water injection well

Date

Oil. bbl./day

Oil Gravity

Gas. Cu. Ft./day

Gas-Oil Ratio Cu. Ft./Bbl.

Water-Bbl./day

Pumping or Flowing

CHOKE SIZE

FLOW TUBING PRESSURE

	CF	CF

A record of the formations drilled through, and pertinent remarks are presented on the reverse. (use reverse side)

*R.H. Elliott*

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone (303) 691-7437 R.H. Elliott - Area Prod. Supt.  
Name and title of representative of company

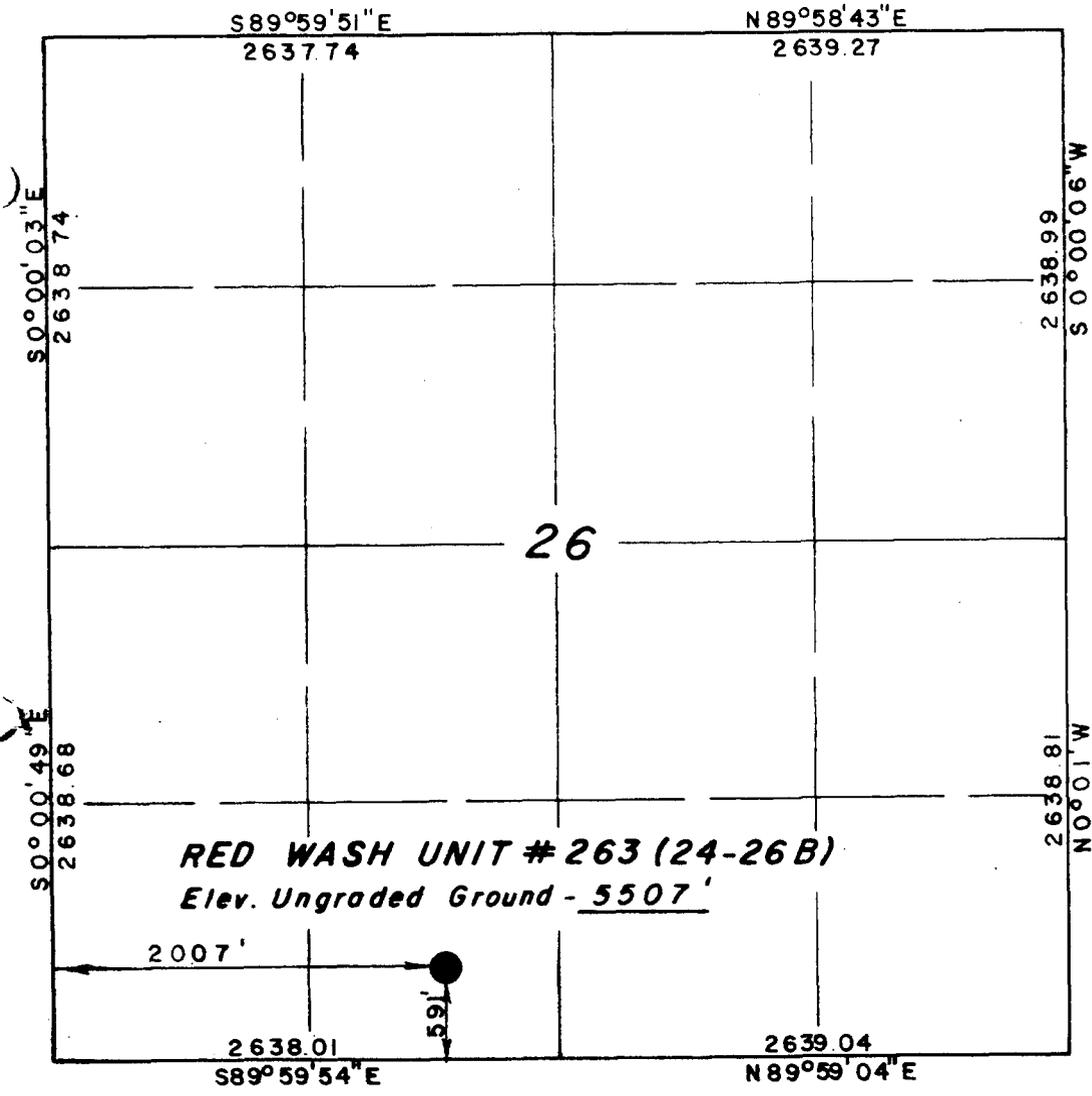
My commission expires July 5, 1987 day of July, 19 83

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_, 1983  
at South Colorado Blvd.  
Denver, CO 80222

T 7 S , R 2 3 E , S . L . B . & M .

PROJECT  
**CHEVRON U.S.A. INC.**

Well location, **RED WASH UNIT #263 (24-26B)**, located as shown in the SE 1/4 SW 1/4 Section 26, T 7 S, R 2 3 E, S . L . B . & M. Uintah County, Utah.



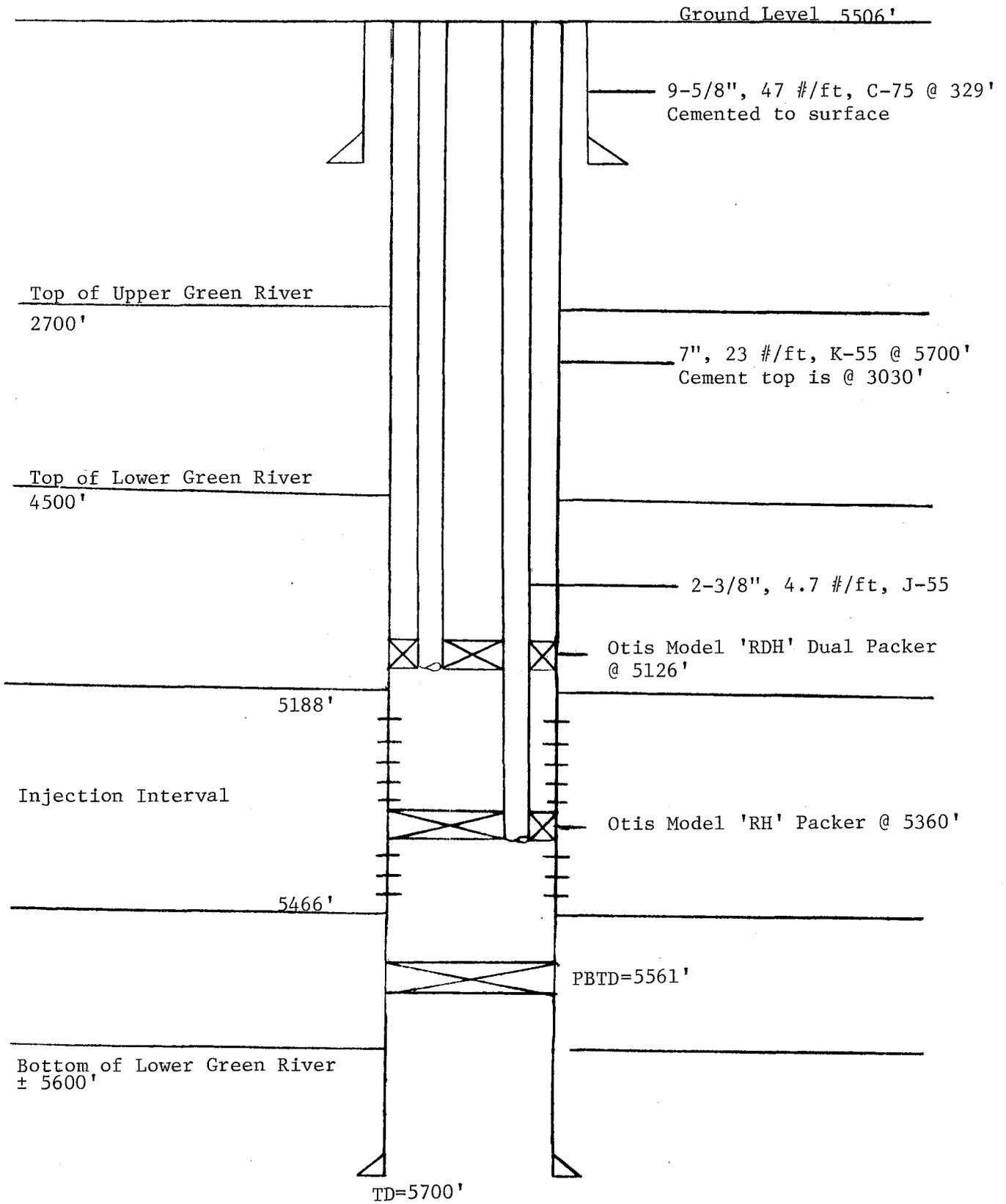
CERTIFICATE

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

*David H. ...*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> P. O. BOX Q - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078	
SCALE 1" = 1000'	DATE 9 / 28 / 78
PARTY MS KH RP	REFERENCES GLO Plat
WEATHER CLOUDY / COOL	FILE CHEVRON U S A.

X = Section Corners Located



Red Wash Unit 263 (24-26B)  
Wellbore Schematic

## CBL DESCRIPTIONS

### Injection Well

#### **RWU No. 263 (24-26B)**

The CBL indicates the cement top is at + 3030'. Good bonding is evident from 3030' to 5561'. The injection interval is from 5188' to 5466'.

### Offset Producers

#### **RWU No. 19 (34-26B)**

The CBL indicates good bond from TD (5469') to 4250' with a poor streak from 4280'-90'. Poor quality bond exists from 4250' to the cement top at 4120' with a good streak from 4180'-4200'. Current open perforations are from 4857'-64'.

#### **RWU No. 184 (23-26B)**

The CBL indicates the cement top is at 3352'. The cement bond can be described as follows: Good from 3352' to 4482', poor from 4482' to 4545', good from 4545' to 4582', poor from 4582' to 4633', good from 4633' to 4654', fair from 4654' to 4678', poor from 4678' to 4725', good from 4725' to 4766', poor from 4766' to 4808', good from 4808' to 5491'. Producing interval is from 5185' to 5433'.

#### **RWU No. 227 (14-26B)**

The bond log for No. 227 indicates a generally fair to poor cement bond. Good bonding is shown across the interval 5100'-5180'. The cement top is at 2600' and production is from the gross interval 5186'-5442'.

#### **RWU No. 231 (21-35B)**

No. 231 has a good cement bond from the top of the cement at 4300' to TD, as indicated by the bond log. The gross perforated interval is 4742'-5538'.

#### **RWU No. 280 (11-35B)**

The CBL indicates the cement top is at + 1002'. The bond is in general fair to good from the cement top to 3338'. A poor section exists from 3286' to 3338'. Bonding is of good quality from 3338' to 5960'. Temporary producing interval is from 5201' to 5488'. The subject well has been permitted and will be converted to a water injector in the near future.





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 10, 1984

Chevron U.S.A., Inc.  
P.O. Box 455  
Vernal, Utah 84078

Gentlemen:

Thank you for your letter of September 5, 1984 with respect to wells # 31-22B(150), 22-26B(262), and 12-24B(59).

Unfortunatley, I would like to add 2 more wells to the list of wells with possible mechanical problems.

Well #23-14B(34) on 8/23/84 had a casing-tubing annulus pressure of 810 psi.

Well #24-26B(263) on 9/6/84 had a CTAP of 2125 psi.

*75 23E Sec 26*

Thank you,

Cleon B. Feight  
UIC Manager

CBF/mfp

*Copy of original*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Expires August 31, 1985/85

5. LEASE DESIGNATION AND SERIAL NO.

U-0566

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

263

10. FIELD AND POOL, OR WILDCAT

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

S. 26, T7S, R23E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL  GAS WELL  OTHER

Water Injection

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.) At surface

591' FSL & 2007' FWL SESW

14. PERMIT NO.

43-047-30518

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

KB 5521'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) UIC Compliance/Profile Control

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

17. 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.)\*

RWU 263 will be reworked to bring well into compliance with UIC regulations.

The K<sub>D</sub> and L<sub>B</sub> sand will be opened to better correlate injection with offset production.

12/84 - Injecting 398 BWPD at 2620 psi down long string and 581 BWPD at 2610 psi down short string. 2500 psi on the tbg/csg annulus.

- 3 - BLM
- 2 - State
- 3 - Partners
- 1 - S. 724C
- 1 - Field
- 1 - File

No additional surface disturbances required for this activity.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Delene F. Bush*

TITLE Engineering Asst.

DATE 4/5/85

(This space for Federal or State office use)

APPROVED BY

*Delene F. Bush*

TITLE Vic Manager

DATE 4/9/85

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Location:

SE $\frac{1}{4}$ SW $\frac{1}{4}$ , 591' FSL 2,007' FWL, Sec. 26, T7S, R23E, Uintah Co., Utah  
 KB=5,521, GL=5,506, TD=5,700, PBTD=5,561, Lease No. U-0566

Casing Detail:

Baker Guide Shoe	0.90
1 jt 7" 23#/ft K-55	40.95
Baker Fillup collar	1.95
35 jts Ruff Coat as above	1,561.37
100 jts 7" 23#/ft K-55	4,103.92
Above KB	- 9.09
Landed @	5,700.00

History:

1. Initial Completion (5/79)  
 Perfs 5,188-96, 5,200-08, 5,224-27, 5,231-38, 5,250-56, 5,308-16,  
 5,327-36, 5,392-5,400 w/3 CJPF  
 Acidize all intervals - 5,224-56 found to communicate with  
 5,188-5,208
2. Acidize through injection strings (Spring, 1981)
3. Perforate, acidize, improve injection profile (9/82)  
 Perfs: 2 CJPF: 5,419-24, 5,430-36, 5,458-66  
 Acidize new perfs.  
 Change packer setting depths  
 Injection before: LS: 690 BPD @ 2,730 psi (4/82)  
                   SS: 165 BPD @ 2,825 psi (4/82)  
 Injection after: LS: 1,524 BPD @ 2,100 psi (11/82)  
                   SS: Shut in

Current Zone of Completion:

	<u>Open Perfs</u>
3 CJPF:	5,188-96
	5,200-08
	5,224-27
	5,231-38
	5,250-56
	5,308-16
	5,327-36
	5,392-5,400
2 CJPF:	5,419-24
	5,430-36
	5,458-66

Excluded Perfs

None

Tubing Detail: (9/30/82)

## Long String:

KB	15.00
1 jt 2-3/8", 4.7# J-55, EUE 8rd tbg (IC)	31.76
3 - 2-3/8" pup jts	16.11
164 jts tbg as above	5,060.20
Compression	- 1.50
1 pup jt as above	8.02
Otis "RDH" Packer	7.15
1 - 2-3/8" pup jt 4.7#, J-55 EUE 8rd tbg (I&E)	8.05
7 jts 2-3/8", 4.7#, J-55, EUE 8rd tbg (I&E)	215.66
Otis "RH" Packer	6.05
Otis "XN" Nipple	.70
Otis Ball-Sub	.50
Landed @	<u>5,367.70</u>

## Short String:

KB	15.00
1 jt 2-3/8", 4.7#, J-55 EUE 8rd tbg (IC)	31.73
1 pup jt as above	8.00
164 jts tbg as above	5,067.16
Compression	- 1.50
Otis Seal Assembly & J-Latch Locator	5.70
Landed @	<u>5,126.09</u>

RWU 263  
Red Wash Unit  
UIC Compliance

1. Back flow both tbg. strings to dissipate pressure.
2. SWIFN and determine ~~short~~<sup>SHUT</sup> in pressures.
3. RU lubricator to short string. W/L set Otis tbg. plug in "XN" nipple at 5134 feet. Bleed off pressure and make sure plug is holding.
4. MIR and RU.
5. Kill long string with predetermined kill weight fluid.
6. Set BPV's in both tbg. strings. ND tree. NU Chevron Class III BOPE and test. Install 2-3/8" offset tbg. rams over short string.
7. Release short string from dual packer. Circulate hole w/ predetermined kill weight fluid.
8. POOH w/ short string.
9. Change out rams to 2-3/8" centerbore rams and test.
10. Release dual and single Otis packer w/ straight pull. Circulate hole w/ predetermined kill weight fluid.
11. POOH w/ long string. Install 2-7/8" tbg. rams and test.
12. Make bit and scraper run to PBDT. (2-7/8" workstring)
13. RIH w/ RBP and set at <sup>± 2000</sup>~~3000~~'. ND BOPE and OTC bowl adapter. NU BOPE to Gray tbg. head and retest BOPE.
14. RIH and retrieve RBP.
15. RU lubricator. Perforate the following intervals w/ 4" csg. guns at 2 spf. (Perfs picked from CNL-FDL dated 12/31/78).

<u>Interval</u>	<u>Feet</u>
5266-70	4
5360-74	14

16. RIH w/ RBP & PKR. Isolate perfs 5360-74. B/D and establish injection at 1500 psi using produced water. Acidize if necessary. Check for communication across blank 5336-60.

RWU 263 (Continued)  
Red Wash Unit  
UIC Compliance

17. Release PKR and retrieve RBP. Isolate perms 5266-70. B/D and establish injection at 1500 psi using produced water. Acidize if necessary. Check for communication across blank 5256-66.
18. Release PKR and retrieve RBP. Set RBP at 5100'. Pressure test csg. to 1500 psi.
19. POOH w/ PKR and RBP. L/D WS.
20. RU lubricator and test. Make W/L junk basket-gauge ring run to  $\pm 5400'$ .
21. W/L set Otis "WB" permanent Packer at 5345'. (Depth picked from CNL-FDL dated 12/31/78). Pakcer TK-69 coated.
22. Install 2-3/8" centerbore rams and test.
23. Hydrotest in hole w/ longstring and Otis "RDH" Packer. Test to 5000 psi. Tubing between packers and packers should be internally and externally coated. Tubing above dual packer internally coated only. Space out such that "RDH" Packer will be set at 5120'. (See Otis schematic).
24. Land long string. Install BPV. Change out rams to 2-3/8" offsets and test.
25. Hydrotest in hole w/ short string to 5000 psi.
26. Latch into "RDH" Packer. Drop ball and set dual packer.
27. Release short string and space out. Circ. hole with packer fluid and freeze blanket.
28. Reland short string. Set BPV.
29. ND BOPE. NU tree and test.
30. Retrieve BPV's.
31. Pressure test annulus to 1500 psi for 30 minutes. Notify UIC 24 hours in advance of test.
32. RD MOL. TWOTP.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved,  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-0566

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL  GAS WELL  OTHER Water injector

NOV 19 1987

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

2. NAME OF OPERATOR

Chevron U.S.A. Inc., Room 11111

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface

591' FSL & 2007' FWL SE 1/4 SW 1/4

9. WELL NO.

263 (24-26B)

10. FIELD AND POOL, OR WILDCAT

Red Wash - Green River

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

Sec. 26, T7S, R23E, SLBM

14. PERMIT NO.

43-047-30518

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

5507' GR

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(Other)

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

17. 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.)\*

It is proposed to pull leaking dual injection string, exclude non-effective injection zones, complete additional injection zone, install single injection string and return RWU #263 to injection as follows:

1. MIR. Kill well as necessary. N/D tree. N/U BOPE. Pull dual injection string.
2. CO to 5545' (PBTD). Run retr. tools. Pressure test casing to 1000 psi - isolate & repair leaks, if any.
3. Set CICR @ 5415'±. Cmt squeeze perfs 5419-66' w/±100 sx.
4. Perforate 5360-68', 5266-70' @ 4 SPF. Correlate to Schl. CNL-FDL 12-13-78 #1.
5. Acidize 5360-68' & 5266-70' w/500 gal 15% HCl each. Swab back.
6. Test SIE pkr seats for communication. Install 2-pkr S.I.E. Circulate packer fluid.
7. N/D BOPE. N/U tree & test. Set pkr. Conduct pressure test on casing for UIC compliance and record.
8. RD MOL. Place well on injection.

B-BLW  
B-State  
EEM  
MWD  
B-Prig  
J-FRE

18. I hereby certify that the foregoing is true and correct

SIGNED

*[Signature]*

TITLE

Office Assistant

DATE

11-13-87

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 11-24-87

\*See Instructions on Reverse Side

Federal approval of this action  
is required before commencing  
operations.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLE  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

14

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injector		7. UNIT AGREEMENT NAME Red Wash
2. NAME OF OPERATOR Chevron U.S.A. Inc., Room 11111		8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR P.O. Box 599, Denver, CO 80201		9. WELL NO. 263 (24-26B)
4. LOCATION OF WELL (Report location clearly and in accordance with State requirements. See also space 17 below.) At surface  591' FSL & 2007' FWL (SE $\frac{1}{4}$ , SW $\frac{1}{4}$ )		10. FIELD AND POOL, OR WILDCAT Red Wash - Green River
14. PERMIT NO. 43-047-30518	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5507' GR	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 26, T7S, R23E, SLBM
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

RECEIVED  
MAY 2 1988

DIVISION OF  
OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>			

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and 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.)

- Moved-in Gudac Well Service Rig #1 on 4/11/88. Kill well. POOH w/ dual induction string.
- C/o to PBTD @ 5540'.
- Set CICR @ 5414', cement squeezed L<sub>F</sub> perms (5419'-24') L<sub>F</sub> perms (5430'-36') & L<sub>G</sub> perms (5458'-66') w/100 sxs I-H neat cement.
- Perforate L<sub>B</sub> Fm (5360'-68') & K<sub>D</sub> Fm (5266-70').
- Acidize L<sub>B</sub> perms w/ 500 gals 15% HCL plus additives. Flow/swab back acid load.
- Test SIE pkr seats for communication.
- Install 2-pkr SIE, Hydrotest 2-7/8" IPC injection tubing to 4000 psi. Circulate corrosion - inhibited packer fluid.
- Set 2-pkr SIE w/ pkr's @ 5091' & 5291', pressure test casing annulus to 750 psi F1 30 min. for UIC Intergrity Test.
- RDMO on 4/26/88, TWOTI.

3-BLM  
3-State  
2-Partners  
1-EEM  
1-MKD  
3-Drlg  
1-PLM  
1-Sec. 724-C  
1-File  
1-COS

18. I hereby certify that the foregoing is true and correct

SIGNED J. B. Watson TITLE Technical Assistant DATE 4-29-88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other *W1W*  
 2. Name of Operator  
 CHEVRON U.S.A. PRODUCTION CO.  
 3. Address and Telephone No.  
 P.O. BOX 599, DENVER, CO. 80201 (303) 930-3691  
 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 591 FSL, 2007 FWL, SEC. 26, T7S, R23E

5. Lease Designation and Serial No.  
 U- 0566  
 6. If Indian, Allottee or Tribe Name  
 7. If Unit or CA, Agreement Designation  
 RED WASH  
 8. Well Name and No.  
 263 (24-26B)  
 9. API Well No.  
 43-047-30518  
 10. Field and Pool, or Exploratory Area  
 RED WASH - GRN. 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 type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>STATUS</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.)

THIS WELL IS SHUT IN WHILE UPGRADING WELL TEST FACILITIES. WE WILL RE-EVALUATE STATUS AFTER WELL TEST FACILITIES UPGRADES HAVE BEEN COMPLETED.

- 3 - BLM
- 3 - STATE
- 1 - JTC
- 1 - WELL FILE
- 1 - JLW

**RECEIVED**

APR 15 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct  
 Signed [Signature] Title PERMIT SPECIALIST Date 4/8/92

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

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil  Gas   
Well  Well  Other  **WIW**

2. Name of Operator  
**Chevron U.S.A. Inc.**

3. Address and Telephone No.  
**P.O. Box 455, Vernal, Utah 84078 (801) 789-2442**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**591 FSL, 2007 FWL, SEC. 26, T7S, R23E**

5. Lease Designation and Serial No.  
**U-0566**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**RWU #263 (24-26B)**

9. API Well No.  
**43-047-30518**

10. Field and Pool, or Exploratory Area  
**Red Wash-Grn. 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 type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" 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 _____
	<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.)

**Well test facility upgrades were completed in 1992. We plan to re-evaluate this shut-in injection well during 1993.**

**RECEIVED**

**FEB 18 1993**

**DIVISION OF  
OIL GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Signed

*Christa Raugh*

Title

*Oper. Assistant*

Date

**02/09/93**

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any:

# Mechanical Integrity Test Casing or Annulus Pressure Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Implementation Section, 8WM-DW  
999 18th Street, Suite 500, Denver, CO 80202-2466

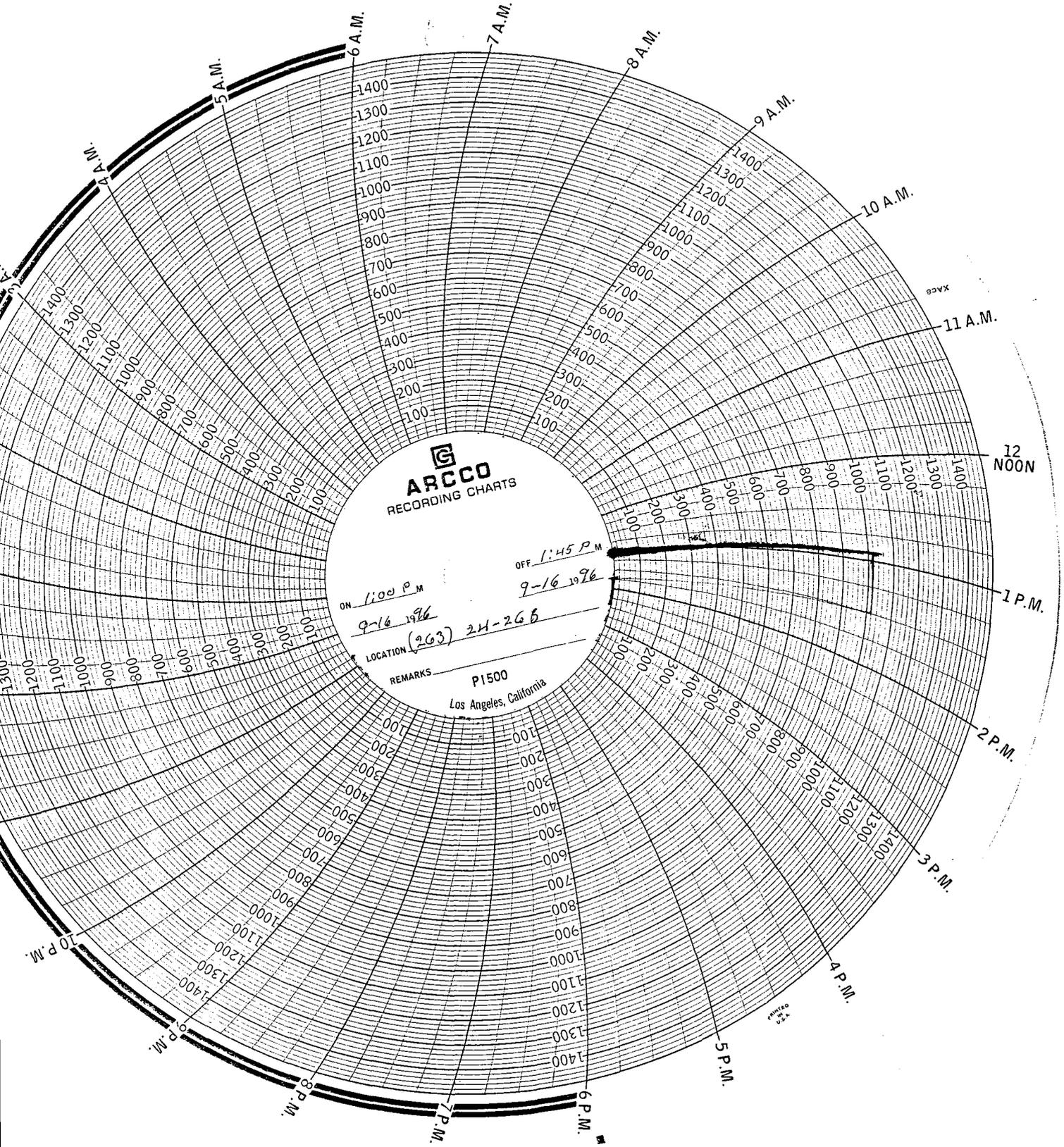
EPA Witness: \_\_\_\_\_ Date 9/16/98 Time 1:00 am/pm  
 Test conducted by: Big Red Hot Oil Serv. D. Hadlock  
 Others present: \_\_\_\_\_

Well: #263 (24-26B) Field: Redwash 43-047-30518 Well Location: SESW-26-7S-23E	Well ID: EPA-ID# UTO 2448 Company: CUSA Address: 11002 East 17500 SO. Vernal, Utah 84078-8526
---	--

Time	Test #1	Test #2	Test #3
0 min	<u>1000</u> psig	_____ psig	_____ psig
5	_____	_____	_____
10	<u>1000</u>	_____	_____
15	_____	_____	_____
20	<u>1000</u>	_____	_____
25	_____	_____	_____
30 min	<u>1000</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____
Tubing press	<u>600</u> psig	_____ psig	_____ psig

Result (circle) Pass Fail      Pass Fail      Pass Fail

Signature of EPA Witness: \_\_\_\_\_  
 See back of page for any additional comments & compliance followup.



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.  
U-0566

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

7. If Unit or CA, Agreement Designation  
RED WASH UNIT

8. Well Name and No.  
RED WASH UNIT 263 (24-26B)

9. API Well No.  
43-047-30518

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 INJECTOR

2. Name of Operator  
CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.  
11002 E. 17500 S. VERNAL, UT 84078-8526  
Steve McPherson in Red Wash (801) 781-4310  
or Gary Scott in Rangely, CO. (970) 675-3791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
591' FSL & 2007' FWL (SE SW) SECTION 26, T7S, R23E, SLBM

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

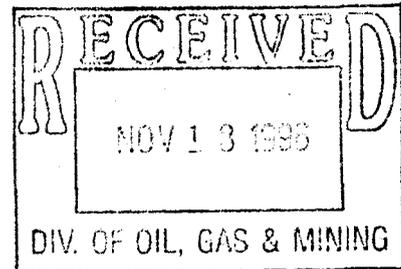
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other <u>TA STATUS OF WELL</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)

CHEVRON IS REQUESTING AN EXTENSION OF THE TEMPORARILY ABANDONED STATUS OF THIS WELL FOR A POSSIBLE WATERFLOOD REALIGNMENT. THIS WELL MEETS EPA STANDARDS FOR TA'd INJECTION WELLS.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**



14. I hereby certify that the foregoing is true and correct.  
Signed G.D. SCOTT *G.D. Scott* Title DRILLING TECHNICIAN Date November 4, 1996

(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  
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  Well      Gas  Well       Other      WATER INJECTOR

2. Name of Operator  
**CHEVRON U.S.A. PRODUCTION COMPANY**

3. Address and Telephone No  
**11002 E. 17500 S. VERNAL, UT 84078-8526**      **(801) 781-4300**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**591' FSL & 2007' FWL (SE SW) SECTION 26, T7S, R23E, SLBM**

5. Lease Designation and Serial No.  
**U-0566**

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

7. If Unit or CA, Agreement Designation  
**RED WASH UNIT**

8. Well Name and No.  
**RED WASH UNIT 263 24-26B**

9. API Well No.  
**43-047-30518**

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

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

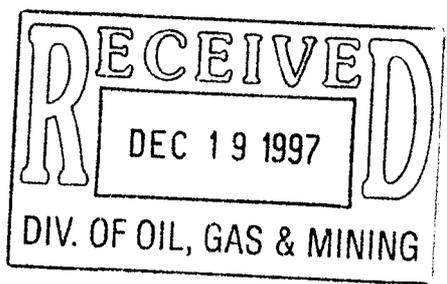
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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>TA STATUS OF WELL</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)

**CHEVRON IS REQUESTING A TA STATUS ON THE ABOVE WELL. THIS WELL HAS POTENTIAL FUTURE USE IN RECONFIGURED PATTERN WATERFLOOD.**



14. I hereby certify that the foregoing is true and correct.

Signed D C Janner Title COMPUTER SYSTEMS OPERATOR Date 12/10/97

(This space for Federal or State office use)

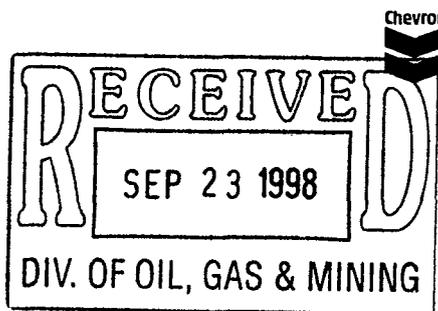
Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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.

SEPTEMBER 21, 1998

MECHANICAL INTEGRITY TESTS  
RED WASH UNIT  
UINTAH COUNTY, UTAH



**Chevron**

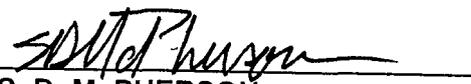
Chevron U.S.A. Production Co.  
Rocky Mountain Basin  
Red Wash Asset Team  
11002 East 17500 South  
Vernal, UT 84078-8526  
(435) 781-4300

MR. JOHN CARSON  
UIC IMPLEMENTATION SECTION  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION VIII  
999 18th STREET - SUITE 500  
DENVER, CO 80202-2466  
8ENF-T

Dear Mr. Carson:

Documentation for <sup>7</sup>/~~six~~ recently conducted mechanical integrity tests are enclosed for your review. All wells successfully passed the required test and this completes testing for 1998. If you have any questions or need additional information, please contact me at (435) 781-4310.

Sincerely,

  
S. D. McPHERSON  
SENIOR PETROLEUM ENGINEER

cc Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, UT 84114-5801  
Attn. Mr. Gil Hunt

U.S Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

# Mechanical Integrity Test Casing or Annulus Pressure Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Implementation Section, 8WM-DW  
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date 9/17/11 Time 9:00 am/pm  
 Test conducted by: Mike Johnson (BIG RED HOT OIL INC.)  
 Others present: NONE

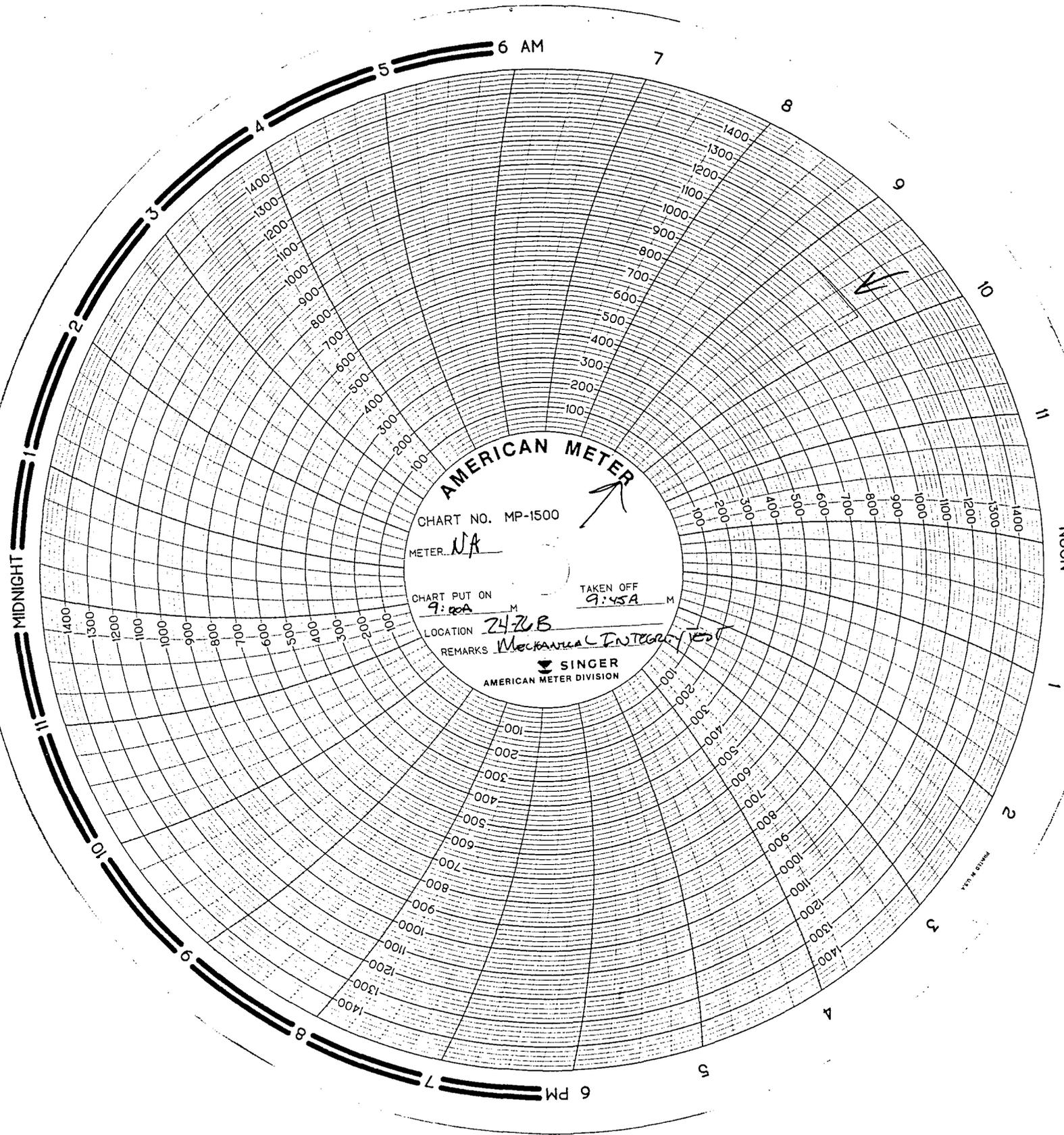
Well: <u>RWLL #263(24-26B)</u> Field: <u>Red Wash</u> Well Location: <u>SE/SW Sec. 26 T 7S- R23E</u>	Well ID: <u>API# 43-049-30518</u> EPA#- <u>LT02448</u> Company: <u>Chivon USA Production</u> Address: <u>11002 East 17300-Dr.</u> <u>Jeanel Lt. 84078-8526</u>
--	--

Well Status - T.A.

Time	Test #1	Test #2	Test #3
0 min	<u>1100</u> psig	_____ psig	_____ psig
5	<u>1100</u>	_____	_____
10	<u>1100</u>	_____	_____
15	<u>1100</u>	_____	_____
20	<u>1095</u>	_____	_____
25	<u>1095</u>	_____	_____
30 min	<u>1090</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____
Tubing press	<u>1100</u> psig	_____ psig	_____ psig

Result (circle) Pass Fail      Pass Fail      Pass Fail

Signature of EPA Witness: \_\_\_\_\_  
 See back of page for any additional comments & compliance followup.



AMERICAN METER

CHART NO. MP-1500

METER NA

CHART PUT ON 9:00 <sup>M</sup>

TAKEN OFF 9:45 <sup>M</sup>

LOCATION 247B

REMARKS Mechanical Integrity Test

SINGER  
AMERICAN METER DIVISION

MADE IN U.S.A.

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Gas  
 Well  Well  Other WATER INJECTOR

2. Name of Operator  
**CHEVRON U.S.A. PRODUCTION COMPANY**

3. Address and Telephone No  
**11002 E. 17500 S. VERNAL, UT 84078-8526** (801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**591' FSL & 2007' FWL (SE SW) SECTION 26, T7S, R23E, SLBM**

5. Lease Designation and Serial No.  
**U-0566**

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

7. If Unit or CA, Agreement Designation  
**RED WASH UNIT**

8. Well Name and No.  
**RED WASH UNIT 263 24-26B**

9. API Well No.  
**43-047-30518**

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

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

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

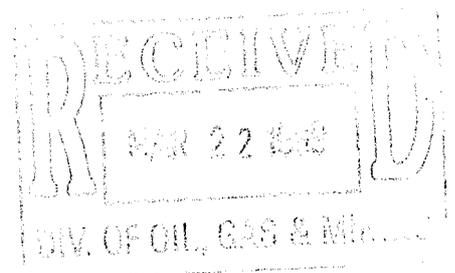
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>TA STATUS FOR WELL</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)

WE REQUEST A TA STATUS APPROVAL FOR THIS WELL.

WE PLAN TO RE-EVALUATE THIS WELL FOR POSSIBLE FUTURE CONVERSION TO A PRODUCER.



14. I hereby certify that the foregoing is true and correct.  
 Signed D. C. BEAMAN *DC Beaman* Title COMPUTER SYSTEMS OPERAOTR Date 3/18/1999

(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

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

# RECEIVED

FEB 07 2000

DIVISION OF  
OIL, GAS AND MINING

IN REPLY REFER TO  
UT-931

February 4, 2000

Shenandoah Energy Inc.  
Attn: Rae Cusimano  
475 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Red Wash Unit  
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy 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 February 4, 2000. 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 the Red Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in 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

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining  
Minerals Adjudication Group U-932  
File - Red Wash Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:2/4/00

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

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Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil  Gas   
 Well  Well  Other WATER INJECTOR

2. Name of Operator  
SHENANDOAH ENERGY, INC

3. Address and Telephone No  
11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
591' FSL & 2007' FWL (SE SW) SECTION 26, T7S, R23E, SLBM

5. Lease Designation and Serial No.  
**U-0566**

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

7. If Unit or CA, Agreement Designation  
RED WASH UNIT

8. Well Name and No.  
RED WASH UNIT 263 24-26B

9. API Well No.  
43-047-30518

10. Field and Pool, or Exploratory Area  
RED WASH - GREEN 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 type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" 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>TA STATUS FOR WELL</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)

WE REQUEST A TA STATUS APPROVAL FOR THIS WELL.

WE PLAN TO RE-EVALUATE THIS WELL FOR POSSIBLE FUTURE CONVERSION TO A PRODUCER.

**RECEIVED**  
APR 17 2000  
DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.  
Signed D. C. BEAMAN *Douglas Beaman* Title OFFICE MANAGER Date 04/13/00

(This space for Federal or State office use)

The Extension for Shut-in or Temporarily Abandonment may be issued, in accordance with **Accepted by the**  
R649-3436 T. 1, 1.2 & 1.3, upon receipt and review, by the Division of Oil, Gas & Mining of **Utah Division of**  
**Oil, Gas & Mining**  
M. Robertson 10 Mar 2000

\*See instruction on Reverse Side

COPY SENT TO OPERATOR  
Date: 4-20-00  
Initials: CHD

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attachment

Field or Unit name: \_\_\_\_\_ API no. \_\_\_\_\_

Well location: QQ \_\_\_\_\_ section \_\_\_\_\_ township \_\_\_\_\_ range \_\_\_\_\_ county \_\_\_\_\_

Effective Date of Transfer: \_\_\_\_\_

CURRENT OPERATOR

Transfer approved by:

Name R.K. Wackowski Company Chevron Production Co.

Signature [Signature] Address 100 Chevron Rd.

Title Unit Manager Rangely, Colo. 81648

Date 7/28/00 Phone (970) 675-3714

Comments:

NEW OPERATOR

Transfer approved by:

Name John Conley Company Shenandoah Energy Inc.

Signature [Signature] Address 11002 E. 17500 S.

Title District Manager Vernal, UT 84078

Date 7-21-00 Phone ( 435 ) 781-4300

Comments:

(State use only)

Transfer approved by [Signature] Title Tech. Services Manager

Approval Date 8-24-00

RECEIVED

AUG 9 2000

DIVISION OF

# SHENANDOAH ENERGY INC.

11002 E. 17500 S.  
VERNAL, UT 84078  
PHONE: (435) 781-4300  
FAX: (435) 781-4329

## RED WASH UNIT

RW #11 (34-27B)	SWSE-27-7S-23E	43-047-15142
RW #14 (14-13B)	SWSW-13-7S-23E	43-047-15144
RW #148 (13-22B)	NWSW-22-7S-23E	43-047-15261
RW #156 (23-15B)	NESW-15-7S-23E	43-047-15267
RW #17 (41-20B)	NENE-20-7S-23E	43-047-15146
RW #173 (21-21B)	NENW-21-7S-23E	43-047-16496
RW #174 (21-20B)	NENW-20-7S-23E	43-047-15281
RW #182 (14-21B)	SWSW-21-7S-23E	43-047-16497
RW #183 (33-13B)	NWSE-13-7S-23E	43-047-15289
RW #185 (41-14B)	NENE-14-7S-23E	43-047-16498
RW #2 (14-24B)	SWSW-24-7S-23E	43-047-16472
RW #23 (21-23B)	NENW-23-7S-23E	43-047-15151
RW #25 (23-23B)	NESW-23-7S-23E	43-047-16476
RW #261 (23-17B)	NESW-17-7S-23E	43-047-32739
RW #264 (31-35B)	NWNE-35-7S-23E	43-047-30519
RW #268 (43-17B)	NESE-17-7S-23E	43-047-32980
RW #275 (31-26B)	NWNE-26-7S-23E	43-047-31077
RW #279 (11-36B)	NWNW-36-7S-23E	43-047-31052
RW #34 (-23-14B)	NESW-14-7S-23E	43-047-15161
RW #56 (41-28B)	NENE-28-7S-23E	43-047-15182
RW #59 (12-24B)	SWNW-24-7S-23E	43-047-16477
RW #6 (41-21B)	NENE-21-7S-23E	43-047-16482
RW #91 (33-22B)	NWSE-22-7S-23E	43-047-16479
RW #93 (43-27B)	NESE-27-7S-23E	43-047-16480
RW #134 (14-28B)	SWSW-28-7S-23E	43-047-16489
RW #139 (43-29B)	NESE-29-7S-23E	43-047-16490
RW #150 (31-22B)	NWSE-22-7S-23E	43-047-15263
RW #16 (43-28B)	NESE-28-7S-23E	43-047-16475
RW #170 (41-15B)	NENE-15-7S-23E	43-047-16495
RW #263 (24-26B)	SESW-26-7S-23E	43-047-30518
RW #265 (44-26B)	SESE-26-7S-23E	43-047-30520
RW #266 (33-26B)	NWSE-26-7S-23E	43-047-30521
RW #269 (13-26B)	NWSW-26-7S-23E	43-047-30522
RW #271 (42-35B)	SENE-35-7S-23E	43-047-31081
RW #68 (41-13B)	NENE-13-7S-23E	43-047-16485
RW #97 (23-18C)	NESW-18-7S-24E	43-047-15216
RW #7 (41-27B)	NENE-27-7S-23E	43-047-15205
RW #324 (23-16B)	NESW-16-7S-23E	
RW #301 (43-15B)	NESE-15-7S-23E	43-047-31682
RW #100A (43-21A)	NESE-21-7S-22E	43-047-15219
RW #199 (43-22A)	NESE-22-7S-22E	43-047-15301
RW #216 (21-27A)	NENW-21-7S-22E	43-047-30103
RW #258 (34-22A)	SWSE-22-7S-22E	43-047-30458
RW #202 (21-34A)	NENW-34-7S-22E	43-047-15303
RW 3215 (43-28A)	NESE-28-7S-22E	43-047-30058
RW #61 (12-27A)	SWNW-27-7S-22E	43-047-16478
RW #102 (41-24A)	NENE-24-7S-23E	43-047-15221
RW #88 (23-18B)	NESW-18-7S-23E	43-047-15210
RW #283 (43-18B)	NESE-18-7S-23E	43-047-32982
RW #52 (14-18B)	SWSW-18-7S-23E	43-047-15178
RW #161 (14-20B)	SWSW-20-7S-23E	43-047-15271

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH	4-KAS ✓
2. CDW	5-SJ ✓
3. JLT	6-FILE

Enter date after each listed item is completed

**X Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: 01/01/2000

**FROM:** (Old Operator):  
 CHEVRON USA INC  
 Address: 11002 E. 17500 S.  
 VERNAL, UT 84078-8526  
 Phone: 1-(435)-781-4300  
 Account No. N0210

**TO:** ( New Operator):  
 SHENANDOAH ENERGY INC  
 Address: 11002 E. 17500 S.  
 VERNAL, UT 84078  
 Phone: 1-(435)-781-4300  
 Account No. N4235

**CA No. Unit: RED WASH**

**WELL(S)**

NAME	API	ENTITY	SECTION	TOWNSHIP	RANGE	LEASE
RWU 100A (43-21A) (wiw)	43-047-15219	5670	21	07S	22E	FEDERAL
RWU 216 (21-27A) (wiw)	43-047-30103	99996	21	07S	22E	FEDERAL
RWU 199 (43-22A) (wiw)	43-047-15301	99996	22	07S	22E	FEDERAL
RWU 61 (12-27A) (wiw)	43-047-16478	99996	27	07S	22E	FEDERAL
RWU 215 (43-28A) (wiw)	43-047-30058	99996	28	07S	22E	FEDERAL
RWU 202 (21-34A) (wiw)	43-047-15303	99996	34	07S	22E	FEDERAL
RWU 68 (41-13B) (wiw)	43-047-16485	99996	13	07S	23E	FEDERAL
RWU 170 (41-15B) (wiw)	43-047-16495	99996	15	07S	23E	FEDERAL
RWU 324 (23-16B) (wiw)	43-047-33084	99999	16	07S	23E	FEDERAL
RWU 88 (23-18B) (wiw)	43-047-15210	5670	18	07S	23E	FEDERAL
RWU 150 (31-22B) (wiw)	43-047-15263	99996	22	07S	23E	FEDERAL
RWU 102 (41-24A) (wiw)	43-047-15221	5670	24	07S	23E	FEDERAL
RWU 263 (24-26B) (wiw)	43-047-30518	99996	26	07S	23E	FEDERAL
RWU 265 (44-26B) (wiw)	43-047-30520	99996	26	07S	23E	FEDERAL
RWU 266 (33-26B) (wiw)	43-047-30521	99996	26	07S	23E	FEDERAL
RWU 269 (13-26B) (wiw)	43-047-30522	99996	26	07S	23E	FEDERAL
RWU 93 (43-27B) (wiw)	43-047-16480	99996	27	07S	23E	FEDERAL
RWU 134 (14-28B) (wiw)	43-047-16489	99996	28	07S	23E	FEDERAL
RWU 16 (43-28B) (wiw)	43-047-16475	99996	29	07S	23E	FEDERAL
RWU 139 (43-29B) (wiw)	43-047-16490	99996	29	07S	23E	FEDERAL
RWU 271 (42-35B) (wiw)	43-047-31081	5670	35	07S	23E	FEDERAL
RWU 97 (23-18C) (wiw)	43-047-15216	99996	18	07S	24E	FEDERAL

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/30/1999
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08/09/2000
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 08/23/2000



**MECHANICAL INTEGRITY TEST  
CASING OR ANNULUS PRESSURE TEST**

U.S. ENVIRONMENTAL PROTECTION AGENCY  
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8ENF-T)  
999 18TH STREET, SUITE 500, DENVER, CO. 80202-2466

EPA WITNESS: \_\_\_\_\_ DATE: 9/6/00 TIME: 1:00PM AM/PM

TEST CONDUCTED BY: Mike Johnson *Mike Johnson CO BIG RED.*

OTHERS PRESENT: \_\_\_\_\_

WELL:	<u>RedWash Unit #263(24-26B)</u>	WELL ID. API # <u>43-047-30518</u> EPA # <u>UT02448</u>
FIELD:	<u>REDWASH</u>	COMPANY: <u>SHENANDOAH ENERGY INC.</u>
WELL LOCATION:	<u>SESW-26-7S-23E</u>	ADDRESS: <u>11002 EAST 17500 SOUTH</u> <u>VERNAL, UTAH 84078</u>
WELL STATUS:	<u>TA</u>	

TIME	TEST #1 CASING PRESSURE	TIME	TEST #2 CASING PRESSURE	TIME	TEST #3 CASING PRESSURE
<u>1:00PM</u>	<u>0 MIN 1080PSI</u>	_____	_____	_____	_____
<u>1:05PM</u>	<u>5 1080PSI</u>	_____	_____	_____	_____
<u>1:10PM</u>	<u>10 1080PSI</u>	_____	_____	_____	_____
<u>1:15PM</u>	<u>15 1080PSI</u>	_____	_____	_____	_____
<u>1:20PM</u>	<u>20 1080PSI</u>	_____	_____	_____	_____
<u>1:25PM</u>	<u>25 1080PSI</u>	_____	_____	_____	_____
<u>1:30PM</u>	<u>30 MIN 1080PSI</u>	_____	_____	_____	_____
_____	<u>35</u>	_____	_____	_____	_____
_____	<u>40</u>	_____	_____	_____	_____
_____	<u>45</u>	_____	_____	_____	_____
_____	<u>50</u>	_____	_____	_____	_____
_____	<u>55</u>	_____	_____	_____	_____
_____	<u>60 MIN</u>	_____	_____	_____	_____

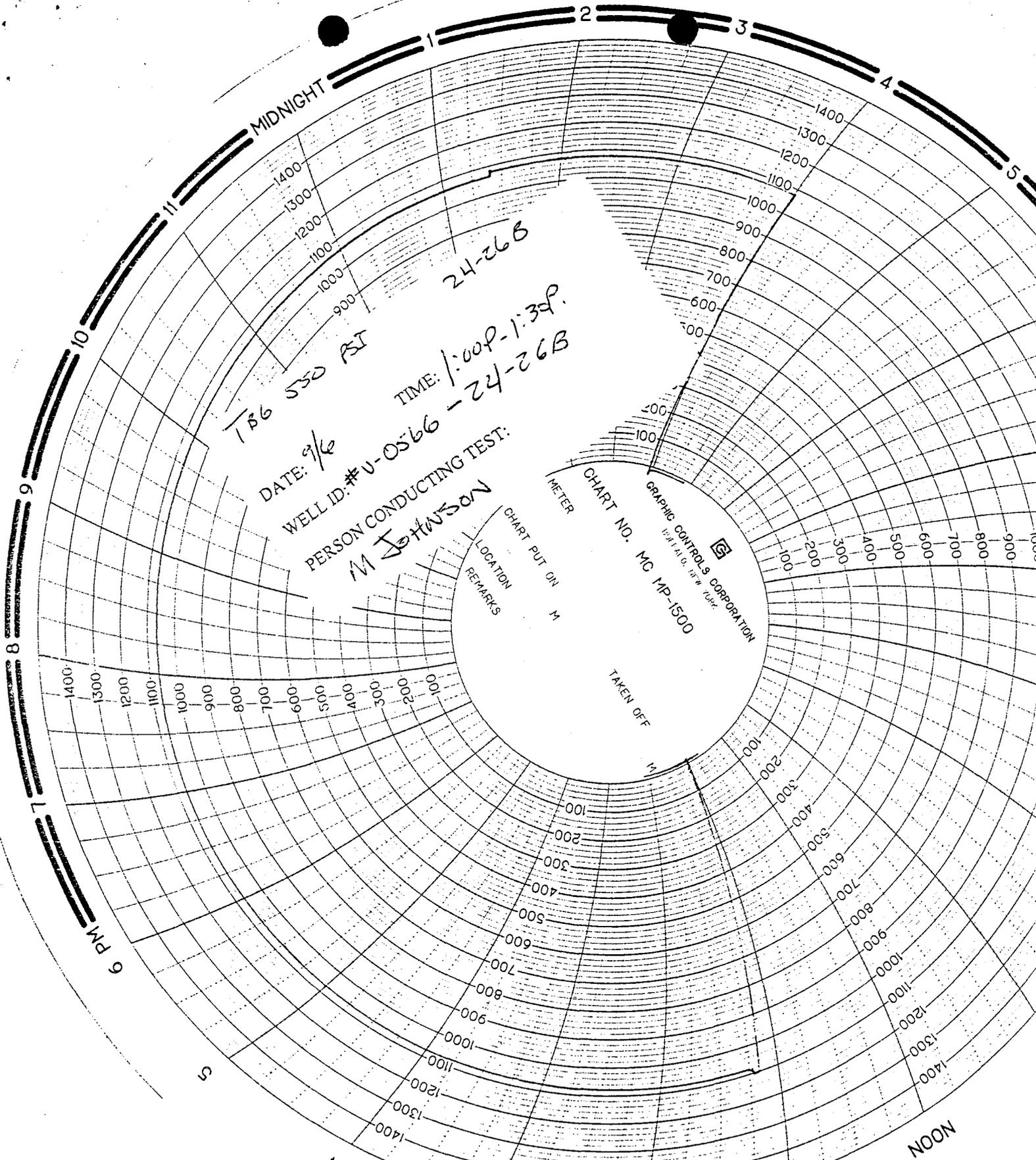
START TUBING PRESSURE, PSIG 550PSI

END TUBING PRESSURE, PSIG 550PSI

RESULTS (CIRCLE) PASS FAIL

SIGNATURE OF EPA WITNESS: \_\_\_\_\_

RECEIVED  
SEP 21 2000  
DIVISION OF  
OIL, GAS AND MINING



T86 550 PSI  
 DATE: 9/6  
 WELL ID: # U-0566 - 24-26B  
 PERSON CONDUCTING TEST:  
 M. JOHNSON  
 TIME: 1:00P-1:30P.  
 24-26B

GRAPHIC CONTROLS CORPORATION  
 CHART NO. MC MP-1500  
 METER  
 LOCATION  
 REMARKS  
 CHART PUT ON M  
 TAKEN OFF M

DEPARTMENT OF  
 OIL, GAS AND MINERAL RESOURCES

# SHENANDOAH ENERGY INC.

11002 East 17500 South  
Vernal, Utah 80478  
(435) 781-4300  
Fax (435) 781-4329

September 9, 2002

## MECHANICAL INTEGRITY TESTS

Various Wells  
Red Wash Unit  
Uintah County, Utah

Mr. Al Craver  
Underground Injection Control Program  
United States Environmental Protection Agency  
Region VIII  
999 18th Street – Suite 300  
Denver, Colorado 80202-2466

**RECEIVED**  
SEP 10 2002  
DIVISION OF  
OIL, GAS AND MINING

Dear Mr. Craver,

Results of recent scheduled mechanical integrity tests for four wells are enclosed.

<u>Wellname</u>	<u>EPA ID</u>
RWU # 48 (32-19B)	UT02399 (151747)
RWU #263 (24-26B)	UT02448 (305187) 43-047-30518
RWU #266 (33-26B)	UT02451 (305217)
RWU #269 (13-26B)	UT02452 (305222)

Please advise as to the next MIT due date for this well. If you have any questions regarding the tests, please contact me at (435) 781-4301.

Sincerely,

  
\_\_\_\_\_  
J. T. Conley  
District Manager

cc Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, UT 84114-5801  
Attn. Mr. Gil Hunt

U.S Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

**MECHANICAL INTEGRITY TEST  
CASING OR ANNULUS PRESSURE TEST**

U.S. ENVIRONMENTAL PROTECTION AGENCY  
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)  
999 18TH STREET, SUITE 300, DENVER, CO. 80202-2466

EPA WITNESS: \_\_\_\_\_ DATE: 9-4-02 TIME: 6:15  AM  PM  
TEST CONDUCTED BY: LYNN SMITH (ADVANTAGE OILFIELD SERV. INC.)  
OTHERS PRESENT: \_\_\_\_\_

WELL NAME: <u>RWU#263(24-26B)</u>	TYPE: <input checked="" type="checkbox"/> ER <input type="checkbox"/> SWD	STATUS: <input type="checkbox"/> AC <input checked="" type="checkbox"/> TA <input type="checkbox"/> UC
FIELD: <u>RED WASH</u>		
WELL LOCATION: <u>SE/SW SEC. 26 T 7</u> <input type="checkbox"/> N <input checked="" type="checkbox"/> S <u>R23</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	COUNTY: UINTAH	STATE: UTAH
OPERATOR: SHENANDOAH ENERGY INC.		
LAST MIT: <u>9-6-00</u>	MAXIMUM ALLOWABLE PRESSURE: <u>1935</u>	PSIG

IS THIS A REGULAR SCHEDULED TEST?  YES  NO  
INITIAL TEST FOR PERMIT?  YES  NO  
TEST AFTER WELL WORK?  YES  NO  
WELL INJECTING DURING TEST?  YES  NO IF YES, RATE: \_\_\_\_\_ BPD

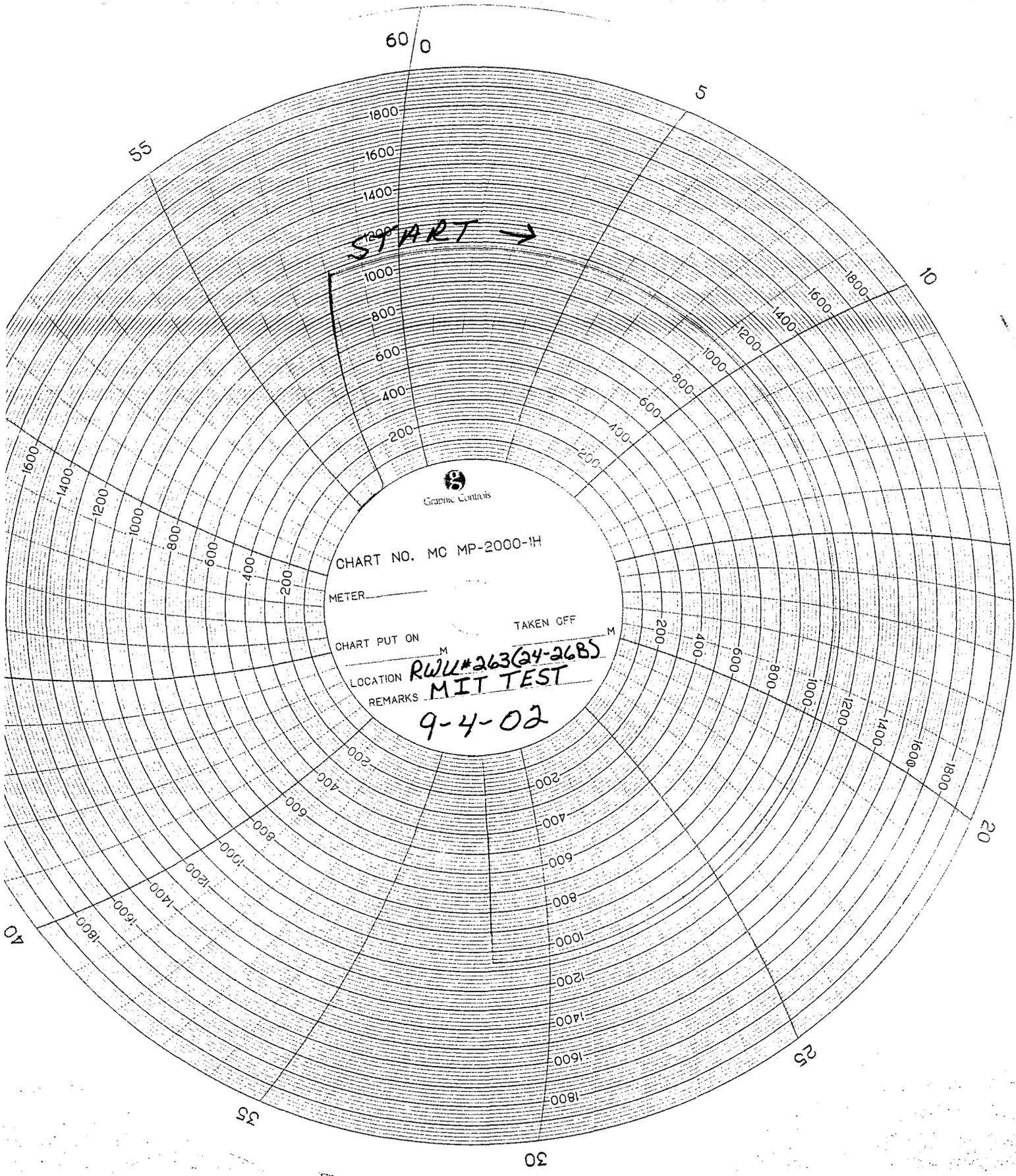
UT 2448

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 0 :PSIG

MIT DATA TABLE	TEST #1	TEST #2	TEST #3
TUBING PRESSURE			
INITIAL PRESSURE	<u>580</u> PSIG	PSIG	PSIG
END OF TEST PRESSURE	<u>580</u> PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	PRESSURE		
0 MINUTES	<u>1070</u>	PSIG	PSIG	PSIG
5 MINUTES	<u>1070</u>	PSIG	PSIG	PSIG
10 MINUTES	<u>1070</u>	PSIG	PSIG	PSIG
15 MINUTES	<u>1065</u>	PSIG	PSIG	PSIG
20 MINUTES	<u>1060</u>	PSIG	PSIG	PSIG
25 MINUTES	<u>1060</u>	PSIG	PSIG	PSIG
30 MINUTES	<u>1060</u>	PSIG	PSIG	PSIG
MINUTES		PSIG	PSIG	PSIG
MINUTES		PSIG	PSIG	PSIG
RESULT	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST?  YES  NO



60 0

5

55

1800

1600

1400

START →

1000

800

600

400

200

10

1800

1600

1400

1000

800

600

400

200

1600

1400

1200

1000

800

600

400

200

CHART NO. MC MP-2000-1H

METER

CHART PUT ON

TAKEN OFF

LOCATION RWU#263(24-26BS)

REMARKS MIT TEST

9-4-02

15

200

400

600

800

1000

1200

1400

1600

1800

20

200

400

600

800

1000

1200

1400

1600

1800

25

40

1800

1600

1400

1200

1000

800

600

400

30

GRAPHIC CONTROLS

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.  
U0566

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
8920007610

8. Well Name and No.  
RED WASH UNIT 263 24-26B

9. API Well No.  
43-047-30518

10. Field and Pool, or Exploratory  
RED WASH

11. County or Parish, and State  
UINTAH COUNTY, UT

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

1. Type of Well  
 Oil Well  Gas Well  Other: INJECTION

2. Name of Operator  
SHENANDOAH ENERGY INC. Contact: ANN PETRIK  
E-Mail: ann.petrik@questar.com

3a. Address  
11002 EAST 17500 SOUTH  
VERNAL, UT 84078

3b. Phone No. (include area code)  
Ph: 435.781.4306  
Fx: 435.781.4329

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 26 T7S R23E SESW 591FSL 2007FWL

**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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" 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.)

WE REQUEST A TA STATUS APPROVAL FOR THIS WELL.

THIS WELL IS A MAIN AREA LINE DRIVE CONVERT TO PRODUCTION CANDIDATE.

**RECEIVED**

DIV. OF OIL, GAS & MINING

This injection well had an MIT performed on September 4, 2002. In accordance with R649-3-36, good cause has been shown for an extension of shut-in time until September 4, 2007, the date of the next required MIT.

~~Federal Approval of This Action is Necessary~~

ACCEPTED BY: [Signature] March 6, 2003  
Utah Division of Oil, Gas and Mining

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #16230 verified by the BLM Well Information System For SHENANDOAH ENERGY INC., sent to the Vernal**

Name (Printed/Typed) ANN PETRIK Title ADMINISTRATIVE CONTACT

Signature (Electronic Submission) [Signature] Date 11/19/2002

**COPY SENT TO OPERATOR**  
Date: 3-6-03  
Initials: LHO

**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~~

May 28, 2003

Division of Oil, Gas, & Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

**Attention: John Baza/Jim Thompson**

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,



Frank Nielsen  
Division Landman

Enclosure

RECEIVED

JUN 02 2003

DIV. OF OIL, GAS &amp; MINING



# 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

JUL 07 2003

3104 (932.34)WF  
Nationwide Bond ESB000024

NOTICE

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

:  
: Oil and Gas  
: lease  
:

Name Change Recognized

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

*S/ Wilbert B. Forbes*

Wilbert B. Forbes  
Land Law Examiner  
Branch of Use Authorization  
Division of Resources Planning,  
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Uinta Basin  
MFO

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

Merger

The operator of the well(s) listed below has changed, effective:		<b>2/1/2003</b>
<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>	
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	

**CA No. Unit: RED WASH UNIT**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
RWU 199 (43-22A)	22	070S	220E	4304715301	5670	Federal	WI	A	
RWU 258 (34-22A)	22	070S	220E	4304730458	5670	Federal	WI	A	
RWU 216 (21-27A)	27	070S	220E	4304730103	5670	Federal	WI	A	
RWU 215 (43-28A)	28	070S	220E	4304730058	5670	Federal	WI	A	
RWU 202 (21-34A)	34	070S	220E	4304715303	5670	Federal	WI	I	
RWU 183 (33-13B)	13	070S	230E	4304715289	5670	Federal	WI	A	
RWU 185 (41-1B)	14	070S	230E	4304716498	5670	Federal	WI	A	
RWU 170 (41-15B)	15	070S	230E	4304716495	5670	Federal	WI	I	
RWU 268 (43-17B)	17	070S	230E	4304732980	5670	Federal	WI	A	
RWU 174 (21-20B)	20	070S	230E	4304715281	5670	Federal	WI	A	
RWU 173 (21-21B)	21	070S	230E	4304716496	5670	Federal	WI	A	
RWU 182 (14-21B)	21	070S	230E	4304716497	5670	Federal	WI	A	
RWU 23 (21-23B)	23	070S	230E	4304715151	5670	Federal	WI	A	
RWU 25 (23-23B)	23	070S	230E	4304716476	5670	Federal	WI	A	
RWU 2 (14-24B)	24	070S	230E	4304716472	5670	Federal	WI	A	
RWU 263 (24-26B)	26	070S	230E	4304730518	5670	Federal	WI	I	
RWU 266 (33-26B)	26	070S	230E	4304730521	5670	Federal	WI	I	
RWU 213 (41-33B)	33	070S	230E	4304720060	5670	Federal	WD	A	
RWU 264 (31-35B)	35	070S	230E	4304730519	5670	Federal	WI	A	
RWU 23-18C (97)	18	070S	240E	4304715216	5670	Federal	WI	I	

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/19/2003
- Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
- If **NO**, the operator was contacted on: \_\_\_\_\_

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: 9/10/2003

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 9/16/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/16/2003

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:**

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

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number <u>See Attached List</u>	API Number
Location of Well	Field or Unit Name <u>Red Wash</u>
Footage :	County : <u>Uintah</u>
QQ, Section, Township, Range:	State : <u>UTAH</u>
	Lease Designation and Number

EFFECTIVE DATE OF TRANSFER: \_\_\_\_\_

CURRENT OPERATOR

Company: Shenandoah Energy Inc  
Address: 11002 East 17500 South  
city Vernal state UT zip 84078  
Phone: (435) 781-4300  
Comments:

Name: John Busch  
Signature: John Busch  
Title: District Foreman  
Date: 9-02-03

NEW OPERATOR

Company: QEP Uinta Basin, Inc.  
Address: 11002 East 17500 South  
city Vernal state UT zip 84078  
Phone: \_\_\_\_\_  
Comments:

Name: John Busch  
Signature: John Busch  
Title: District Foreman  
Date: 9-02-03

(This space for State use only)

Transfer approved by: [Signature]  
Title: Tech Services Manager

Approval Date: 9-10-03

Comments: Case # 105-01  
located in Indian Country, EPA  
is primary use Agency.

RECEIVED  
SEP 04 2003  
DIV. OF OIL, GAS & MINING

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	Field	Footages
RED WASH UNIT 261	17	070S	230E	4304732739	5670	Federal	WI	A	Red Wash	1785 FSL, 1843 FWL
RWU 100-A (43-21A)	21	070S	220E	4304715219	5670	Federal	WI	A	Red Wash	1787 FSL, 534 FEL
RWU 102 (41-24A)	24	070S	220E	4304715221	5670	Federal	WI	A	Red Wash	1360 FNL, 660 FEL
RWU 11	27	070S	230E	4304715142	5670	Federal	WI	A	Red Wash	660 FSL, 2030 FEL
RWU 11-19B	19	070S	230E	4304733552	5670	Federal	WI	A	Red Wash	618 FNL, 477 FWL
RWU 11-20B	20	070S	230E	4304733553	5670	Federal	WI	A	Red Wash	761 FNL, 677 FWL
RWU 11-25A	25	070S	220E	4304733574	5670	Federal	WI	A	Red Wash	1206 FNL, 491 FWL
RWU 11-29B	29	070S	230E	4304733590	5670	Federal	WI	A	Red Wash	786 FNL, 819 FWL
RWU 11-30B	30	070S	230E	4304733785	5670	Federal	WI	A	Red Wash	590 FNL, 787 FWL
RWU 12-24A	24	070S	220E	4304733591	5670	Federal	WI	A	Red Wash	1528 FNL, 930 FWL
RWU 13-19B	19	070S	230E	4304733497	5670	Federal	WI	A	Red Wash	1802 FSL, 374 FWL
RWU 13-20B	20	070S	230E	4304733498	5670	Federal	WI	A	Red Wash	2143' FSL, 704' FWL
RWU 13-25A	25	070S	220E	4304733575	5670	Federal	WI	A	Red Wash	1446 FSL, 664 FWL
RWU 14 (14-13B)	13	070S	230E	4304715144	5670	Federal	WI	A	Red Wash	660 FSL, 660 FWL
RWU 148 (13-22B)	22	070S	230E	4304715261	5670	Federal	WI	A	Red Wash	2073 FSL, 660 FWL
RWU 150 (31-22B)	22	070S	230E	4304715263	5670	Federal	WI	I	Red Wash	595 FNL, 1935 FEL
RWU 156 (23-15B)	15	070S	230E	4304715267	5670	Federal	WI	A	Red Wash	2115 FSL, 1982 FWL
RWU 16 (43-28B)	28	070S	230E	4304716475	5670	Federal	WI	I	Red Wash	1980 FSL, 660 FEL
RWU 161 (14-20B)	20	070S	230E	4304715271	5670	Federal	WI	I	Red Wash	660 FSL, 678 FWL
RWU 17 (41-20B)	20	070S	230E	4304715146	5670	Federal	WI	A	Red Wash	660 FNL, 660 FEL
RWU 170 (41-15B)	15	070S	230E	4304716495	5670	Federal	WI	I	Red Wash	660 FNL, 660 FEL
RWU 173 (21-21B)	21	070S	230E	4304716496	5670	Federal	WI	A	Red Wash	660 FNL, 1980 FWL
RWU 174 (21-20B)	20	070S	230E	4304715281	5670	Federal	WI	A	Red Wash	660 FNL, 1980 FWL
RWU 182 (14-21B)	21	070S	230E	4304716497	5670	Federal	WI	A	Red Wash	629 FSL, 652 FWL
RWU 183 (33-13B)	13	070S	230E	4304715289	5670	Federal	WI	A	Red Wash	1833 FSL, 2027 FEL
RWU 185 (41-1B)	14	070S	230E	4304716498	5670	Federal	WI	A	Red Wash	747 FNL, 660 FEL
RWU 199 (43-22A)	22	070S	220E	4304715301	5670	Federal	WI	A	Red Wash	1980 FSL, 658 FEL
RWU 2 (14-24B)	24	070S	230E	4304716472	5670	Federal	WI	A	Red Wash	735 FSL, 790 FWL
RWU 202 (21-34A)	34	070S	220E	4304715303	5670	Federal	WI	I	Red Wash	660 FNL, 1980 FWL
RWU 213 (41-33B)	33	070S	230E	4304720060	5670	Federal	WD	A	Red Wash	660 FNL, 580 FEL
RWU 215 (43-28A)	28	070S	220E	4304730058	5670	Federal	WI	A	Red Wash	1980' FSL, 661 FEL
RWU 216 (21-27A)	27	070S	220E	4304730103	5670	Federal	WI	A	Red Wash	660 FNL, 1976 FWL
RWU 23 (21-23B)	23	070S	230E	4304715151	5670	Federal	WI	A	Red Wash	695 FNL, 2015 FWL
RWU 23-18C (97)	18	070S	240E	4304715216	5670	Federal	WI	I	Red Wash	1956 FSL, 1699 FWL
RWU 25 (23-23B)	23	070S	230E	4304716476	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 258 (34-22A)	22	070S	220E	4304730458	5670	Federal	WI	A	Red Wash	885 FSL, 2025 FEL

RWU 263 (24-26B)	26	070S	230E	4304730518	5670	Federal	WI	I	Red Wash	591 FSL, 2007 FWL
RWU 264 (31-35B)	35	070S	230E	4304730519	5670	Federal	WI	A	Red Wash	687 FNL, 2025 FEL
RWU 266 (33-26B)	26	070S	230E	4304730521	5670	Federal	WI	I	Red Wash	1980 FSL, 1980 FEL
RWU 268 (43-17B)	17	070S	230E	4304732980	5670	Federal	WI	A	Red Wash	1924 FSL, 981 FEL
RWU 269 (13-26B)	26	070S	230E	4304730522	5670	Federal	WI	I	Red Wash	2170' FSL, 670' FWL
RWU 271 (42-35B)	35	070S	230E	4304731081	5670	Federal	WI	I	Red Wash	1979 FNL, 660 FEL
RWU 274 (13-25B)	25	070S	230E	4304731083	5670	Federal	WI		Red Wash	2129 FSL, 659 FWL
RWU 275 (31-26B)	26	070S	230E	4304731077	5670	Federal	WI	A	Red Wash	675 FNL, 1869 FEL
RWU 279 (11-36B)	36	070S	230E	4304731052	5670	Federal	WI	A	Red Wash	659 FNL, 660 FWL
RWU 283 (43-18B)	18	070S	230E	4304732982	5670	Federal	WI	A	Red Wash	1899 FSL, 708 FEL
RWU 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A	Red Wash	601 FNL, 1770 FEL
RWU 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A	Red Wash	1248 FNL, 2159 FEL
RWU 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A	Red Wash	950 FNL, 1943 FEL
RWU 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A	Red Wash	2606 FSL, 1851 FEL
RWU 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A	Red Wash	2210 FSL, 2295 FEL
RWU 33-25A	25	070S	220E	4304733578	5670	Federal	WI	A	Red Wash	1413 FSL, 1809 FEL
RWU 33-30B	30	070S	230E	4304733790	5670	Federal	WI	A	Red Wash	1775 FSL, 1937 FEL
RWU 34 (23-14B)	14	070S	230E	4304715161	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A	Red Wash	1302 FSL, 1725 FEL
RWU 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A	Red Wash	1295 FSL, 2125 FEL
RWU 48 (32-19B)	19	070S	230E	4304715174	5670	Federal	WI	I	Red Wash	1830 FNL, 1980 FEL
RWU 56 (41-28B)	28	070S	230E	4304715182	5670	Federal	WI	A	Red Wash	660 FNL, 660 FEL
RWU 59 (12-24B)	24	070S	230E	4304716477	5670	Federal	WI	A	Red Wash	1980 FNL, 660 FWL
RWU 6 (41-21B)	21	070S	230E	4304716482	5670	Federal	WI	A	Red Wash	660' FNL, 660 FEL
RWU 61 (12-27A)	27	070S	220E	4304716478	5670	Federal	WI	I	Red Wash	2034 FNL, 689 FWL
RWU 68 (41-13B)	13	070S	230E	4304716485	5670	Federal	WI	I	Red Wash	660 FNL, 660 FEL
RWU 7 (41-27B)	27	070S	230E	4304716473	5670	Federal	WI	I	Red Wash	567 FNL, 621 FEL
RWU 88 (23-18B)	18	070S	230E	4304715210	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 91 (33-22B)	22	070S	230E	4304716479	5670	Federal	WI	A	Red Wash	1980 FSL, 3300 FWL
RWU 93 (43-27B)	27	070S	230E	4304716480	5670	Federal	WI	I	Red Wash	660 FSL, 660 FEL
RWU 324 (23-16B)	16	070S	230E	4304733084	5670	State	WI	I	Red Wash	1274 FSL, 1838 FWL

F-2

EPA# UT 2000-02448

MECHANICAL INTEGRITY TEST  
CASING OR ANNULUS PRESSURE TEST

API# 43-047-30518

U.S. ENVIRONMENTAL PROTECTION AGENCY  
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)  
999 18TH STREET, SUITE 300, DENVER, CO. 80202-2466

EPA WITNESS: ND DATE: 8-19-04 TIME: 9:12 AM  PM

TEST CONDUCTED BY: Dennis J. Paulson (Questar)

OTHERS PRESENT: Lynn Smith (Advantage Hot oil)

WELL NAME: <u>RW 24-26B</u>	TYPE: <input checked="" type="checkbox"/> ER <input type="checkbox"/> SWD	STATUS: <input type="checkbox"/> AC <input checked="" type="checkbox"/> TA <input type="checkbox"/> UC
FIELD: <u>REDWASH</u>		
WELL LOCATION: <u>SE SW SEC-26 T7</u>	<input type="checkbox"/> N <input checked="" type="checkbox"/> S <u>R23</u>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
COUNTY: <u>UINTA</u> STATE: <u>UTAH</u>		
OPERATOR: <u>QEP UINTA BASIN INC.</u>		
LAST MIT: <u>9/4/2002</u>	MAXIMUM ALLOWABLE PRESSURE: <u>1935</u>	PSIG

IS THIS A REGULAR SCHEDULED TEST?  YES  NO

INITIAL TEST FOR PERMIT?  YES  NO

TEST AFTER WELL WORK?  YES  NO

WELL INJECTING DURING TEST?  YES  NO IF YES, RATE: \_\_\_\_\_ BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 0 :PSIG

MIT DATA TABLE TUBING	TEST #1 PRESSURE	TEST #2	TEST #3
INITIAL PRESSURE	<u>650</u> PSIG	PSIG	PSIG
END OF TEST PRESSURE	<u>650</u> PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	PRESSURE		
<u>9:14</u> 0 MINUTES	<u>1047.1</u> PSIG	PSIG	PSIG	PSIG
<u>9:19</u> 5 MINUTES	<u>1038.1</u> PSIG	PSIG	PSIG	PSIG
<u>9:24</u> 10 MINUTES	<u>1033.8</u> PSIG	PSIG	PSIG	PSIG
<u>9:29</u> 15 MINUTES	<u>1031.0</u> PSIG	PSIG	PSIG	PSIG
<u>9:34</u> 20 MINUTES	<u>1029.1</u> PSIG	PSIG	PSIG	PSIG
<u>9:39</u> 25 MINUTES	<u>1027.6</u> PSIG	PSIG	PSIG	PSIG
<u>9:44</u> 30 MINUTES	<u>1026.4</u> PSIG	PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG	PSIG

RESULT  PASS  FAIL  PASS  FAIL  PASS  FAIL

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST?  YES  NO

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

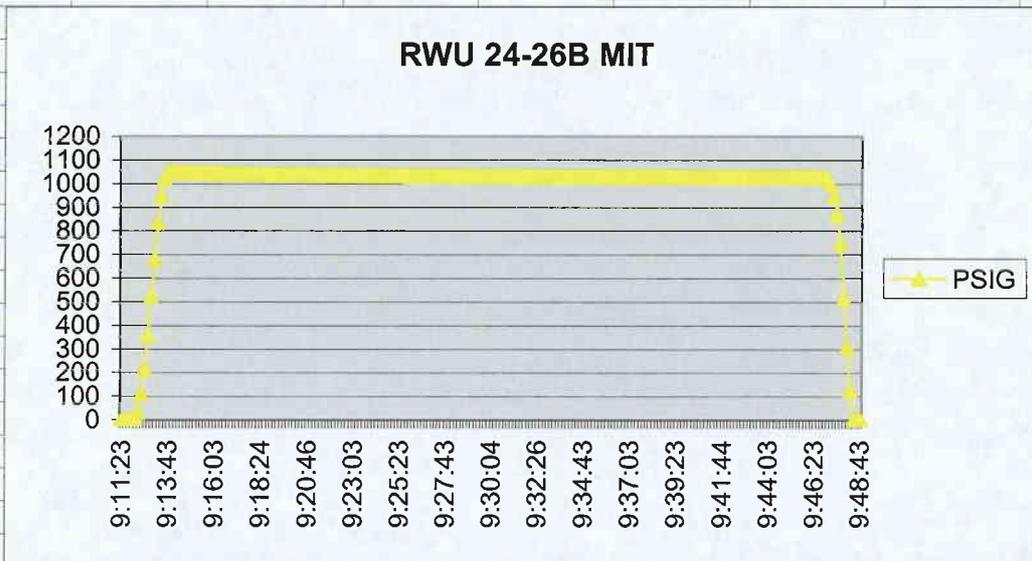
3000	PSIG	7049-1				4	3	
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	PSIG	BAR	AMBIENT TEMP
19	AUG	2004	9:11:23	2	1	0	24.7	76
19	AUG	2004	9:11:33	2	2	0	24.7	76
19	AUG	2004	9:11:43	2	3	0	24.7	76
19	AUG	2004	9:11:53	2	4	0	24.7	76
19	AUG	2004	9:12:03	2	5	0	24.7	76
19	AUG	2004	9:12:14	2	6	30.836	24.7	76
19	AUG	2004	9:12:26	2	7	110.47	24.7	76
19	AUG	2004	9:12:33	2	8	216.6	24.7	76
19	AUG	2004	9:12:43	2	9	358.47	24.7	76
19	AUG	2004	9:12:53	2	10	527.1	24.7	76
19	AUG	2004	9:13:03	2	11	681	24.7	76
19	AUG	2004	9:13:14	2	12	834.8	24.7	76
19	AUG	2004	9:13:26	2	13	948.7	24.7	76
19	AUG	2004	9:13:33	2	14	1020.2	24.7	76
19	AUG	2004	9:13:43	2	15	1048.6	24.7	76
19	AUG	2004	9:13:53	2	16	1049.6	24.7	76
19	AUG	2004	9:14:03	2	17	1048.2	24.7	76
19	AUG	2004	9:14:14	2	18	1047.1	24.7	76
19	AUG	2004	9:14:26	2	19	1046.5	24.7	76
19	AUG	2004	9:14:33	2	20	1046	24.7	76
19	AUG	2004	9:14:43	2	21	1045.5	24.7	76
19	AUG	2004	9:14:53	2	22	1045	24.7	76
19	AUG	2004	9:15:03	2	23	1044.6	24.7	76
19	AUG	2004	9:15:13	2	24	1044.2	24.7	76
19	AUG	2004	9:15:24	2	25	1043.8	24.7	76
19	AUG	2004	9:15:36	2	26	1043.4	24.7	76
19	AUG	2004	9:15:43	2	27	1043.1	24.7	76
19	AUG	2004	9:15:53	2	28	1042.7	24.7	76
19	AUG	2004	9:16:03	2	29	1042.4	24.7	76
19	AUG	2004	9:16:13	2	30	1042.1	24.7	76
19	AUG	2004	9:16:24	2	31	1041.8	24.7	76
19	AUG	2004	9:16:36	2	32	1041.5	24.7	76
19	AUG	2004	9:16:43	2	33	1041.3	24.7	76
19	AUG	2004	9:16:53	2	34	1041	24.7	76
19	AUG	2004	9:17:03	2	35	1040.7	24.7	76
19	AUG	2004	9:17:13	2	36	1040.5	24.7	76
19	AUG	2004	9:17:24	2	37	1040.2	24.7	76
19	AUG	2004	9:17:36	2	38	1040	24.7	76
19	AUG	2004	9:17:43	2	39	1039.8	24.7	76
19	AUG	2004	9:17:53	2	40	1039.5	24.7	76
19	AUG	2004	9:18:03	2	41	1039.3	24.7	76
19	AUG	2004	9:18:13	2	42	1039.1	24.7	76
19	AUG	2004	9:18:24	2	43	1038.9	24.7	76
19	AUG	2004	9:18:36	2	44	1038.7	24.7	76
19	AUG	2004	9:18:43	2	45	1038.5	24.7	76
19	AUG	2004	9:18:53	2	46	1038.3	24.7	76
19	AUG	2004	9:19:03	2	47	1038.1	24.7	76
19	AUG	2004	9:19:13	2	48	1037.9	24.7	76
19	AUG	2004	9:19:23	2	49	1037.7	24.7	76

3000	PSIG	7049-1				4	3	
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	PSIG	BAR	AMBIENT TEMP
19	AUG	2004	9:19:34	2	50	1037.6	24.7	76
19	AUG	2004	9:19:46	2	51	1037.4	24.7	76
19	AUG	2004	9:19:53	2	52	1037.3	24.7	75
19	AUG	2004	9:20:03	2	53	1037.1	24.7	75
19	AUG	2004	9:20:13	2	54	1037	24.7	75
19	AUG	2004	9:20:23	2	55	1036.8	24.7	75
19	AUG	2004	9:20:34	2	56	1036.6	24.7	75
19	AUG	2004	9:20:46	2	57	1036.5	24.7	75
19	AUG	2004	9:20:53	2	58	1036.3	24.7	75
19	AUG	2004	9:21:03	2	59	1036.2	24.7	75
19	AUG	2004	9:21:13	2	60	1036	24.7	75
19	AUG	2004	9:21:23	2	61	1035.9	24.7	75
19	AUG	2004	9:21:34	2	62	1035.7	24.7	75
19	AUG	2004	9:21:46	2	63	1035.6	24.7	75
19	AUG	2004	9:21:53	2	64	1035.5	24.7	75
19	AUG	2004	9:22:03	2	65	1035.3	24.7	75
19	AUG	2004	9:22:13	2	66	1035.2	24.7	75
19	AUG	2004	9:22:23	2	67	1035	24.7	75
19	AUG	2004	9:22:33	2	68	1034.9	24.7	75
19	AUG	2004	9:22:44	2	69	1034.8	24.7	75
19	AUG	2004	9:22:56	2	70	1034.7	24.7	75
19	AUG	2004	9:23:03	2	71	1034.5	24.7	75
19	AUG	2004	9:23:13	2	72	1034.4	24.7	75
19	AUG	2004	9:23:23	2	73	1034.3	24.7	75
19	AUG	2004	9:23:33	2	74	1034.2	24.7	75
19	AUG	2004	9:23:44	2	75	1034	24.7	75
19	AUG	2004	9:23:56	2	76	1033.9	24.7	75
19	AUG	2004	9:24:03	2	77	1033.8	24.7	75
19	AUG	2004	9:24:13	2	78	1033.7	24.7	75
19	AUG	2004	9:24:23	2	79	1033.6	24.7	75
19	AUG	2004	9:24:33	2	80	1033.5	24.7	75
19	AUG	2004	9:24:44	2	81	1033.4	24.7	75
19	AUG	2004	9:24:56	2	82	1033.3	24.7	75
19	AUG	2004	9:25:03	2	83	1033.2	24.7	75
19	AUG	2004	9:25:13	2	84	1033.1	24.7	75
19	AUG	2004	9:25:23	2	85	1033	24.7	75
19	AUG	2004	9:25:33	2	86	1032.9	24.7	75
19	AUG	2004	9:25:43	2	87	1032.8	24.7	75
19	AUG	2004	9:25:54	2	88	1032.7	24.7	75
19	AUG	2004	9:26:06	2	89	1032.6	24.7	75
19	AUG	2004	9:26:13	2	90	1032.5	24.7	75
19	AUG	2004	9:26:23	2	91	1032.4	24.7	75
19	AUG	2004	9:26:33	2	92	1032.3	24.7	75
19	AUG	2004	9:26:43	2	93	1032.2	24.7	75
19	AUG	2004	9:26:54	2	94	1032.1	24.7	75
19	AUG	2004	9:27:06	2	95	1032	24.7	75
19	AUG	2004	9:27:13	2	96	1031.9	24.7	75
19	AUG	2004	9:27:23	2	97	1031.8	24.7	75
19	AUG	2004	9:27:33	2	98	1031.8	24.7	75

3000	PSIG	7049-1				4	3	
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	PSIG	BAR	AMBIENT TEMP
19	AUG	2004	9:27:43	2	99	1031.7	24.7	75
19	AUG	2004	9:27:54	2	100	1031.6	24.7	75
19	AUG	2004	9:28:06	2	101	1031.5	24.7	75
19	AUG	2004	9:28:13	2	102	1031.5	24.7	75
19	AUG	2004	9:28:23	2	103	1031.4	24.7	75
19	AUG	2004	9:28:33	2	104	1031.3	24.7	75
19	AUG	2004	9:28:43	2	105	1031.2	24.7	75
19	AUG	2004	9:28:53	2	106	1031.1	24.7	75
19	AUG	2004	9:29:04	2	107	1031.1	24.7	75
19	AUG	2004	9:29:16	2	108	1031	24.7	75
19	AUG	2004	9:29:23	2	109	1030.9	24.7	75
19	AUG	2004	9:29:33	2	110	1030.9	24.7	75
19	AUG	2004	9:29:43	2	111	1030.8	24.7	75
19	AUG	2004	9:29:53	2	112	1030.7	24.7	75
19	AUG	2004	9:30:04	2	113	1030.6	24.7	75
19	AUG	2004	9:30:16	2	114	1030.6	24.7	75
19	AUG	2004	9:30:23	2	115	1030.5	24.7	75
19	AUG	2004	9:30:33	2	116	1030.4	24.7	75
19	AUG	2004	9:30:43	2	117	1030.4	24.7	75
19	AUG	2004	9:30:53	2	118	1030.3	24.7	75
19	AUG	2004	9:31:04	2	119	1030.2	24.7	75
19	AUG	2004	9:31:16	2	120	1030.2	24.7	75
19	AUG	2004	9:31:23	2	121	1030.1	24.7	75
19	AUG	2004	9:31:33	2	122	1030.1	24.7	75
19	AUG	2004	9:31:43	2	123	1030	24.7	75
19	AUG	2004	9:31:53	2	124	1029.9	24.7	75
19	AUG	2004	9:32:03	2	125	1029.9	24.7	75
19	AUG	2004	9:32:14	2	126	1029.8	24.7	75
19	AUG	2004	9:32:26	2	127	1029.7	24.7	75
19	AUG	2004	9:32:33	2	128	1029.7	24.7	75
19	AUG	2004	9:32:43	2	129	1029.5	24.7	76
19	AUG	2004	9:32:53	2	130	1029.5	24.7	75
19	AUG	2004	9:33:03	2	131	1029.5	24.7	75
19	AUG	2004	9:33:14	2	132	1029.4	24.7	76
19	AUG	2004	9:33:26	2	133	1029.3	24.7	76
19	AUG	2004	9:33:33	2	134	1029.3	24.7	76
19	AUG	2004	9:33:43	2	135	1029.2	24.7	76
19	AUG	2004	9:33:53	2	136	1029.2	24.7	76
19	AUG	2004	9:34:03	2	137	1029.1	24.7	76
19	AUG	2004	9:34:14	2	138	1029	24.7	76
19	AUG	2004	9:34:26	2	139	1029	24.7	76
19	AUG	2004	9:34:33	2	140	1028.9	24.7	76
19	AUG	2004	9:34:43	2	141	1028.9	24.7	76
19	AUG	2004	9:34:53	2	142	1028.8	24.7	76
19	AUG	2004	9:35:03	2	143	1028.7	24.7	76
19	AUG	2004	9:35:13	2	144	1028.7	24.7	76
19	AUG	2004	9:35:24	2	145	1028.6	24.7	76
19	AUG	2004	9:35:36	2	146	1028.6	24.7	76
19	AUG	2004	9:35:43	2	147	1028.6	24.7	76

3000	PSIG	7049-1				4	3	
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	PSIG	BAR	AMBIENT TEMP
19	AUG	2004	9:35:53	2	148	1028.5	24.7	76
19	AUG	2004	9:36:03	2	149	1028.5	24.7	76
19	AUG	2004	9:36:13	2	150	1028.4	24.7	76
19	AUG	2004	9:36:24	2	151	1028.4	24.7	76
19	AUG	2004	9:36:36	2	152	1028.3	24.7	76
19	AUG	2004	9:36:43	2	153	1028.3	24.7	76
19	AUG	2004	9:36:53	2	154	1028.2	24.7	76
19	AUG	2004	9:37:03	2	155	1028.2	24.7	76
19	AUG	2004	9:37:13	2	156	1028.1	24.7	76
19	AUG	2004	9:37:24	2	157	1028.1	24.7	76
19	AUG	2004	9:37:36	2	158	1028	24.7	76
19	AUG	2004	9:37:43	2	159	1028	24.7	76
19	AUG	2004	9:37:53	2	160	1028	24.7	76
19	AUG	2004	9:38:03	2	161	1027.9	24.7	76
19	AUG	2004	9:38:13	2	162	1027.9	24.7	76
19	AUG	2004	9:38:23	2	163	1027.8	24.7	76
19	AUG	2004	9:38:34	2	164	1027.8	24.7	76
19	AUG	2004	9:38:46	2	165	1027.7	24.7	76
19	AUG	2004	9:38:53	2	166	1027.7	24.7	76
19	AUG	2004	9:39:03	2	167	1027.6	24.7	76
19	AUG	2004	9:39:13	2	168	1027.6	24.7	76
19	AUG	2004	9:39:23	2	169	1027.5	24.7	76
19	AUG	2004	9:39:34	2	170	1027.5	24.7	76
19	AUG	2004	9:39:46	2	171	1027.5	24.7	76
19	AUG	2004	9:39:53	2	172	1027.4	24.7	77
19	AUG	2004	9:40:03	2	173	1027.3	24.7	77
19	AUG	2004	9:40:13	2	174	1027.3	24.7	77
19	AUG	2004	9:40:23	2	175	1027.2	24.7	77
19	AUG	2004	9:40:34	2	176	1027.2	24.7	77
19	AUG	2004	9:40:46	2	177	1027.2	24.7	77
19	AUG	2004	9:40:53	2	178	1027.1	24.7	77
19	AUG	2004	9:41:03	2	179	1027.1	24.7	77
19	AUG	2004	9:41:13	2	180	1027.1	24.7	77
19	AUG	2004	9:41:23	2	181	1027	24.7	77
19	AUG	2004	9:41:33	2	182	1027	24.7	77
19	AUG	2004	9:41:44	2	183	1026.9	24.7	77
19	AUG	2004	9:41:56	2	184	1026.9	24.7	77
19	AUG	2004	9:42:03	2	185	1026.9	24.7	77
19	AUG	2004	9:42:13	2	186	1026.8	24.7	77
19	AUG	2004	9:42:23	2	187	1026.8	24.7	77
19	AUG	2004	9:42:33	2	188	1026.7	24.7	77
19	AUG	2004	9:42:44	2	189	1026.7	24.7	77
19	AUG	2004	9:42:56	2	190	1026.7	24.7	77
19	AUG	2004	9:43:03	2	191	1026.6	24.7	77
19	AUG	2004	9:43:13	2	192	1026.6	24.7	77
19	AUG	2004	9:43:23	2	193	1026.6	24.7	77
19	AUG	2004	9:43:33	2	194	1026.5	24.7	77
19	AUG	2004	9:43:44	2	195	1026.5	24.7	78
19	AUG	2004	9:43:56	2	196	1026.4	24.7	78

DATE	MONTH	YEAR	TIME	FILE	SAMPLE	PSIG	BAR	AMBIENT TEMP
19	AUG	2004	9:44:03	2	197	1026.4	24.7	78
19	AUG	2004	9:44:13	2	198	1026.4	24.7	78
19	AUG	2004	9:44:23	2	199	1026.3	24.7	78
19	AUG	2004	9:44:33	2	200	1026.3	24.7	78
19	AUG	2004	9:44:44	2	201	1026.2	24.7	78
19	AUG	2004	9:44:56	2	202	1026.2	24.7	78
19	AUG	2004	9:45:03	2	203	1026.2	24.7	78
19	AUG	2004	9:45:13	2	204	1026.2	24.7	78
19	AUG	2004	9:45:23	2	205	1026.1	24.7	78
19	AUG	2004	9:45:33	2	206	1026.1	24.7	78
19	AUG	2004	9:45:43	2	207	1026.1	24.7	78
19	AUG	2004	9:45:54	2	208	1026	24.7	78
19	AUG	2004	9:46:06	2	209	1026	24.7	78
19	AUG	2004	9:46:13	2	210	1026	24.7	78
19	AUG	2004	9:46:23	2	211	1025.9	24.7	78
19	AUG	2004	9:46:33	2	212	1025.9	24.7	78
19	AUG	2004	9:46:43	2	213	1025.8	24.7	78
19	AUG	2004	9:46:54	2	214	1025.8	24.7	78
19	AUG	2004	9:47:06	2	215	1021	24.7	78
19	AUG	2004	9:47:13	2	216	997.9	24.7	78
19	AUG	2004	9:47:23	2	217	947.5	24.7	78
19	AUG	2004	9:47:33	2	218	871.6	24.7	78
19	AUG	2004	9:47:43	2	219	749.1	24.7	78
19	AUG	2004	9:47:54	2	220	515.9	24.7	78
19	AUG	2004	9:48:06	2	221	309.82	24.7	78
19	AUG	2004	9:48:13	2	222	129.34	24.7	78
19	AUG	2004	9:48:23	2	223	0	24.7	78
19	AUG	2004	9:48:33	2	224	0	24.7	78
19	AUG	2004	9:48:43	2	225	0	24.7	78



# MECHANICAL INTEGRITY TEST CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY  
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)  
999 18TH STREET, SUITE 300, DENVER, CO. 80202-2466

EPA WITNESS: NO DATE: 8/10/2006 TIME: 8:30  AM  PM

TEST CONDUCTED BY: Dennis J. Paulson (Questar)

OTHERS PRESENT: LYNN SMITH (ADVANTAGE OILFIELD SERVICES)

API NUMBER: 43-047-30518 EPA ID NUMBER: UT2000-02448

WELL NAME: <u>RW 24-26B</u>	TYPE: <input checked="" type="checkbox"/> ER <input type="checkbox"/> SWD	STATUS: <input type="checkbox"/> AC <input checked="" type="checkbox"/> TA <input type="checkbox"/> UC	
FIELD: <u>RED WASH</u>			
WELL LOCATION: <u>SESW-26-7S-23E</u> <input type="checkbox"/> N <input type="checkbox"/> S	<input type="checkbox"/> E <input type="checkbox"/> W	COUNTY: <u>UINTAH</u>	STATE: <u>UTAH</u>
OPERATOR: <u>QEP UINTA BASIN INC.</u>			
LAST MIT: <u>19-Aug-04</u>	MAXIMUM ALLOWABLE PRESSURE:	<u>1935</u>	PSIG

IS THIS A REGULAR SCHEDULED TEST?  YES  NO

INITIAL TEST FOR PERMIT?  YES  NO

TEST AFTER WELL WORK?  YES  NO

WELL INJECTING DURING TEST?  YES  NO IF YES, RATE: \_\_\_\_\_ BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: \_\_\_\_\_ 0 :PSIG

MIT DATA TABLE	TEST #1	TEST #2	TEST #3
TUBING	PRESSURE		
INITIAL PRESSURE	<u>987.9</u> PSIG	PSIG	PSIG
END OF TEST PRESSURE	<u>987.9</u> PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	TUBING
0 MINUTES	<u>1098.8 @12:09:12</u> PSIG	<u>987.8</u> PSIG	PSIG
5 MINUTES	<u>1088.6 @12:14:20</u> PSIG	<u>987.9</u> PSIG	PSIG
10 MINUTES	<u>1086 @12:19:28</u> PSIG	<u>987.9</u> PSIG	PSIG
15 MINUTES	<u>1084.3 @12:24:36</u> PSIG	<u>987.8</u> PSIG	PSIG
20 MINUTES	<u>1083 @ 12:29:30</u> PSIG	<u>987.8</u> PSIG	PSIG
25 MINUTES	<u>1081.7 @ 12:34:38</u> PSIG	<u>987.9</u> PSIG	PSIG
30 MINUTES	<u>1080.7 @12:39:32</u> PSIG	<u>987.9</u> PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
<b>RESULT</b>	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL

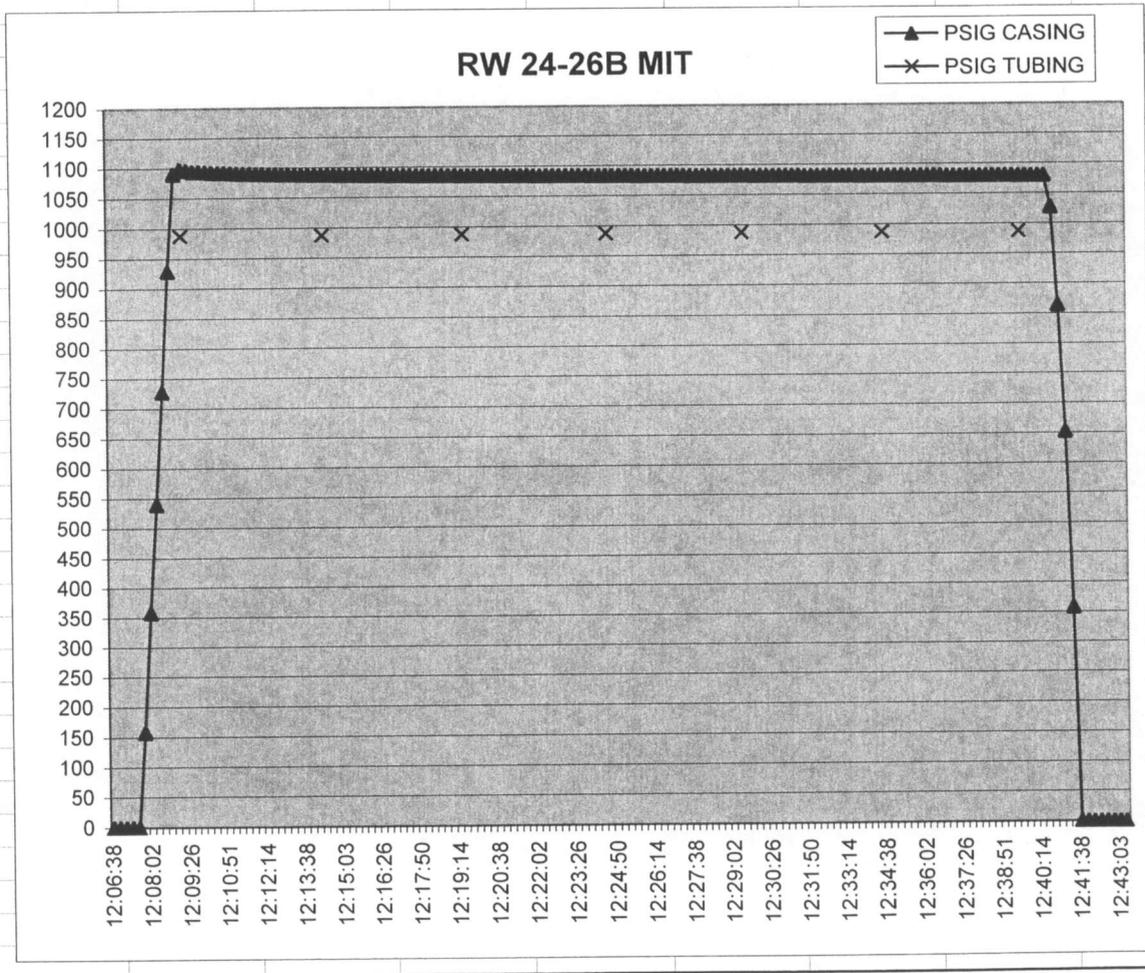
DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST?  YES  NO

3000 PSIG		2404-1	29 MAR		2006		PSIG	PSIG	AMBIENT
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING	TUBING	TEMP.	
10	AUG	2006	12:06:38		8	1	0	88	
10	AUG	2006	12:06:53		8	2	0	88	
10	AUG	2006	12:07:07		8	3	0	88	
10	AUG	2006	12:07:20		8	4	0	88	
10	AUG	2006	12:07:34		8	5	0	88	
10	AUG	2006	12:07:48		8	6	158.53	88	
10	AUG	2006	12:08:02		8	7	358.62	88	
10	AUG	2006	12:08:16		8	8	540.6	88	
10	AUG	2006	12:08:30		8	9	728.5	88	
10	AUG	2006	12:08:44		8	10	929.3	90	
10	AUG	2006	12:08:58		8	11	1091.4	90	
10	AUG	2006	12:09:12		8	12	1098.8	987.8	90
10	AUG	2006	12:09:26		8	13	1096.8	90	
10	AUG	2006	12:09:40		8	14	1094.9	90	
10	AUG	2006	12:09:54		8	15	1095	90	
10	AUG	2006	12:10:08		8	16	1094.1	90	
10	AUG	2006	12:10:22		8	17	1093.4	90	
10	AUG	2006	12:10:36		8	18	1093	90	
10	AUG	2006	12:10:51		8	19	1092.5	90	
10	AUG	2006	12:11:05		8	20	1092.1	90	
10	AUG	2006	12:11:18		8	21	1091.7	91	
10	AUG	2006	12:11:32		8	22	1091.3	91	
10	AUG	2006	12:11:46		8	23	1091	91	
10	AUG	2006	12:12:00		8	24	1090.8	91	
10	AUG	2006	12:12:14		8	25	1090.5	91	
10	AUG	2006	12:12:28		8	26	1090.2	91	
10	AUG	2006	12:12:42		8	27	1090	91	
10	AUG	2006	12:12:56		8	28	1089.8	91	
10	AUG	2006	12:13:10		8	29	1089.6	91	
10	AUG	2006	12:13:24		8	30	1089.3	91	
10	AUG	2006	12:13:38		8	31	1089.2	91	
10	AUG	2006	12:13:52		8	32	1088.9	93	
10	AUG	2006	12:14:06		8	33	1088.7	93	
10	AUG	2006	12:14:20		8	34	1088.6	987.9	93
10	AUG	2006	12:14:34		8	35	1088.4	93	
10	AUG	2006	12:14:49		8	36	1088.3	93	
10	AUG	2006	12:15:03		8	37	1088.1	93	
10	AUG	2006	12:15:16		8	38	1088	93	
10	AUG	2006	12:15:30		8	39	1087.8	93	
10	AUG	2006	12:15:44		8	40	1087.7	93	
10	AUG	2006	12:15:58		8	41	1087.6	93	
10	AUG	2006	12:16:12		8	42	1087.5	93	
10	AUG	2006	12:16:26		8	43	1087.4	93	
10	AUG	2006	12:16:40		8	44	1087.3	93	
10	AUG	2006	12:16:54		8	45	1087.1	93	
10	AUG	2006	12:17:08		8	46	1087	93	
10	AUG	2006	12:17:22		8	47	1086.9	93	
10	AUG	2006	12:17:36		8	48	1086.7	95	
10	AUG	2006	12:17:50		8	49	1086.6	95	

3000 PSIG		2404-1	29 MAR		2006		PSIG	PSIG	AMBIENT
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING	TUBING	TEMP.	
10 AUG		2006	12:18:04		8	50	1086.5	95	
10 AUG		2006	12:18:18		8	51	1086.4	95	
10 AUG		2006	12:18:32		8	52	1086.4	95	
10 AUG		2006	12:18:47		8	53	1086.3	95	
10 AUG		2006	12:19:01		8	54	1086.2	95	
10 AUG		2006	12:19:14		8	55	1086.1	95	
10 AUG		2006	12:19:28		8	56	1086	987.9	95
10 AUG		2006	12:19:42		8	57	1085.9	95	
10 AUG		2006	12:19:56		8	58	1085.8	95	
10 AUG		2006	12:20:10		8	59	1085.8	95	
10 AUG		2006	12:20:24		8	60	1085.7	95	
10 AUG		2006	12:20:38		8	61	1085.6	95	
10 AUG		2006	12:20:52		8	62	1085.5	95	
10 AUG		2006	12:21:06		8	63	1085.4	95	
10 AUG		2006	12:21:20		8	64	1085.3	95	
10 AUG		2006	12:21:34		8	65	1085.3	95	
10 AUG		2006	12:21:48		8	66	1085.2	95	
10 AUG		2006	12:22:02		8	67	1085	97	
10 AUG		2006	12:22:16		8	68	1085	97	
10 AUG		2006	12:22:30		8	69	1084.9	97	
10 AUG		2006	12:22:45		8	70	1084.8	97	
10 AUG		2006	12:22:59		8	71	1084.7	97	
10 AUG		2006	12:23:12		8	72	1084.7	97	
10 AUG		2006	12:23:26		8	73	1084.6	97	
10 AUG		2006	12:23:40		8	74	1084.5	97	
10 AUG		2006	12:23:54		8	75	1084.5	97	
10 AUG		2006	12:24:08		8	76	1084.4	97	
10 AUG		2006	12:24:22		8	77	1084.3	97	
10 AUG		2006	12:24:36		8	78	1084.3	987.8	97
10 AUG		2006	12:24:50		8	79	1084.2	97	
10 AUG		2006	12:25:04		8	80	1084.1	97	
10 AUG		2006	12:25:18		8	81	1084	97	
10 AUG		2006	12:25:32		8	82	1084	97	
10 AUG		2006	12:25:46		8	83	1083.9	97	
10 AUG		2006	12:26:00		8	84	1083.8	97	
10 AUG		2006	12:26:14		8	85	1083.8	97	
10 AUG		2006	12:26:28		8	86	1083.7	97	
10 AUG		2006	12:26:43		8	87	1083.7	97	
10 AUG		2006	12:26:57		8	88	1083.6	97	
10 AUG		2006	12:27:10		8	89	1083.5	97	
10 AUG		2006	12:27:24		8	90	1083.5	97	
10 AUG		2006	12:27:38		8	91	1083.4	97	
10 AUG		2006	12:27:52		8	92	1083.4	97	
10 AUG		2006	12:28:06		8	93	1083.3	97	
10 AUG		2006	12:28:20		8	94	1083.3	97	
10 AUG		2006	12:28:34		8	95	1083.2	97	
10 AUG		2006	12:28:48		8	96	1083.1	97	
10 AUG		2006	12:29:02		8	97	1083.1	97	
10 AUG		2006	12:29:16		8	98	1083	97	

3000	PSIG	2404-1	29 MAR	2006		PSIG	PSIG	AMBIENT
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING	TUBING	TEMP.
10	AUG	2006	12:29:30	8	99	1083	987.8	97
10	AUG	2006	12:29:44	8	100	1082.9		97
10	AUG	2006	12:29:58	8	101	1082.8		97
10	AUG	2006	12:30:12	8	102	1082.8		97
10	AUG	2006	12:30:26	8	103	1082.8		97
10	AUG	2006	12:30:40	8	104	1082.7		97
10	AUG	2006	12:30:55	8	105	1082.6		97
10	AUG	2006	12:31:09	8	106	1082.6		97
10	AUG	2006	12:31:22	8	107	1082.5		97
10	AUG	2006	12:31:36	8	108	1082.4		99
10	AUG	2006	12:31:50	8	109	1082.3		99
10	AUG	2006	12:32:04	8	110	1082.3		99
10	AUG	2006	12:32:18	8	111	1082.2		99
10	AUG	2006	12:32:32	8	112	1082.1		99
10	AUG	2006	12:32:46	8	113	1082.1		99
10	AUG	2006	12:33:00	8	114	1082		99
10	AUG	2006	12:33:14	8	115	1082		99
10	AUG	2006	12:33:28	8	116	1081.9		99
10	AUG	2006	12:33:42	8	117	1081.9		99
10	AUG	2006	12:33:56	8	118	1081.8		99
10	AUG	2006	12:34:10	8	119	1081.8		99
10	AUG	2006	12:34:24	8	120	1081.8		99
10	AUG	2006	12:34:38	8	121	1081.7	987.9	99
10	AUG	2006	12:34:53	8	122	1081.7		99
10	AUG	2006	12:35:07	8	123	1081.6		99
10	AUG	2006	12:35:20	8	124	1081.5		99
10	AUG	2006	12:35:34	8	125	1081.5		99
10	AUG	2006	12:35:48	8	126	1081.5		99
10	AUG	2006	12:36:02	8	127	1081.4		99
10	AUG	2006	12:36:16	8	128	1081.3		99
10	AUG	2006	12:36:30	8	129	1081.3		99
10	AUG	2006	12:36:44	8	130	1081.3		99
10	AUG	2006	12:36:58	8	131	1081.2		99
10	AUG	2006	12:37:12	8	132	1081.2		99
10	AUG	2006	12:37:26	8	133	1081.1		99
10	AUG	2006	12:37:40	8	134	1081.1		99
10	AUG	2006	12:37:54	8	135	1081		99
10	AUG	2006	12:38:08	8	136	1081		99
10	AUG	2006	12:38:22	8	137	1080.9		99
10	AUG	2006	12:38:36	8	138	1080.9		99
10	AUG	2006	12:38:51	8	139	1080.8		99
10	AUG	2006	12:39:05	8	140	1080.8		99
10	AUG	2006	12:39:18	8	141	1080.8		99
10	AUG	2006	12:39:32	8	142	1080.7	987.9	99
10	AUG	2006	12:39:46	8	143	1080.7		99
10	AUG	2006	12:40:00	8	144	1080.6		99
10	AUG	2006	12:40:14	8	145	1080.6		99
10	AUG	2006	12:40:28	8	146	1080.5		99
10	AUG	2006	12:40:42	8	147	1027.7		99

3000 PSIG		2404-1	29 MAR		2006		PSIG CASING	PSIG TUBING	AMBIENT TEMP.
DATE	MONTH	YEAR	TIME	FILE	SAMPLE				
10 AUG		2006	12:40:56	8	148	864.7		99	
10 AUG		2006	12:41:10	8	149	653.3		99	
10 AUG		2006	12:41:24	8	150	358.39		99	
10 AUG		2006	12:41:38	8	151	0		99	
10 AUG		2006	12:41:52	8	152	0		99	
10 AUG		2006	12:42:06	8	153	0		99	
10 AUG		2006	12:42:20	8	154	0		99	
10 AUG		2006	12:42:34	8	155	0		99	
10 AUG		2006	12:42:49	8	156	0		99	
10 AUG		2006	12:43:03	8	157	0		99	
10 AUG		2006	12:43:16	8	158	0		99	





**QEP Uinta Basin, Inc.**  
11002 East 17500 South  
Vernal, UT 84078  
Tel 435 781 4300 • Fax 435 781 4329

S. L. Tomkinson  
Phone: 435-781-4308  
Fax: 435-781-4323  
Email: [Stephanie.Tomkinson@questar.com](mailto:Stephanie.Tomkinson@questar.com)

August 21, 2006

Via Certified Mail: 7005 0390 0004 6658 1857

Nathan Wiser (8ENF-UFO)  
UIC Program  
U.S. EPA, Region VIII  
999 18<sup>th</sup> Street, Suite 300  
Denver, Colorado 80202-2466

***RE: Mechanical Integrity Test (MIT)  
for  
RW 24-26B  
EPA # UT2000-02448  
API #43-047-30518  
SESW SECTION 26 T7S R23E***

Dear Mr. Wiser:

Enclosed for the subject well is the successful MIT result including the Casing or Annulus Pressure Test form and the pressure test chart. The MIT for this well is a regularly scheduled test.

If you have any questions or require additional information, I can be reached at 435-781-4308.

Sincerely,

Stephanie L. Tomkinson  
Regulatory Affairs Biologist

Enclosures: MIT Casing or Annulus Pressure Test Form  
MIT Results Spreadsheet with Pressure Test Chart

cc: Utah Division of Oil Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

U.S. Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

**RECEIVED**  
**AUG 23 2006**  
DIV. OF OIL, GAS & MINING

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>
1. DJJ
2. CDW

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**1/1/2007**

<b>FROM:</b> (Old Operator): N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900	<b>TO:</b> ( New Operator): N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900
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CA No.		Unit:		RED WASH UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- 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: BLM 4/23/2007 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- 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: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** 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: THIS IS A COMPANY NAME CHANGE.**

**SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED**

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 1 (41-26B)	RW 41-26B	NENE	26	070S	230E	4304715135	5670	Federal	OW	TA
RWU 3 (34-23B)	RW 34-23B	SWSE	23	070S	230E	4304715136	5670	Federal	OW	P
RWU 4 (41-22B)	RW 41-22B	NENE	22	070S	230E	4304715137	5670	Federal	OW	TA
RWU 5 (41-23B)	RW 41-23B	NENE	23	070S	230E	4304715138	5670	Federal	OW	P
RWU 8 (32-22B)	RW 32-22B	SWNE	22	070S	230E	4304715139	5670	Federal	OW	P
RWU 9 (43-23B)	RW 43-23B	NESE	23	070S	230E	4304715140	5670	Federal	OW	P
RWU 10 (12-23B)	RW 12-23B	SWNW	23	070S	230E	4304715141	5670	Federal	OW	TA
RWU 11	RW 34-27B	SWSE	27	070S	230E	4304715142	99996	Federal	WI	A
RWU 13 (14-22B)	RW 14-22B	SWSW	22	070S	230E	4304715143	5670	Federal	OW	TA
RW 14-13B	RW 14-13B	SWSW	13	070S	230E	4304715144	99996	Federal	WI	A
RWU 15 (32-17C)	RW 32-17C	SWNE	17	070S	240E	4304715145	5670	Federal	OW	P
RWU 17 (41-20B)	RW 41-20B	NENE	20	070S	230E	4304715146	5670	Federal	WI	A
RWU 19 (34-26B)	RW 34-26B	SWSE	26	070S	230E	4304715148	5670	Federal	GW	S
RWU 21 (32-14B)	RW 32-14B	SWNE	14	070S	230E	4304715150	5670	Federal	OW	P
RWU 23 (21-23B)	RW 21-23B	SENW	23	070S	230E	4304715151	99996	Federal	WI	A
RWU 24 (34-14B)	RW 34-14B	SWSE	14	070S	230E	4304715152	5670	Federal	OW	S
RWU 26 (23-22B)	RW 23-22B	NESW	22	070S	230E	4304715153	5670	Federal	OW	TA
RWU 27 (43-14B)	RW 43-14B	NESE	14	070S	230E	4304715154	5670	Federal	OW	TA
RWU 28 (43-22B)	RW 43-22B	NESE	22	070S	230E	4304715155	5670	Federal	OW	P
RWU 29 (32-23B)	RW 32-23B	SWNE	23	070S	230E	4304715156	5670	Federal	OW	P
RW 23-13B	RW 23-13B	NESW	13	070S	230E	4304715157	5670	Federal	GW	TA
RWU 31 (34-22B)	RW 34-22B	SWSE	22	070S	230E	4304715158	5670	Federal	OW	P
RWU 33 (14-14B)	RW 14-14B	SWSW	14	070S	230E	4304715160	5670	Federal	GW	TA
RWU 34 (23-14B)	RW 23-14B	NESW	14	070S	230E	4304715161	99996	Federal	WI	A
RW 43-13B	RW 43-13B	NESE	13	070S	230E	4304715162	5670	Federal	OW	TA
RWU 36 (32-13B)	RW 32-13B	SWNE	13	070S	230E	4304715163	5670	Federal	GW	P
RWU 38 (14-23B)	RW 14-23B	SWSW	23	070S	230E	4304715165	5670	Federal	OW	P
RWU 39 (14-24A)	RW 14-24A	SWSW	24	070S	220E	4304715166	5670	Federal	OW	TA
RWU 40 (21-24B)	RW 21-24B	NENW	24	070S	230E	4304715167	5670	Federal	OW	TA
RWU 41 (34-13B)	RW 34-13B	SWSE	13	070S	230E	4304715168	5670	Federal	OW	P
RWU 42 (21-29C)	RW 21-29C	NENW	29	070S	240E	4304715169	5670	Federal	GW	P
RWU 43 (12-17B)	RW 12-17B	SWNW	17	070S	230E	4304715170	5670	Federal	OW	P
RWU 44 (32-33C)	RW 32-33C	SWNE	33	070S	240E	4304715171	5670	Federal	GW	P
RWU 45 (23-30B)	RW 23-30B	NESW	30	070S	230E	4304715172	5670	Federal	OW	TA
RWU 46 (41-21C)	RW 41-21C	NENE	21	070S	240E	4304715173	5670	Federal	GW	TA
RWU 48 (32-19B)	RW 32-19B	SWNE	19	070S	230E	4304715174	99996	Federal	WI	I
RWU 49 (12-29B)	RW 12-29B	SWNW	29	070S	230E	4304715175	5670	Federal	OW	TA
RWU 50 (14-23A)	RW 14-23A	SWSW	23	070S	220E	4304715176	5670	Federal	OW	P
RWU 52 (14-18B)	RW 14-18B	SWSW	18	070S	230E	4304715178	5670	Federal	OW	TA
RWU 53 (41-25A)	RW 41-25A	NENE	25	070S	220E	4304715179	5670	Federal	OW	TA
RWU 56 (41-28B)	RW 41-28B	NENE	28	070S	230E	4304715182	99996	Federal	WI	A

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 57 (12-18C)	RW 12-18C	SWNW	18	070S	240E	4304715183	5670	Federal	OW	P
RWU 63 (21-22B)	RW 21-22B	NENW	22	070S	230E	4304715186	5670	Federal	GW	TA
RWU 64 (32-27B)	RW 32-27B	SWNE	27	070S	230E	4304715187	5670	Federal	OW	TA
RWU 66 (34-18B)	RW 34-18B	SWSE	18	070S	230E	4304715189	5670	Federal	OW	P
RWU 67 (42-22B)	RW 42-22B	SENE	22	070S	230E	4304715190	5670	Federal	OW	TA
RWU 69 (21-27B)	RW 21-27B	NENW	27	070S	230E	4304715191	5670	Federal	OW	TA
RWU 70 (23-22A)	RW 23-22A	NESW	22	070S	220E	4304715192	5670	Federal	OW	P
RWU 71 (21-18C)	RW 21-18C	NENW	18	070S	240E	4304715193	5670	Federal	OW	P
RWU 72 (23-27B)	RW 23-27B	NESW	27	070S	230E	4304715194	5670	Federal	OW	TA
RWU 74 (12-13B)	RW 12-13B	SWNW	13	070S	230E	4304715196	5670	Federal	GW	S
RWU 75 (21-26B)	RW 21-26B	NENW	26	070S	230E	4304715197	5670	Federal	OW	TA
RWU 76 (32-18C)	RW 32-18C	SWNE	18	070S	240E	4304715198	5670	Federal	GW	P
RWU 77 (21-13B)	RWU 77 (21-13B)	NENW	13	070S	230E	4304715199	5670	Federal	OW	P
RWU 78 (32-28B)	RW 32-28B	SWNE	28	070S	230E	4304715200	5670	Federal	OW	P
RWU 79 (12-27B)	RW 12-27B	SWNW	27	070S	230E	4304715201	5670	Federal	OW	TA
RWU 80 (14-27B)	RW 14-27B	SWSW	27	070S	230E	4304715202	5670	Federal	OW	S
RWU 81 (41-31B)	RW 41-31B	NENE	31	070S	230E	4304715203	5670	Federal	OW	P
RWU 83 (41-27A)	RW 41-27A	NENE	27	070S	220E	4304715205	5670	Federal	OW	P
RWU 84 (44-14B)	RW 44-14B	SESE	14	070S	230E	4304715206	5670	Federal	GW	P
RWU 88 (23-18B)	RW 23-18B	NESW	18	070S	230E	4304715210	5670	Federal	WI	A
RWU 90 (43-21B)	RW 43-21B	NESE	21	070S	230E	4304715211	5670	Federal	OW	P
RWU 92 (11-23B)	RW 11-23B	NWNW	23	070S	230E	4304715212	5670	Federal	OW	TA
RWU 94 (12-22A)	RW 12-22A	SWNW	22	070S	220E	4304715213	5670	Federal	OW	P
RWU 23-18C (97)	RW 23-18C	NESW	18	070S	240E	4304715216	99996	Federal	WI	I
RWU 99 (12-22B)	RW 12-22B	SWNW	22	070S	230E	4304715218	5670	Federal	OW	P
RWU 100-A (43-21A)	RW 43-21A	NESE	21	070S	220E	4304715219	5670	Federal	WI	A
RWU 101 (34-21B)	RW 34-21B	SWSE	21	070S	230E	4304715220	5670	Federal	OW	P
RWU 102 (41-24A)	RW 41-24A	SENE	24	070S	220E	4304715221	5670	Federal	WI	A
RWU 103 (34-15B)	RW 34-15B	SWSE	15	070S	230E	4304715222	5670	Federal	OW	P
RWU 108 (32-21B)	RW 32-21B	SWNE	21	070S	230E	4304715226	5670	Federal	OW	P
RWU 109 (21-28B)	RW 21-28B	NENW	28	070S	230E	4304715227	5670	Federal	OW	P
RWU 110 (23-23A)	RW 23-23A	NESW	23	070S	220E	4304715228	5670	Federal	OW	P
RWU 111 (32-24A)	RW 32-24A	SWNE	24	070S	220E	4304715229	5670	Federal	OW	S
RWU 112 (32-28A)	RW 32-28A	SWNE	28	070S	220E	4304715230	5670	Federal	OW	S
RWU 115 (21-19B)	RW 21-19B	NENW	19	070S	230E	4304715233	5670	Federal	OW	P
RWU 119 (43-29A)	RW 43-29A	NESE	29	070S	220E	4304715236	5670	Federal	OW	P
RWU 120 (23-28B)	RW 23-28B	NESW	28	070S	230E	4304715237	5670	Federal	OW	TA
RW 13-13B	RW 13-13B	NWSW	13	070S	230E	4304715238	5670	Federal	GW	P
RWU 122 (24-14B)	RW 24-14B	SESW	14	070S	230E	4304715239	5670	Federal	OW	P
RWU 125 (34-19B)	RW 34-19B	SWSE	19	070S	230E	4304715242	5670	Federal	OW	TA
RWU 126 (41-29A)	RW 41-29A	NENE	29	070S	220E	4304715243	5670	Federal	OW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 127 (12-19B)	RW 12-19B	SWNW	19	070S	230E	4304715244	5670	Federal	OW	S
RWU 129 (14-15B)	RW 14-15B	SWSW	15	070S	230E	4304715246	5670	Federal	OW	P
RWU 133 (41-34B)	RW 41-34B	NENE	34	070S	230E	4304715250	5670	Federal	OW	P
RWU 136 (43-19B)	RW 43-19B	NESE	19	070S	230E	4304715252	5670	Federal	OW	TA
RWU 137 (34-28B)	RW 34-28B	SWSE	28	070S	230E	4304715253	5670	Federal	GW	TA
RWU 138 (41-30B)	RW 41-30B	NENE	30	070S	230E	4304715254	5670	Federal	OW	P
RWU 140 (24-22B)	RW 24-22B	SESW	22	070S	230E	4304715255	5670	Federal	OW	P
RWU 141 (11-27B)	RW 11-27B	NWNW	27	070S	230E	4304715256	5670	Federal	OW	TA
RWU 143 (33-14B)	RW 33-14B	NWSE	14	070S	230E	4304715257	5670	Federal	OW	P
RWU 144 (21-18B)	RW 21-18B	NENW	18	070S	230E	4304715258	5670	Federal	OW	TA
RW 24-13B	RW 24-13B	SESW	13	070S	230E	4304715259	5670	Federal	OW	TA
RWU 147 (22-22B)	RW 22-22B	SESW	22	070S	230E	4304715260	5670	Federal	OW	TA
RWU 148 (13-22B)	RW 13-22B	NWSW	22	070S	230E	4304715261	99996	Federal	WI	A
RWU 150 (31-22B)	RW 31-22B	NWNE	22	070S	230E	4304715263	99996	Federal	WI	I
RWU 151 (42-14B)	RW 42-14B	SENE	14	070S	230E	4304715264	5670	Federal	OW	P
RWU 153 (14-29B)	RW 14-29B	SWSW	29	070S	230E	4304715265	5670	Federal	OW	P
RWU 156 (23-15B)	RW 23-15B	NESW	15	070S	230E	4304715267	99990	Federal	WI	A
RWU 158 (32-30B)	RW 32-30B	SWNE	30	070S	230E	4304715268	5670	Federal	OW	P
RWU 160 (32-15B)	RW 32-15B	SWNE	15	070S	230E	4304715270	5670	Federal	OW	P
RWU 161 (14-20B)	RW 14-20B	SWSW	20	070S	230E	4304715271	99996	Federal	WI	I
RWU 162 (12-20B)	RW 12-20B	SWNW	20	070S	230E	4304715272	5670	Federal	OW	P
RWU 164 (12-28B)	RW 12-28B	SWNW	28	070S	230E	4304715274	5670	Federal	OW	P
RWU 165 (32-26B)	RW 32-26B	SWNE	26	070S	230E	4304715275	5670	Federal	GW	TA
RWU 167 (23-21B)	RW 23-21B	NESW	21	070S	230E	4304715277	5670	Federal	OW	S
RWU 168 (23-24B)	RW 23-24B	NESW	24	070S	230E	4304715278	5670	Federal	OW	TA
RWU 172 (21-30B)	RW 21-30B	NENW	30	070S	230E	4304715280	5670	Federal	OW	TA
RWU 174 (21-20B)	RW 21-20B	NENW	20	070S	230E	4304715281	5670	Federal	WI	A
RWU 176 (31-28B)	RW 31-28B	NWNE	28	070S	230E	4304715283	5670	Federal	OW	TA
RWU 177 (42-28B)	RW 42-28B	SENE	28	070S	230E	4304715284	5670	Federal	OW	TA
RW 22-13B	RW 22-13B	SESW	13	070S	230E	4304715285	5670	Federal	OW	TA
RWU 180 (31-23B)	RW 31-23B	NWNE	23	070S	230E	4304715287	5670	Federal	OW	TA
RWU 181 (34-30B)	RW 34-30B	SWSE	30	070S	230E	4304715288	5670	Federal	OW	P
RW 33-13B	RW 33-13B	NWSE	13	070S	230E	4304715289	5670	Federal	WI	A
RWU 184 (23-26B)	RW 23-26B	NESW	26	070S	230E	4304715290	5670	Federal	GW	S
RWU 188 (23-20B)	RW 23-20B	NESW	20	070S	230E	4304715291	5670	Federal	OW	TA
RWU 192 (41-33A)	RW 41-33A	NENE	33	070S	220E	4304715294	5670	Federal	OW	P
RWU 193 (43-24B)	RW 43-24B	NESE	24	070S	230E	4304715295	5670	Federal	GW	TA
RWU 194 (12-14B)	RW 12-14B	SWNW	14	070S	230E	4304715296	5670	Federal	OW	S
RWU 196 (23-17C)	RW 23-17C	NESW	17	070S	240E	4304715298	5670	Federal	GW	TA
RWU 199 (43-22A)	RW 43-22A	NESE	22	070S	220E	4304715301	99996	Federal	WI	A
RWU 201 (32-28C)	RW 32-28C	SWNE	28	070S	240E	4304715302	5670	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 202 (21-34A)	RW 21-34A	NENW	34	070S	220E	4304715303	99996	Federal	WI	I
RWU 204 (23-25A)	RW 23-25A	NESW	25	070S	220E	4304715305	5670	Federal	OW	P
RWU 205 (23-21C)	RW 23-21C	NESW	21	070S	240E	4304715306	5670	Federal	GW	TA
RWU 2 (14-24B)	RW 14-24B	SWSW	24	070S	230E	4304716472	99996	Federal	WI	A
RWU 7 (41-27B)	RW 41-27B	NENE	27	070S	230E	4304716473	99996	Federal	WI	I
RWU 16 (43-28B)	RW 43-28B	NESE	28	070S	230E	4304716475	99996	Federal	WI	I
RWU 25 (23-23B)	RW 23-23B	NESW	23	070S	230E	4304716476	99996	Federal	WI	A
RWU 59 (12-24B)	RW 12-24B	SWNW	24	070S	230E	4304716477	99996	Federal	WI	A
RWU 61 (12-27A)	RW 12-27A	SWNW	27	070S	220E	4304716478	99996	Federal	WI	I
RWU 91 (33-22B)	RW 33-22B	NWSE	22	070S	230E	4304716479	99996	Federal	WI	A
RWU 93 (43-27B)	RW 43-27B	NESE	27	070S	230E	4304716480	99996	Federal	WI	I
RWU 6 (41-21B)	RW 41-21B	NENE	21	070S	230E	4304716482	99996	Federal	WI	A
RWU 68 (41-13B)	RW 41-13B	NENE	13	070S	230E	4304716485	99996	Federal	WI	I
RWU 170 (41-15B)	RW 41-15B	NENE	15	070S	230E	4304716495	99996	Federal	WI	I
RWU 173 (21-21B)	RW 21-21B	NENW	21	070S	230E	4304716496	99996	Federal	WI	A
RWU 182 (14-21B)	RW 14-21B	SWSW	21	070S	230E	4304716497	99996	Federal	WI	A
RWU 185 (41-1B)	RW 41-14B	NENE	14	070S	230E	4304716498	99996	Federal	WI	A
RWU 212 (41-8F)	RW 41-8F	NENE	08	080S	240E	4304720014	5670	Federal	GW	P
RWU 213 (41-33B)	RW 41-33B	NENE	33	070S	230E	4304720060	99996	Federal	WD	A
RWU 215 (43-28A)	RW 43-28A	NESE	28	070S	220E	4304730058	99996	Federal	WD	A
RWU 216 (21-27A)	RW 21-27A	NENW	27	070S	220E	4304730103	99996	Federal	WI	A
RWU 219 (44-21C)	RW 44-21C	SESE	21	070S	240E	4304730149	5670	Federal	GW	S
RWU 220 (22-23B)	RW 22-23B	SENW	23	070S	230E	4304730192	5670	Federal	OW	TA
RWU 221 (13-27B)	RW 13-27B	NWSW	27	070S	230E	4304730199	5670	Federal	OW	TA
RWU 222 (31-27B)	RW 31-27B	NWNE	27	070S	230E	4304730200	5670	Federal	GW	TA
RWU 224 (44-22B)	RW 44-22B	SESE	22	070S	230E	4304730202	5670	Federal	GW	TA
RWU 225 (13-23B)	RW 13-23B	NWSW	23	070S	230E	4304730212	5670	Federal	GW	TA
RWU 226 (24-23B)	RW 24-23B	SESW	23	070S	230E	4304730249	5670	Federal	GW	S
RWU 227 (14-26B)	RW 14-26B	SWSW	26	070S	230E	4304730257	5670	Federal	OW	TA
RWU 228 (21-34B)	RW 21-34B	NENW	34	070S	230E	4304730258	5670	Federal	OW	P
RWU 229 (43-26B)	RW 43-26B	NESE	26	070S	230E	4304730259	5670	Federal	OW	TA
RWU 230 (14-18C)	RW 14-18C	SWSW	18	070S	240E	4304730309	5670	Federal	OW	P
RWU 231 (21-35B)	RW 21-35B	NENW	35	070S	230E	4304730310	5670	Federal	OW	TA
RWU 232 (12-26B)	RW 12-26B	SWNW	26	070S	230E	4304730311	5670	Federal	OW	TA
RWU 233 (12-25B)	RW 12-25B	SWNW	25	070S	230E	4304730312	5670	Federal	OW	TA
RWU 234 (32-24B)	RW 32-24B	SWNE	24	070S	230E	4304730313	5670	Federal	OW	P
RWU 235 (34-18C)	RW 34-18C	SWSE	18	070S	240E	4304730314	5670	Federal	OW	S
RWU 236 (21-19C)	RW 21-19C	NENW	19	070S	240E	4304730340	5670	Federal	GW	P
RWU 237 (14-25B)	RW 14-25B	SWSW	25	070S	230E	4304730341	5670	Federal	OW	P
RWU 238 (32-35B)	RW 32-35B	SWNE	35	070S	230E	4304730342	5670	Federal	OW	TA
RWU 239 (41-35B)	RW 41-35B	NENE	35	070S	230E	4304730343	5670	Federal	OW	TA

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 240 (12-36B)	RW 12-36B	SWNW	36	070S	230E	4304730344	5670	Federal	OW	S
RWU 241 (22-14B)	RW 22-14B	SENW	14	070S	230E	4304730345	5670	Federal	OW	P
RW 42-13B	RW 42-13B	SENE	13	070S	230E	4304730346	5670	Federal	OW	P
RWU 243 (42-18C)	RW 42-18C	SENE	18	070S	240E	4304730347	5670	Federal	OW	TA
RWU 244 (23-19C)	RW 23-19C	NESW	19	070S	240E	4304730348	5670	Federal	GW	P
RWU 246 (22-18C)	RW 22-18C	SENW	18	070S	240E	4304730387	5670	Federal	OW	P
RWU 247 (22-17C)	RW 22-17C	SENW	17	070S	240E	4304730388	5670	Federal	GW	P
RWU 258 (34-22A)	RW 34-22A	SWSE	22	070S	220E	4304730458	5670	Federal	WI	A
RWU 262 (22-26B)	RW 22-26B	SENW	26	070S	230E	4304730517	5670	Federal	GW	TA
RWU 263 (24-26B)	RW 24-26B	SESW	26	070S	230E	4304730518	99996	Federal	WI	I
RWU 264 (31-35B)	RW 31-35B	NWNE	35	070S	230E	4304730519	99996	Federal	WI	A
RWU 265 (44-26B)	RW 44-26B	SESE	26	070S	230E	4304730520	5670	Federal	GW	P
RWU 266 (33-26B)	RW 33-26B	NWSE	26	070S	230E	4304730521	99996	Federal	WI	I
RWU 269 (13-26B)	RW 13-26B	NWSW	26	070S	230E	4304730522	99996	Federal	WI	A
RWU 273 (42-27B)	RW 42-27B	SENE	27	070S	230E	4304731051	5670	Federal	OW	TA
RWU 279 (11-36B)	RW 11-36B	NWNW	36	070S	230E	4304731052	99996	Federal	WI	A
RWU 276 (44-27B)	RW 44-27B	SESE	27	070S	230E	4304731053	5670	Federal	OW	TA
RWU 272 (44-23B)	RW 44-23B	SESE	23	070S	230E	4304731054	5670	Federal	GW	P
RWU 278 (11-26)	RW 11-26	NWNW	26	070S	230E	4304731076	5670	Federal	GW	TA
RWU 275 (31-26B)	RW 31-26B	NWNE	26	070S	230E	4304731077	99996	Federal	WI	A
RWU 280 (11-35B)	RW 11-35B	NWNW	35	070S	230E	4304731079	5670	Federal	OW	P
RWU 282 (42-26B)	RW 42-26B	SENE	26	070S	230E	4304731080	5670	Federal	GW	TA
RWU 271 (42-35B)	RW 42-35B	SENE	35	070S	230E	4304731081	5670	Federal	WI	I
RWU 270 (22-35B)	RW 22-35B	SENW	35	070S	230E	4304731082	5670	Federal	OW	P
RWU 284 (33-23B)	RW 33-23B	NWSE	23	070S	230E	4304731476	5670	Federal	GW	TA
RWU 285 (11-24B)	RW 11-24B	NWNW	24	070S	230E	4304731477	5670	Federal	OW	P
RWU 286 (42-21B)	RW 42-21B	SENE	21	070S	230E	4304731478	5670	Federal	OW	P
RW 44-13B	RW 44-13B	SESE	13	070S	230E	4304731512	5670	Federal	OW	TA
RWU 288 (24-27)	RW 24-27	SESW	27	070S	230E	4304731513	5670	Federal	OW	TA
RWU 289 (13-24B)	RW 13-24B	NWSW	24	070S	230E	4304731517	5670	Federal	OW	P
RWU 292 (42-23B)	RW 42-23B	SENE	23	070S	230E	4304731576	5670	Federal	GW	TA
RWU 295 (11-22B)	RW 11-22B	NWNW	22	070S	230E	4304731577	5670	Federal	GW	TA
RWU 296 (12-35B)	RW 12-35B	SWNW	35	070S	230E	4304731578	5670	Federal	OW	S
RWU 297 (24-15B)	RW 24-15B	SESW	15	070S	230E	4304731579	5670	Federal	OW	P
RWU 293 (22-22A)	RW 22-22A	SENW	22	070S	220E	4304731581	5670	Federal	OW	TA
RWU 294 (24-18C)	RW 24-18C	SESW	18	070S	240E	4304731582	5670	Federal	GW	P
RWU 298 (22-27B)	RW 22-27B	SENW	27	070S	230E	4304731679	5670	Federal	OW	TA
RWU 301 (43-15B)	RW 43-15B	NESE	15	070S	230E	4304731682	5670	Federal	GW	TA
RWU 302 (22-24B)	RW 22-24B	SENW	24	070S	230E	4304731683	5670	Federal	GW	TA
RWU 303 (34-17B)	RW 34-17B	SWSE	17	070S	230E	4304731819	5670	Federal	OW	P
RED WASH 305 (41-4F)	RW 41-4F	C-NE	04	080S	240E	4304732538	5670	Federal	GW	TA

## RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RED WASH 306	RW 23-23C	NESW	23	070S	240E	4304732629	5670	Federal	GW	P
RWU 207	RW 14-17B	SWSW	17	070S	230E	4304732738	5670	Federal	OW	P
RED WASH UNIT 261	RW 23-17B	NESW	17	070S	230E	4304732739	5670	Federal	WI	A
RWU 268 (43-17B)	RW 43-17B	NESE	17	070S	230E	4304732980	5670	Federal	WI	A
RWU 267 (32-17B)	RW 32-17B	SWNE	17	070S	230E	4304732981	5670	Federal	OW	P
RWU 283 (43-18B)	RW 43-18B	NESE	18	070S	230E	4304732982	5670	Federal	WI	A
RWU 299 (32-18B)	RW 32-18B	SWNE	18	070S	230E	4304733018	5670	Federal	OW	P
RWU 42-20B	RW 42-20B	SENE	20	070S	230E	4304733490	5670	Federal	OW	P
RWU 22-20B	RW 22-20B	SENE	20	070S	230E	4304733491	5670	Federal	OW	S
RWU 24-19B	RW 24-19B	SESW	19	070S	230E	4304733492	5670	Federal	OW	P
RWU 13-19B	RW 13-19B	NWSW	19	070S	230E	4304733497	5670	Federal	WI	A
RWU 13-20B	RW 13-20B	NWSW	20	070S	230E	4304733498	5670	Federal	WI	A
RWU 33-19B	RW 33-19B	NWSE	19	070S	230E	4304733499	5670	Federal	WI	A
RWU 33-20B	RW 33-20B	NWSE	20	070S	230E	4304733500	5670	Federal	WI	A
RED WASH 22-21B	RW 22-21B	SENE	21	070S	230E	4304733522	5670	Federal	OW	S
RED WASH 24-20B	RW 24-20B	SESW	20	070S	230E	4304733523	5670	Federal	OW	P
RED WASH 44-19B	RW 44-19B	SESE	19	070S	230E	4304733524	5670	Federal	OW	P
RED WASH 44-20B	RW 44-20B	SESE	20	070S	230E	4304733525	5670	Federal	OW	P
RWU 11-19B	RW 11-19B	NWNW	19	070S	230E	4304733552	5670	Federal	WI	A
RWU 11-20B	RW 11-20B	NWNW	20	070S	230E	4304733553	5670	Federal	WI	A
RWU 24-18B	RW 24-18B	SESW	18	070S	230E	4304733554	5670	Federal	OW	P
RWU 31-19B	RW 31-19B	NWNE	19	070S	230E	4304733555	5670	Federal	WI	A
RWU 42-19B	RW 42-19B	SENE	19	070S	230E	4304733556	5670	Federal	OW	P
RWU 22-19B	RW 22-19B	SENE	19	070S	230E	4304733559	5670	Federal	OW	P
RWU 23-24A	RW 23-24A	NESW	24	070S	220E	4304733567	5670	Federal	OW	P
RWU 34-24A	RW 34-24A	SWSE	24	070S	220E	4304733568	5670	Federal	WI	A
RWU 42-24A	RW 42-24A	SENE	24	070S	220E	4304733569	5670	Federal	OW	S
RWU 11-25A	RW 11-25A	NWNW	25	070S	220E	4304733574	5670	Federal	WI	A
RWU 13-25A	RW 13-25A	NWSW	25	070S	220E	4304733575	5670	Federal	WI	A
RWU 21-25A	RW 21-25A	NENW	25	070S	220E	4304733576	5670	Federal	OW	P
RWU 31-25A	RW 31-25A	NWNE	25	070S	220E	4304733577	5670	Federal	WI	A
RWU 33-25A	RW 33-25A	NWSE	25	070S	220E	4304733578	5670	Federal	WI	A
RW 41-25AX	RW 41-25A	NENE	25	070S	220E	4304733579	5670	Federal	OW	P
RWU 42-25A	RWU 42-25A	SENE	25	070S	220E	4304733580	5670	Federal	OW	TA
RWU 11-29B	RW 11-29B	NWNW	29	070S	230E	4304733590	5670	Federal	WI	A
RWU 12-24A	RW 12-24A	SWNW	24	070S	220E	4304733591	5670	Federal	WI	A
RWU 21-24A	RW 21-24A	NENW	24	070S	220E	4304733592	5670	Federal	OW	P
RWU 34-13A	RW 34-13A	SWSE	13	070S	220E	4304733593	5670	Federal	WI	A
RWU 44-18B	RW 44-18B	SESE	18	070S	230E	4304733594	5670	Federal	OW	P
RW 22-13A	RW 22-13A	SENE	13	070S	220E	4304733765	13296	Federal	OW	S
RWU 22-29B	RW 22-29B	SENE	29	070S	230E	4304733766	5670	Federal	OW	S

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 41-24A	RW 41-24A	NENE	24	070S	220E	4304733769	5670	Federal	OW	P
RWU 42-30B	RW 42-30B	SENE	30	070S	230E	4304733771	5670	Federal	OW	P
RWU 44-30B	RWU 44-30B	SESE	30	070S	230E	4304733772	5670	Federal	OW	P
RWU 11-30B	RW 11-30B	NWNW	30	070S	230E	4304733785	5670	Federal	WI	A
RWU 22-25A	RW 22-25A	SENE	25	070S	220E	4304733786	5670	Federal	OW	P
RWU 31-30B	RW 31-30B	NWNE	30	070S	230E	4304733788	5670	Federal	WI	A
RWU 33-30B	RW 33-30B	NWSE	30	070S	230E	4304733790	5670	Federal	WI	A
RED WASH U 34-27C	RW 34-27C	SWSE	27	070S	240E	4304735045	5670	Federal	GW	P
RWU 34-22C	RW 34-22C	SWSE	22	070S	240E	4304735098	5670	Federal	GW	P
RW 12G-20C	RW 12G-20C	SWNW	20	070S	240E	4304735239	14011	Federal	GW	S
RW 43G-08F	RW 43G-08F	NESE	08	080S	240E	4304735655		Federal	GW	APD
RW 22G-09F	RW 22G-09F	SENE	09	080S	240E	4304735656	15636	Federal	GW	OPS
RWU 34-23AG	RW 34-23AG	SWSE	23	070S	220E	4304735668	5670	Federal	OW	P
RWU 34-27AG	RWU 34-27AD	SWSE	27	070S	220E	4304735669	5670	Federal	OW	DRL
RWU 32-27AG	RWU 32-27AG	SWNE	27	070S	220E	4304735670	5670	Federal	OW	S
RW 14-34AMU	RW 14-34AMU	SWSW	34	070S	220E	4304735671	14277	Federal	GW	P
RW 12-08FG	RW 12-08FG	SWNW	08	080S	240E	4304736348		Federal	GW	APD
RW 44-08FG	RW 44-08FG	SESE	08	080S	240E	4304736349	15261	Federal	GW	P
RW 12-17FG	RW 12-17FG	SWNW	17	080S	240E	4304736350		Federal	GW	APD
RW 34-34 AMU	RW 34-34 AD	SWSE	34	070S	220E	4304736351		Federal	GW	APD
RW 44-35 AMU	RW 44-35 AMU	SESE	35	070S	220E	4304736352		Federal	GW	APD
RW 14-35 AMU	RW 14-35 AMU	SWSW	35	070S	220E	4304736354		Federal	GW	APD
RW 33-31 BMU	RW 33-31 BD	NWSE	31	070S	230E	4304736357		Federal	GW	APD
RW 13-31 BMU	RW 13-31 BD	NWSW	31	070S	230E	4304736358		Federal	GW	APD
RW 32-15FG	RW 32-15FG	SWNE	15	080S	240E	4304736443		Federal	GW	APD
RW 21-26AG	RW 21-26AD	NENW	26	070S	220E	4304736768		Federal	OW	APD
RW 43-26AG	RW 43-26AG	NESE	26	070S	220E	4304736769		Federal	OW	APD
RW 43-23AG	RW 43-23AG	NESE	23	070S	220E	4304736770		Federal	OW	APD
RW 41-26AG	RW 41-26AG	NENE	26	070S	220E	4304736818		Federal	OW	APD
RW 04-25BG	RW 04-25B	NWSW	25	070S	230E	4304736982		Federal	OW	APD
RW 01-25BG	RW 01-25BG	NWNW	25	070S	230E	4304736983		Federal	OW	APD
RW 04-26BG	RW 04-26BG	SESW	26	070S	230E	4304736984		Federal	OW	APD
RW 01-26BG	RW 01-26BG	SWNW	26	070S	230E	4304736985		Federal	OW	APD
RW 01-35BG	RW 01-35BG	SWNW	35	070S	230E	4304736986		Federal	OW	APD

## RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 51 (12-16B)	RW 12-16B	SWNW	16	070S	230E	4304715177	5670	State	OW	P
RWU ST 189 (41-16B)	RW 41-16B	NENE	16	070S	230E	4304715292	5670	State	OW	S
RED WASH UNIT 259	RW 14-16B	SWSW	16	070S	230E	4304732785	5670	State	OW	P
RED WASH UNIT 260	RW 34-16B	SWSE	16	070S	230E	4304732786	5670	State	OW	P
RWU 324 (23-16B)	RW 23-16B	SESW	16	070S	230E	4304733084	5670	State	WI	OPS
RWU 21W-36A	RWU 21W-36A	NENW	36	070S	220E	4304733730		State	GW	LA
RWU 21G-36A	RWU 21G-36A	NENW	36	070S	220E	4304733731		State	OW	LA
RWU 41-36A	RWU 41-36A	NENE	36	070S	220E	4304733732		State	OW	LA
RWU 43-16B	RWU 43-16B	NESE	16	070S	230E	4304733733		State	OW	LA
RWU 21-16B	RWU 21-16B	NENW	16	070S	230E	4304733734		State	OW	LA
RWU 11-36A	RWU 11-36A	NWNW	36	070S	220E	4304733736		State	OW	LA
RWU 13-36A	RWU 13-36A	NWSW	36	070S	220E	4304733737		State	OW	LA
RW 32G-16C	RW 32G-16C	SWNE	16	070S	240E	4304735238	5670	State	GW	P
RW 14-36AMU	RW 14-36AMU	SWSW	36	070S	220E	4304736721		State	GW	APD
RW 01-36BG	RW 01-36BG	NWNW	36	070S	230E	4304736887	5670	State	OW	S
RW 24-16BG	RW 24-16BG	SESW	16	070S	230E	4304737746	5670	State	OW	DRL
RW 12-32BG	RW 12-32BG	SWNW	32	070S	230E	4304737946	15841	State	GW	DRL

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

<b>1. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> see attached
<b>2. NAME OF OPERATOR:</b> QUESTAR EXPLORATION AND PRODUCTION COMPANY		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> see attached
<b>3. ADDRESS OF OPERATOR:</b> 1050 17th Street Suite 500 <small>CITY</small> Denver STATE CO ZIP 80265		<b>7. UNIT or CA AGREEMENT NAME:</b> see attached
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: attached		<b>8. WELL NAME and NUMBER:</b> see attached
QTR/GTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		<b>9. API NUMBER:</b> attached
COUNTY: Uintah		<b>10. FIELD AND POOL, OR WILDCAT:</b>
STATE: UTAH		

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.** Clearly show all pertinent details including dates, depths, volumes, etc.

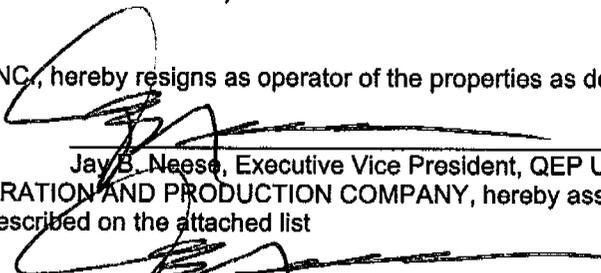
Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

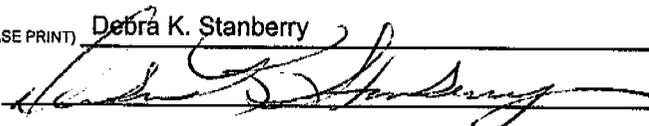
Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

  
Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

  
Jay B. Neese, Executive Vice President  
Questar Exploration and Production Company

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE 	DATE <u>3/16/2007</u>

(This space for State use only)

**RECEIVED**

**APR 19 2007**

DIV. OF OIL, GAS & MINING

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

<b>1. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> see attached
<b>2. NAME OF OPERATOR:</b> QUESTAR EXPLORATION AND PRODUCTION COMPANY		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> see attached
<b>3. ADDRESS OF OPERATOR:</b> 1050 17th Street Suite 500 City Denver STATE CO ZIP 80265		<b>7. UNIT or CA AGREEMENT NAME:</b> see attached
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: attached		<b>8. WELL NAME and NUMBER:</b> see attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		<b>9. API NUMBER:</b> attached
COUNTY: Uintah		<b>10. FIELD AND POOL, OR WILDCAT:</b>
STATE: UTAH		

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	
	<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only) Date of work completion: _____		

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.** Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE	DATE <u>4/17/2007</u>

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**RECEIVED**  
**APR 19 2007**  
DIV. OF OIL, GAS & MINING



# 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  
3180  
UT-922

April 23, 2007

Questar Exploration and Production Company  
1050 17th Street, Suite 500  
Denver, Colorado 80265

Re: Red Wash Unit  
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company 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 April 23, 2007. 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 the Red Wash Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Red Wash Unit.

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

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
File - Red Wash Unit (w/enclosure)  
Agr. Sec. Chron  
Reading File  
Central Files

UT922:TAThompson:tt:4/23/07

RECEIVED  
APR 30 2007  
DIV. OF OIL, GAS & MINING



**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company <b>N5085</b>		8. WELL NAME and NUMBER: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80265		9. API NUMBER: Attached
PHONE NUMBER: <b>(303) 672-6900</b>		10. FIELD AND POOL, OR WILDCAT: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached		COUNTY: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: <b>UTAH</b>

**11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:  
 Federal Bond Number: 965002976 (BLM Reference No. ESB000024) **N3700**  
 Utah State Bond Number: ~~965003033~~  
 Fee Land Bond Number: ~~965003033~~ } **965010695**  
 BIA Bond Number: ~~799446~~ } **965010693**

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <u>Morgan Anderson</u>	DATE <u>6/23/2010</u>

(This space for State use only)

**RECEIVED**  
**JUN 28 2010**  
DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

**APPROVED** 613012009  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
 RED WASH  
 effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 41-33B	33	070S	230E	4304720060	5670	Federal	WD	A	
RW 43-28A	28	070S	220E	4304730058	5670	Federal	WD	A	
RW 34-27B	27	070S	230E	4304715142	5670	Federal	WI	A	
RW 14-13B	13	070S	230E	4304715144	5670	Federal	WI	A	
RW 41-20B	20	070S	230E	4304715146	5670	Federal	WI	A	
RW 21-23B	23	070S	230E	4304715151	5670	Federal	WI	A	
RW 23-14B	14	070S	230E	4304715161	5670	Federal	WI	A	
RW 41-28B	28	070S	230E	4304715182	5670	Federal	WI	A	
RW 23-18B	18	070S	230E	4304715210	5670	Federal	WI	A	
RW 43-21A	21	070S	220E	4304715219	5670	Federal	WI	A	
RW 41-24A	24	070S	220E	4304715221	5670	Federal	WI	A	
RW 13-22B	22	070S	230E	4304715261	5670	Federal	WI	A	
RW 23-15B	15	070S	230E	4304715267	5670	Federal	WI	A	
RW 21-20B	20	070S	230E	4304715281	5670	Federal	WI	A	
RW 33-13B	13	070S	230E	4304715289	5670	Federal	WI	A	
RW 21-34A	34	070S	220E	4304715303	5670	Federal	WI	I	
RW 14-24B	24	070S	230E	4304716472	5670	Federal	WI	A	
RW 41-27B	27	070S	230E	4304716473	5670	Federal	WI	I	
RW 43-28B	28	070S	230E	4304716475	5670	Federal	WI	S	
RW 23-23B	23	070S	230E	4304716476	5670	Federal	WI	A	
RW 12-24B	24	070S	230E	4304716477	5670	Federal	WI	A	
RW 33-22B	22	070S	230E	4304716479	5670	Federal	WI	A	
RW 41-21B	21	070S	230E	4304716482	5670	Federal	WI	A	
RW 41-15B	15	070S	230E	4304716495	5670	Federal	WI	I	
RW 21-21B	21	070S	230E	4304716496	5670	Federal	WI	A	
RW 14-21B	21	070S	230E	4304716497	5670	Federal	WI	A	
RW 41-14B	14	070S	230E	4304716498	5670	Federal	WI	A	
RW 21-27A	27	070S	220E	4304730103	5670	Federal	WI	A	
RW 34-22A	22	070S	220E	4304730458	5670	Federal	WI	A	
RW 24-26B	26	070S	230E	4304730518	5670	Federal	WI	I	
RW 31-35B	35	070S	230E	4304730519	5670	Federal	WI	A	
RW 33-26B	26	070S	230E	4304730521	5670	Federal	WI	I	
RW 13-26B	26	070S	230E	4304730522	5670	Federal	WI	A	
RW 11-36B	36	070S	230E	4304731052	5670	Federal	WI	A	
RW 31-26B	26	070S	230E	4304731077	5670	Federal	WI	A	
RW 42-35B	35	070S	230E	4304731081	5670	Federal	WI	I	
RW 23-17B	17	070S	230E	4304732739	5670	Federal	WI	A	
RW 43-17B	17	070S	230E	4304732980	5670	Federal	WI	A	
RW 43-18B	18	070S	230E	4304732982	5670	Federal	WI	A	
RW 13-19B	19	070S	230E	4304733497	5670	Federal	WI	A	
RW 13-20B	20	070S	230E	4304733498	5670	Federal	WI	A	
RW 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A	
RW 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A	
RW 11-19B	19	070S	230E	4304733552	5670	Federal	WI	A	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
**RED WASH**  
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 11-20B	20	070S	230E	4304733553	5670	Federal	WI	A	
RW 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A	
RW 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A	
RW 11-25A	25	070S	220E	4304733574	5670	Federal	WI	A	
RW 13-25A	25	070S	220E	4304733575	5670	Federal	WI	A	
RW 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A	
RW 33-25A	25	070S	220E	4304733578	5670	Federal	WI	TA	
RW 11-29B	29	070S	230E	4304733590	5670	Federal	WI	A	
RW 12-24A	24	070S	220E	4304733591	5670	Federal	WI	A	
RW 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A	
RW 11-30B	30	070S	230E	4304733785	5670	Federal	WI	A	
RW 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A	
RW 33-30B	30	070S	230E	4304733790	5670	Federal	WI	A	

Bonds: BLM = ESB000024  
BIA = 956010693  
State = 965010695



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov/ut/st/en.html>

IN REPLY REFER TO:  
3100  
(UT-922)

JUL 28 2010

### Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office  
From: Chief, Branch of Minerals *Roger L. Bankart*  
Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS  
UDOGM

RECEIVED

AUG 16 2010

DIV. OF OIL, GAS & MINERALS

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

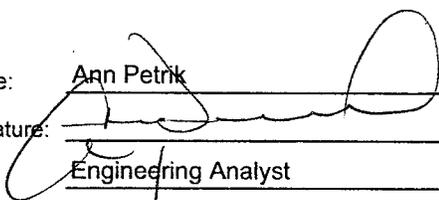
UIC FORM 5

**TRANSFER OF AUTHORITY TO INJECT**

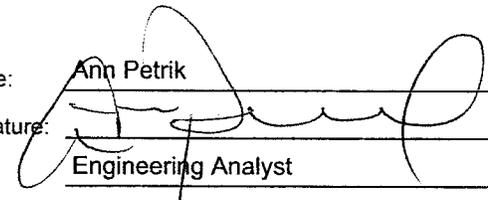
Well Name and Number See Attached List	API Number Attached
Location of Well	Field or Unit Name Attached
Footage : Attached	County :
QQ, Section, Township, Range:	State : UTAH
	Lease Designation and Number Attached

EFFECTIVE DATE OF TRANSFER: 6/14/2010

**CURRENT OPERATOR**

Company: <u>Questar Exploration and Production Company</u>	Name: <u>Ann Petrik</u>
Address: <u>1050 17th Street, Suite 500</u>	Signature: 
city <u>Denver</u> state <u>CO</u> zip <u>80265</u>	Title: <u>Engineering Analyst</u>
Phone: <u>(303) 672-6900</u>	Date: <u>6/28/2010</u>
Comments:	

**NEW OPERATOR**

Company: <u>QEP Energy Company</u>	Name: <u>Ann Petrik</u>
Address: <u>1050 17th Street, Suite 500</u>	Signature: 
city <u>Denver</u> state <u>CO</u> zip <u>80265</u>	Title: <u>Engineering Analyst</u>
Phone: <u>(303) 672-6900</u>	Date: <u>6/28/2010</u>
Comments:	

(This space for State use only)

Transfer approved by: \_\_\_\_\_

Approval Date: \_\_\_\_\_

Title: \_\_\_\_\_

Comments:

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

EPA approved well

Date: 6/29/10

By: D. Jones

**RECEIVED**

JUN 28 2010

**WEED DATA SHEET**

PROJECT NAME: *RW 24-26B*  
 SURVEYOR: Stephanie Tomkinson

DATE: *4-13-11*

	Location GPS Coordinates	Site Description	Weed Species	Cover Class or Number	Pattern	Infestation Size (acres)
1						
2						
3						
4						
5						
6						
7						

SITE DRAWING (Optional): Include a sketch of the infestation within the project area. Count the number of individuals if possible.

*same people*

*Holly  
 Andy  
 Jordan  
 Aaron  
 Keum  
 Dan  
 Eric  
 Jan  
 Valyn  
 Ryan*

*NO NOXIOUS WEEDS ON LOCATION.*

\*Cover Class- estimated percent cover, by species, of the infestation

- 0 = No weeds found
- 1 = Less than 1% (trace)
- 2 = One to five % (low - occasional plants)
- 3 = Six to twenty-five % (moderate - scattered plants)
- 4 = Twenty-five to 100 % (high - fairly dense)

\*Pattern - pattern of the infestation

- 0 = No weeds found
- 1 = Single plant or small area of many plants
- 2 = Linear
- 3 = Patchy
- 4 = Block

\*Infestation Size - number of estimated acres of the infestation

- 0 = No weeds found
- 1 = Less than one acre
- 2 = One to five acres
- 3 = five or more acres

Cheatgrass canopy cover: 3

Russian thistle canopy cover: 2

Halogeton canopy cover: 1

Kochia canopy cover: Ø

same veg

*wild onion      1/1+T*  
*mat phlox      1RG*  
*mormon tea      Broom SW*  
*rab. brush      galleta*  
*black sage*  
*CC gumweed      WBS*

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

FORM 9

**5. LEASE DESIGNATION AND SERIAL NUMBER:**  
UTU-0566

**SUNDRY NOTICES AND REPORTS ON WELLS**

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

**7. UNIT or CA AGREEMENT NAME:**  
RED WASH

**8. WELL NAME and NUMBER:**  
RW 24-26B

**9. API NUMBER:**  
43047305180000

**9. FIELD and POOL or WILDCAT:**  
RED WASH

**COUNTY:**  
UINTAH

**STATE:**  
UTAH

**1. TYPE OF WELL**  
Water Injection Well

**2. NAME OF OPERATOR:**  
QEP ENERGY COMPANY

**3. ADDRESS OF OPERATOR:** 11002 East 17500 South , Vernal, Ut, 84078  
**PHONE NUMBER:** 303 308-3068 Ext

**4. LOCATION OF WELL FOOTAGES AT SURFACE:**  
0591 FSL 2007 FWL  
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:**  
Qtr/Qtr: SESW Section: 26 Township: 07.0S Range: 23.0E Meridian: S

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

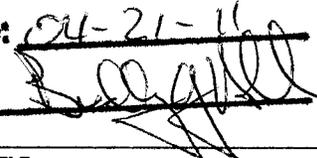
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 11/1/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
	<input checked="" type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.** Clearly show all pertinent details including dates, depths, volumes, etc.

QEP Energy Company requests approval to deepen the above well to a total depth of 10,546' to the Mesaverde Formation. In addition, the well pad has been modified to accomodate the larger drill rig and the Surface Use Plan has been revised to address all other changes. The ammended footages are: **591' FSL, 2008' FWL.** Please refer to the following plans: Surface Use Plan, 8-Point Drilling Plan, Plat Package

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

**Federal Approval of this  
Action is Necessary**

**Date:** 04-21-11  
**By:** 

<b>NAME (PLEASE PRINT)</b> Valyn Davis	<b>PHONE NUMBER</b> 435 781-4369	<b>TITLE</b> Regulatory Affairs Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/21/2011	

**QEP Energy Company**  
**RW 24-26B Drilling Prog**  
**API: 43-047-30518**  
**Summarized Re-Entry Procedure**

1. Clear location of all unnecessary equipment.
2. MIRU pulling unit.
3. ND tubing head, NU BOP's (3M).
4. Kill well if necessary.
5. POOH with all existing production equipment and tubing.
6. Completions will prep well for re-entry.
7. POOH.
8. ND BOP's
9. RD pulling unit, move off location.
10. MIRU drilling rig.
11. NU rig's 5M BOPE.
12. Drill out shoe and down to 10,546'.
13. Log well. Triple or Quad-Combo (GR, NEU/DEN, IND, RES, SON)
14. RIH with 4-1/2" 11.6# HCP-110 casing and cement.
15. ND BOP's.
16. RDMO.

ONSHORE OIL & GAS ORDER NO. 1  
QEP ENERGY COMPANY  
RW 24-26B (API#: 43-047-30518)

RE-ENTRY 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 & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated top of important geologic markers are as follows:

<u>Formation</u>	<u>Depth, TVD &amp; MD</u>
Green River	2,680'
Mahogany	3,467'
Original TD	5,700'
Wasatch	5,981'
Mesaverde	8,196'
Sego	10,446'
TD	10,546'

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

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

<u>Substance</u>	<u>Formation</u>	<u>Depth, TVD &amp; MD</u>
Gas	Wasatch	5,981'
Gas	Mesaverde	8,196'
Gas	Sego	10,446'

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 flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125

ONSHORE OIL & GAS ORDER NO. 1  
 QEP ENERGY COMPANY  
 RW 24-26B (API#: 43-047-30518)

(which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

**3. Operator's Specification for Pressure Control Equipment**

- A. 7 1/16" or 11" as available 5000 psi double ram with blind rams and pipe rams, annular preventer and drilling spool or BOP with 2 side outlets.
- B. All BOP connections subject to pressure shall be flanged, welded or clamped.
- C. Kill line (2" min), 2 choke line valves (3" min), choke line (3" min), 2 kill line valves (2" min) and a check valve, 2 chokes with one remotely controlled from rig floor and a pressure gauge on choke manifold.
- D. Upper and Lower Kelly cock valves with handles and safety valve and subs to fit all drill string connections.
- E. IBOP or float sub available.
- F. Fill up line must be installed above the uppermost preventer.
- G. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

**4. Casing Design:**

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.	Expected MW(ppg)
13 3/4"	9 5/8"	sfc	329'	47#	C-75	STC	Existing	N/A
8 1/2"	7"	sfc	5,700'	23#	K-55	LTC	Existing	N/A
6 1/8"	4 1/2"	sfc	10,546'	11.6#	HCP-110	LTC	New	8.8 – 9.6

Casing Strengths:				Collapse	Burst	Tensile (min)
9 5/8"	47#	C-75	STC	4,630 psi	6,440 psi	825,000 lb.
7"	23#	K-55	LTC	3,270 psi	4,360 psi	313,000 lb.
4 1/2"	11.6#	HCP-110	LTC	8,830 psi	10,710 psi	279,000 lb.

**Casing Design Factors**

Burst: 1.1

Collapse: 1.1

Tension: 1.4

Maximum anticipated mud weight: 10.5 ppg

Maximum anticipated surface treating pressure: 7,200 psi

**5. Cementing Program**

**4-1/2" Production Casing:**

**Lead Slurry: 3,000' (TOC) – 5,700.** 100 sks (299 ft<sup>3</sup>) Halliburton Extendacem, 3 pps Silicalite (extender), 1 pps Granulite TR ¼ (LCM), 0.125 pps Poly – E – Flake. Slurry Weight 11.0 lb/gal, 3.18 ft<sup>3</sup>/sk, 0% excess

**Tail Slurry: 5,700' – 10,546'.** 340 sks (574 ft<sup>3</sup>), Halliburton Expandacem, 0.2% Super CBL (Expander), 0.45% HR-5 (Retarder), 1 pps Granulite TR ¼, 0.125 pps Poly-E-Flake (LCM). Slurry Weight 13.5 lb/gal, 1.71 ft<sup>3</sup>/sk, 25% excess over gauge open hole.

\*Final cement volumes to be calculated from caliper log and will attempt to pump cement to 3,000'.

**6. Auxiliary Equipment**

- A. Kelly Cock – yes
- B. Float at the bit – yes
- C. Monitoring equipment on the mud system – PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Drilling below the 7" casing will be done with water based mud. Maximum anticipated mud weight is 10.5 ppg.

ONSHORE OIL & GAS ORDER NO. 1  
QEP ENERGY COMPANY  
RW 24-26B (API#: 43-047-30518)

- F. No minimum quantity of weight material will be required to be kept on location.
- G. Gas detector will be used from intermediate casing depth to TD.

7. **Testing, logging and coring program**

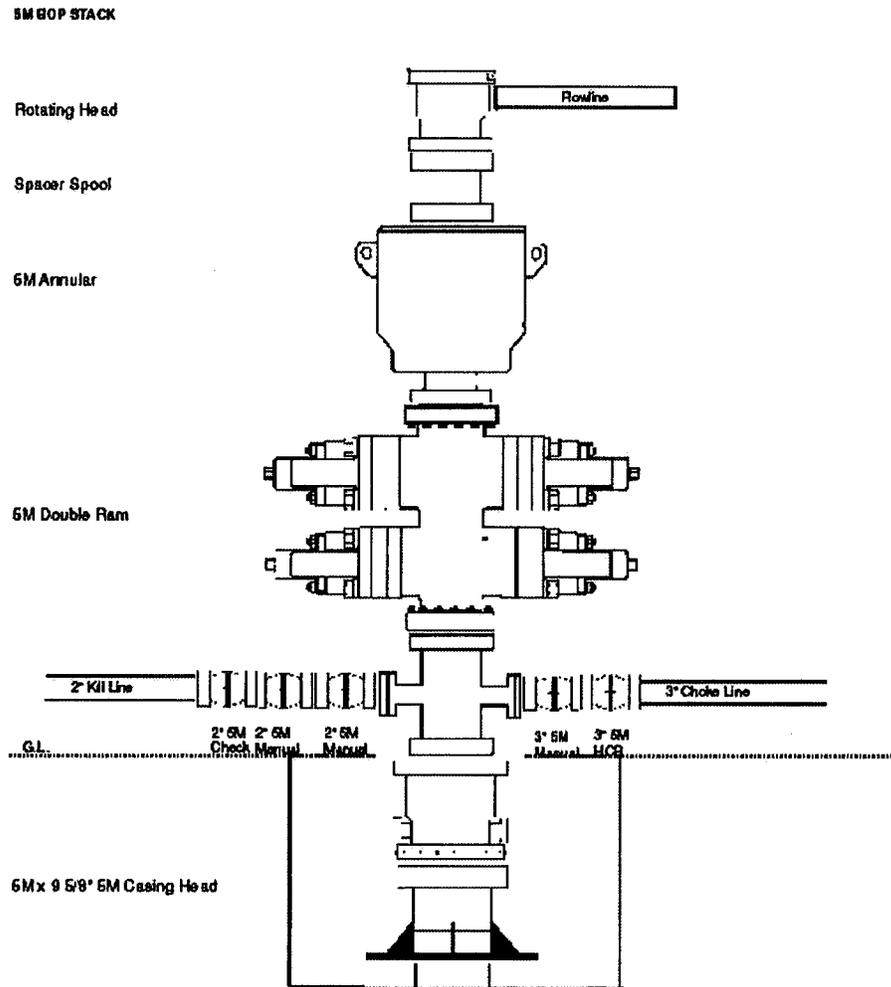
- A. Cores – none.
- B. DST – none anticipated
- C. Logging – Mud logging – Intermediate Casing to TD  
OH Logs: GR-SP-Induction, Neutron Density.
- D. Formation and Completion Interval:  
– Stimulation will be designed for the particular area of interest as encountered.

8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

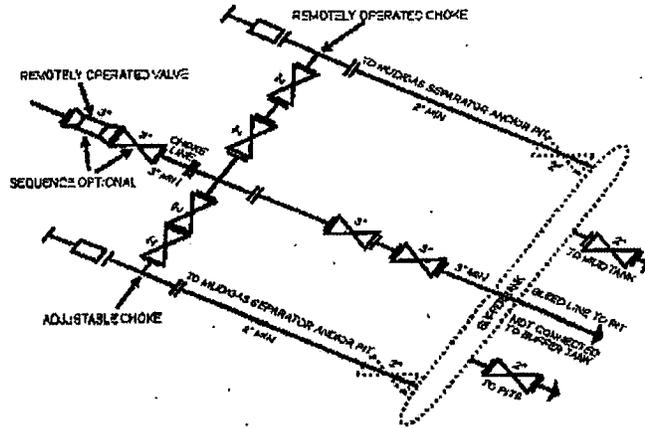
No abnormal temperatures or pressures are anticipated. Maximum anticipated bottom hole pressure equals approximately 5,738 psi. Maximum anticipated bottom hole temperature is 210° F.

H2S has not been encountered in other wells drilled to similar depths in the general area.

ONSHORE OIL & GAS ORDER NO. 1  
QEP ENERGY COMPANY  
RW 24-26B (API#: 43-047-30518)



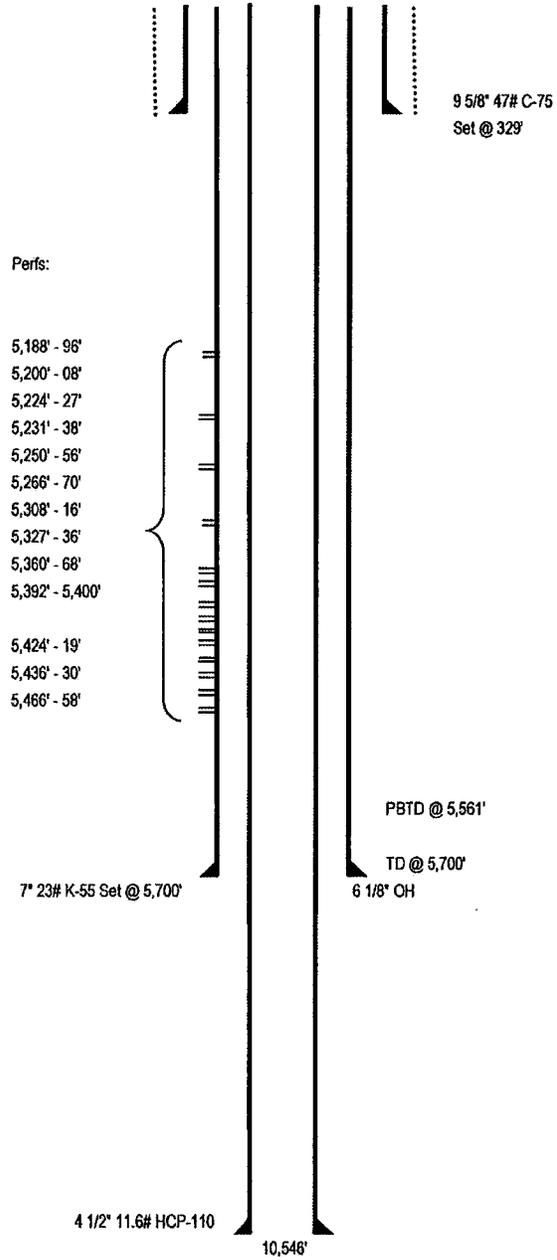
ONSHORE OIL & GAS ORDER NO. 1  
 QEP ENERGY COMPANY  
 RW 24-26B (API#: 43-047-30518)



5M CHOKES MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Although not required for any of the choke manifold systems, buffer tanks are sometimes installed downstream of the choke assemblies for the purpose of manifolding the bleed lines together. When buffer tanks are employed, valves shall be installed upstream to isolate a failure or malfunction without interrupting flow control. Though not shown on 2B4, 3M, 10M, OR 15M drawings, it would also be applicable to those situations.  
 [54 FR 39324, Sept. 27, 1989]

RW 24-26B  
API# 43-047-30518  
SESW Sec 26 T7S R23E  
Uintah County, Utah  
KB 5,521'  
GL 5,507'  
Original Spud 12/17/1978



**QEP ENERGY COMPANY  
RW 24-26B  
591' FSL 2008' FWL  
SESW, SECTION 26, T7S, R23E  
UINTAH COUNTY, UTAH  
LEASE # UTU-0566**

**ONSHORE ORDER NO. 1  
MULTI – POINT SURFACE USE & OPERATIONS PLAN**

An onsite inspection was conducted for the RW 24-26B on April 13, 2011. Weather conditions were sunny at the time of the onsite. In attendance at the inspection were the following individuals:

Kevin Sadlier	Bureau of Land Management
Aaron Roe	Bureau of Land Management
Holly Villa	Bureau of Land Management
Daniel Emmett	Bureau of Land Management
Jan Nelson	QEP Energy Company
Stephanie Tomkinson	QEP Energy Company
Ryan Angus	QEP Energy Company
Valyn Davis	QEP Energy Company
Eric Wickersham	QEP Energy Company
Andy Floyd	Uintah Engineering & Land Surveying

**1. Existing Roads:**

The proposed well site is approximately 26 miles South of Vernal, Utah.

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

All existing roads will be maintained and kept in good repair during all phases of operation.

**2. Planned Access Roads:**

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

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

No new access road is proposed. The access to be used is the access to the existing RW 24-26B location. Graveling or capping the roadbed will be performed as necessary to provide a well constructed safe road. Should conditions warrant, rock, gravel or culverts will be installed as needed.

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

Please refer to Topo Map C.

**4. Location of Existing & Proposed Facilities:**

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

The following guidelines will apply if the well is productive.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted impervious subsoil; hold 110% of the capacity of the largest tank; and, be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded to meet SPCC requirements with approval by the BLM/VFO AO. The specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed.

All loading lines will be placed inside the berm surrounding the tank batteries.

All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a color approved by the State.

It was determined on the onsite by the BLM VFO AO that the facilities will be painted Covert Green.

Refer to Topo Map D for the location of the proposed pipeline.

All existing equipment will be moved off location before any construction begins.

The proposed surface pipeline will be constructed utilizing existing disturbed areas to minimize surface disturbance. No construction activities will be allowed outside of the permitted ROW area.

Prior to construction, the Permittee will develop a plan of installation to minimize surface disturbance. Pipe will be strung along the ROW with either a flatbed trailer and rubber tired backhoe or a tracked typed side boom. Where surface conditions do not allow the pipe to be strung along the ROW using conventional methods, the Permittee will utilize pull sections to run the fabricated pipe through the area from central staging areas along the ROW.

Upon completion of stringing activities the Permittee will fabricate the pipeline on wooden skids adjacent to the centerline of the ROW using truck mounted welding machines. All fabricated piping will be lowered off of the wooden skids and placed

along the ROW centerline. Upon completion of all activities, the wooden skids will be removed from the ROW using a flatbed truck or flatbed truck and trailer.

When the surface terrain prohibits the Permittee from safely installing the pipeline along the permitted ROW, grading of the permitted ROW will be required. Prior to installing the pipeline in these areas a plan will be developed to safely install the pipeline while minimizing grading activities and surface disturbances. Additionally, erosion control Best Management Practices will be installed as needed prior to the start of any grading activities. Surface grading will be limited to what is needed to safely install the pipeline. Track type bulldozers and track type backhoes will be utilized for grading activities.

Upon completion of the pipeline installation, the permitted ROW will be restored to the pre-disturbance surface contours.

The proposed pipeline will be a surface 10" or smaller, 1,456' in length, containing 1.002 acres.

### **Road Crossings**

Fusion Bond or concrete coated pipe will be used for all road crossings to alleviate future corrosion.

All pipe and fittings used for road crossings will be prefabricated within the proposed ROW to minimize the duration of open pipe trench across the roadway. Pipe used for road crossings will be isolated on each end with a flange set and insulation kit and cathodically protected with a magnesium type anode. Adequately sized equipment will be used for minor and major road crossings. Depth of cover for minor roads will be >4' and the depth of cover for major roads will be >6'.

Prior to lowering the pipe in the trench, the Permittee will "Jeep" the pipe to locate and repair any holidays in the pipe coating. Upon lowering the pipe in the trench, 6" of bedding and a minimum of 6" of shading will be installed to protect the pipe using either native soils <1" in diameter or imported sand. Pipe trenches that extend across gravel roads will be backfilled with native soils to within 8" of the driving surface and capped with 3/4" road base. Pipe trenches that extend across asphalt paved roads will be backfilled to 4" of the driving surface with 3/4" road base and capped asphalt material.

### **5. Location and Type of Water Supply:**

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Water for drilling purposes would be obtained from Wonsits Valley Water Right # A 36125 (which was filed on May 7, 1964) or Red Wash Water Right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System.

**6. Source of Construction Materials:**

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2-3.

**7. Methods of Handling Waste Materials:**

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 6 months after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

It will be determined at the on-site inspection if a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner, a minimum of 20 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place.

No trash or scrap will be disposed of in the pit.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days.

After the 90 day period, the produced water will be contained in tanks on location and then hauled by truck to one of the following pre-approved disposal sites:

Red Wash disposal well located in the NESW, Section 28, T7S, R22E,  
Red Wash disposal well located in the NESW, Section 28, T7S, R22E,  
West End Disposal located in the NESE, Section 28, T7S, R22E,

or approved third-party surface evaporative pits.

Produced water, oil, and other byproducts will not be applied to roads or well pads for the control of dust or weeds. The dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site. The spills will be reported to the AO and other authorities as appropriate.

A chemical porta-toilet will be furnished with the drilling rig. The chemical porta-toilet wastes will be hauled to Ashley Valley Sewer and Water System for disposal.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig. All trash and waste material will be hauled to the Uintah County Landfill.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas. Specific APD's shall address any modifications from this policy.

**8. Ancillary Facilities:**

None anticipated.

**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 rig orientation, parking areas, and access roads, as well as the location of the following:

The stockpiled topsoil (first six inches), will not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with topsoil.

The flare pit or flare box will be located downwind from the prevailing wind direction.

The reserve pit.

Any drainage that crosses the well location will be diverted around the location by using ditches, water diversion drains or berms. If deemed necessary at the on-site, erosion drains may be installed to contain sediments that could be produced from access roads and well locations.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

**10. Fencing Requirements:**

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched using a stretching device before it is attached to corner posts.

The reserve pit will be fenced on three (3) sides during drilling operations. The fourth side will be put in place when the rig moves off location. The pit will be fenced and maintained until it is backfilled. If drilling operations does not commence within 3 days, the fourth side of the fence will be installed

**11. Plans for Reclamation of the Surface:**

Please refer to QEP Energy Company Uinta Basin Division Reclamation Plan

**Site Specific Procedures:**

**Site Specific Reclamation Summary:**

Reclamation will follow Questar Exploration and Production Company, Uinta Basin Division's Reclamation Plan, September 2009 (Questar's Reclamation Plan) and the BLM Green River District Reclamation Guidelines.

All trash and debris will be removed from the disturbed area.

The disturbed area will be backfilled with subsoil.

Topsoil will be spread to an even, appropriate depth and disked if needed.

Water courses and drainages will be restored.

Erosion control devices will be installed where needed.

Seeding will be done in the fall, prior to ground freeze up.

Seed mix will be submitted to a BLM AO for approval prior to seeding.

Monitoring and reporting will be conducted as stated in Questar's Reclamation Plan. A sundry notice (Form 3160.5), for the Reference Site will be filed at a later date.

It was determined and agreed upon that there is 3" inches of top soil.

**12. Surface Ownership:**

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
(435) 781-4400

**13. Other Information:**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on December 15, 2010, **Moac Report No. 10-237** by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A Class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted on December 16, 2010, **IPC # 10-226** by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide Paleo monitor if needed.

**Per the onsite on April 13, 2011, the following items were requested/discussed.**

There is a Ferruginous Hawk Stipulation from March 1 to August 1. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

**Additional Operator Remarks**

QEP Energy Company proposes to deepen the existing well bore for the RW 24-26B and drill to a depth of 10,546' to test the Mesa Verde Formation. 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"

Please see Onshore Order No. 1.

Please refer to QEP Energy Company Greater Deadman Bench  
EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

Please be advised that QEP Energy Company 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.ESB000024. The principal is QEP Energy Company via surety as consent as provided for the 43 CFR 3104.2.

# QEP ENERGY COMPANY

## RW #24-26B (RE-ENTRY)

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 26, T7S, R23E, S.L.B.&M.

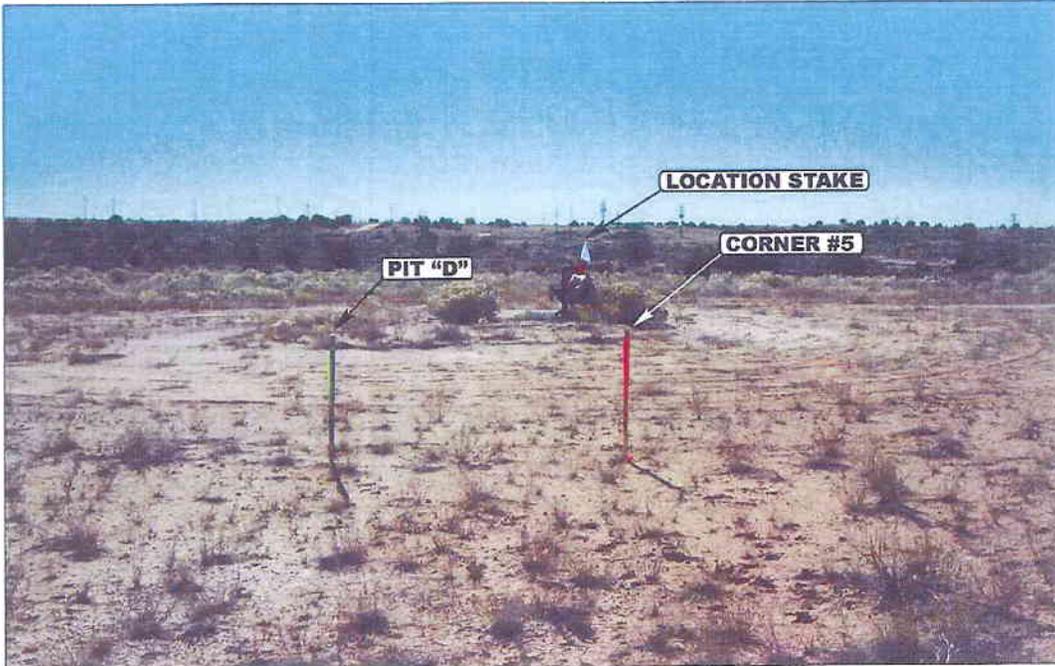


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY

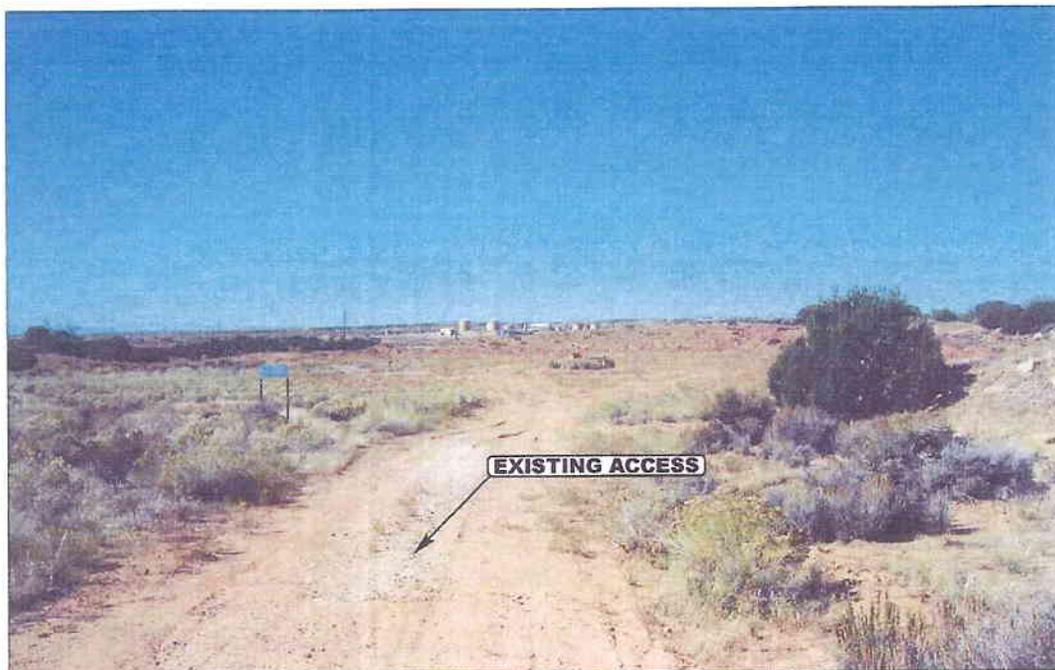


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: WESTERLY



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

LOCATION PHOTOS

10 26 10  
MONTH DAY YEAR

PHOTO

TAKEN BY: A.F. DRAWN BY: J.L.G. REVISED: 00-00-00

T7S, R23E, S.L.B.&M.

QEP ENERGY COMPANY

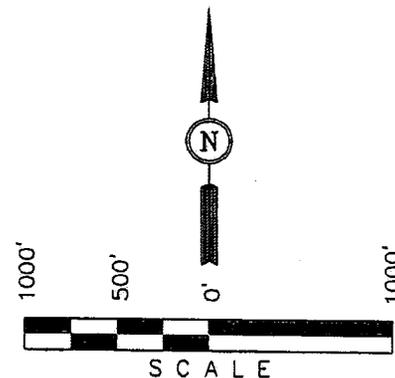
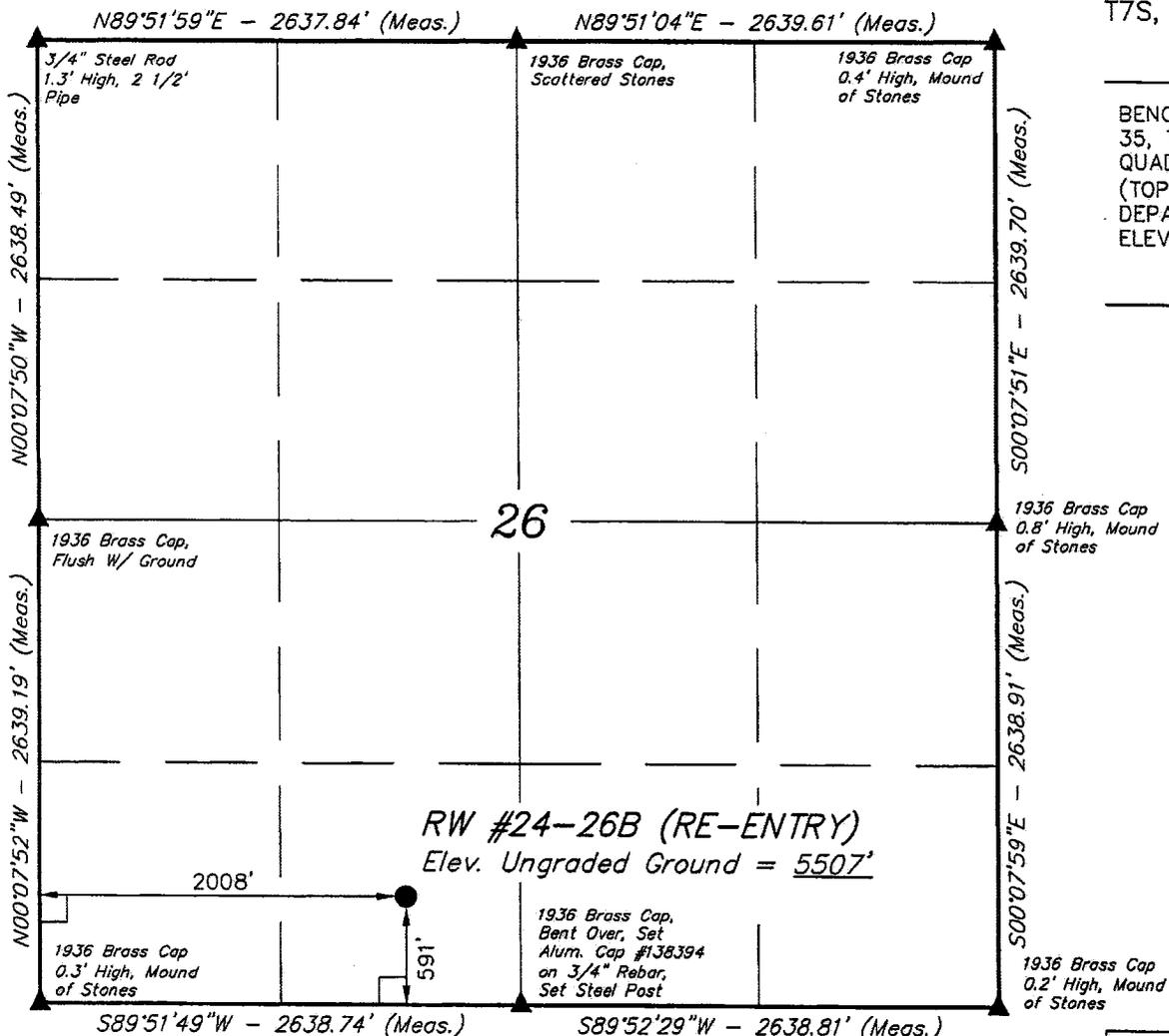
Well location, RW #24-26B (RE-ENTRY), located as shown in the SE 1/4 SW 1/4 of Section 26, T7S, R23E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

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

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

(NAD 83)  
 LATITUDE =  $40^{\circ}10'29.74''$  (40.174928)  
 LONGITUDE =  $109^{\circ}17'47.68''$  (109.296578)  
 (NAD 27)  
 LATITUDE =  $40^{\circ}10'29.87''$  (40.174964)  
 LONGITUDE =  $109^{\circ}17'45.23''$  (109.295897)

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

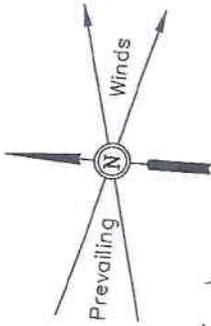
SCALE 1" = 1000'	DATE SURVEYED: 10-15-10	DATE DRAWN: 11-01-10
PARTY A.F. J.C. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE QEP ENERGY COMPANY	

QEP ENERGY COMPANY

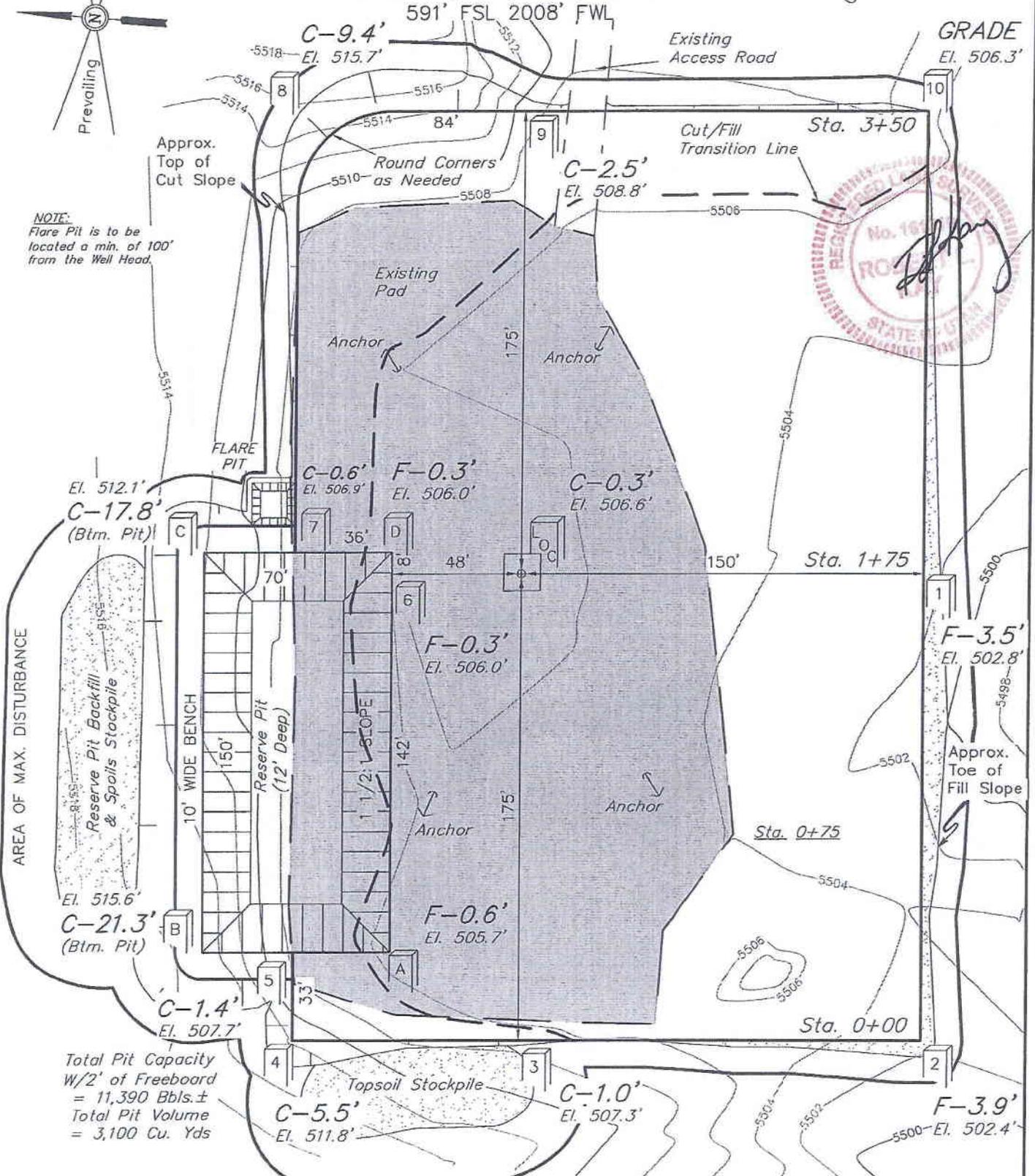
LOCATION LAYOUT FOR  
 RW #24-26B (RE-ENTRY)  
 SECTION 26, T7S, R23E, S.L.B.&M.

FIGURE #1

SCALE: 1" = 50'  
 DATE: 11-01-10  
 DRAWN BY: C.H.



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



Total Pit Capacity  
 W/2' of Freeboard  
 = 11,390 Bbbls. ±  
 Total Pit Volume  
 = 3,100 Cu. Yds

Elev. Ungraded Ground At Loc. Stake = 5506.6'  
 FINISHED GRADE ELEV. AT LOC. STAKE = 5506.3'

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

QEP ENERGY COMPANY

FIGURE #2

TYPICAL CROSS SECTIONS FOR

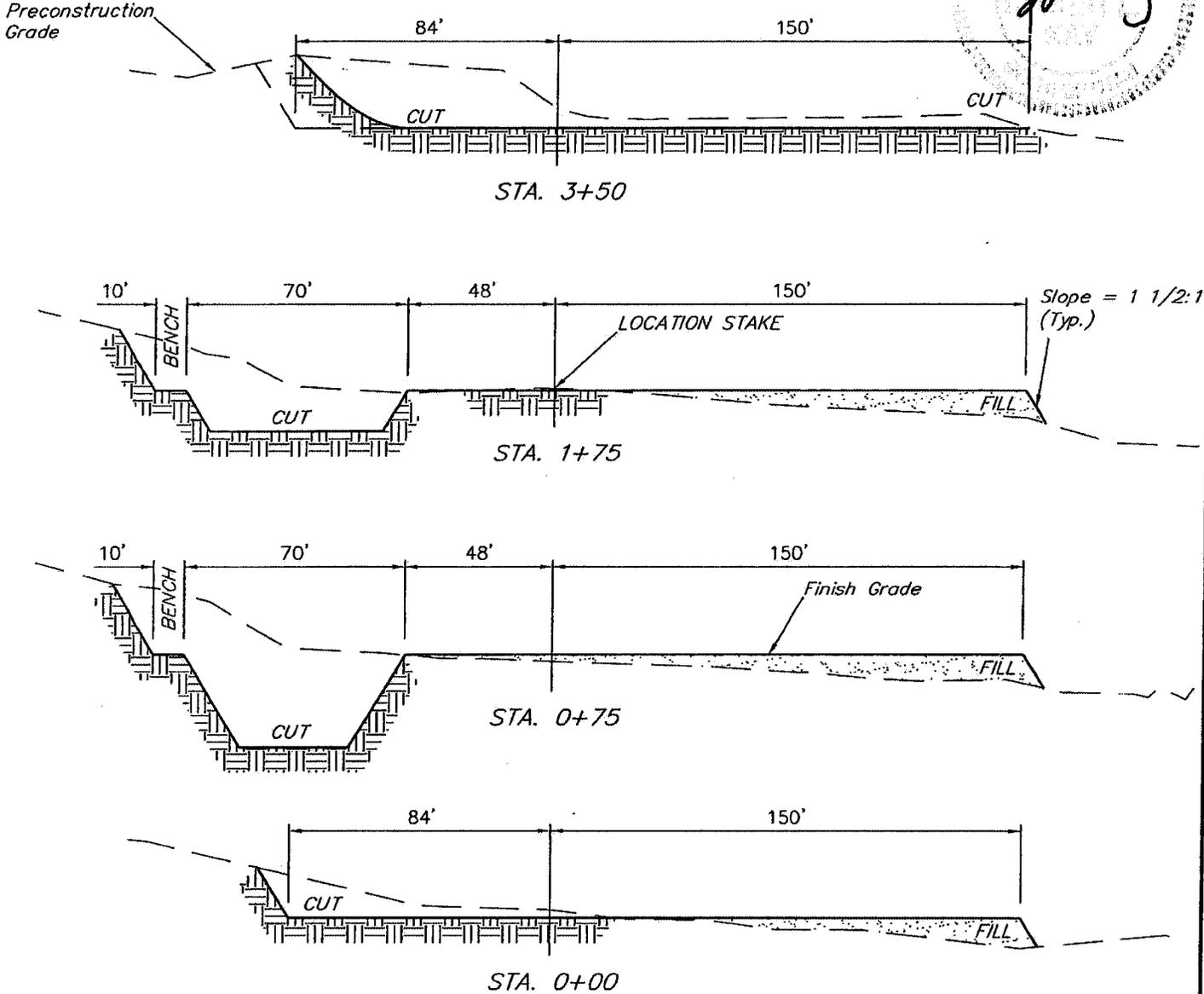
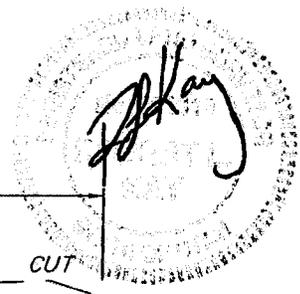
RW #24-26B (RE-ENTRY)

SECTION 26, T7S, R23E, S.L.B.&M.

591' FSL 2008' FWL

1" = 20'  
X-Section Scale  
1" = 50'

DATE: 11-01-10  
DRAWN BY: C.H.



APPROXIMATE ACREAGES

<u>EXISTING DISTURBANCE</u>	
WITHIN PROPOSED WELL SITE	= ± 0.992 ACRES
<u>REMAINING PROPOSED</u>	
WELL SITE DISTURBANCE	= ± 1.798 ACRES
ACCESS ROAD DISTURBANCE	= ± 0.000 ACRES
PIPELINE DISTURBANCE	= ± 1.003 ACRES
<b>TOTAL</b>	<b>= ± 3.793 ACRES</b>

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

NOTE:  
Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	860 Cu. Yds.
Remaining Location	=	5,650 Cu. Yds.
<b>TOTAL CUT</b>	<b>=</b>	<b>6,510 CU.YDS.</b>
<b>FILL</b>	<b>=</b>	<b>4,100 CU.YDS.</b>

EXCESS MATERIAL	=	2,410 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,410 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

**QEP ENERGY COMPANY**

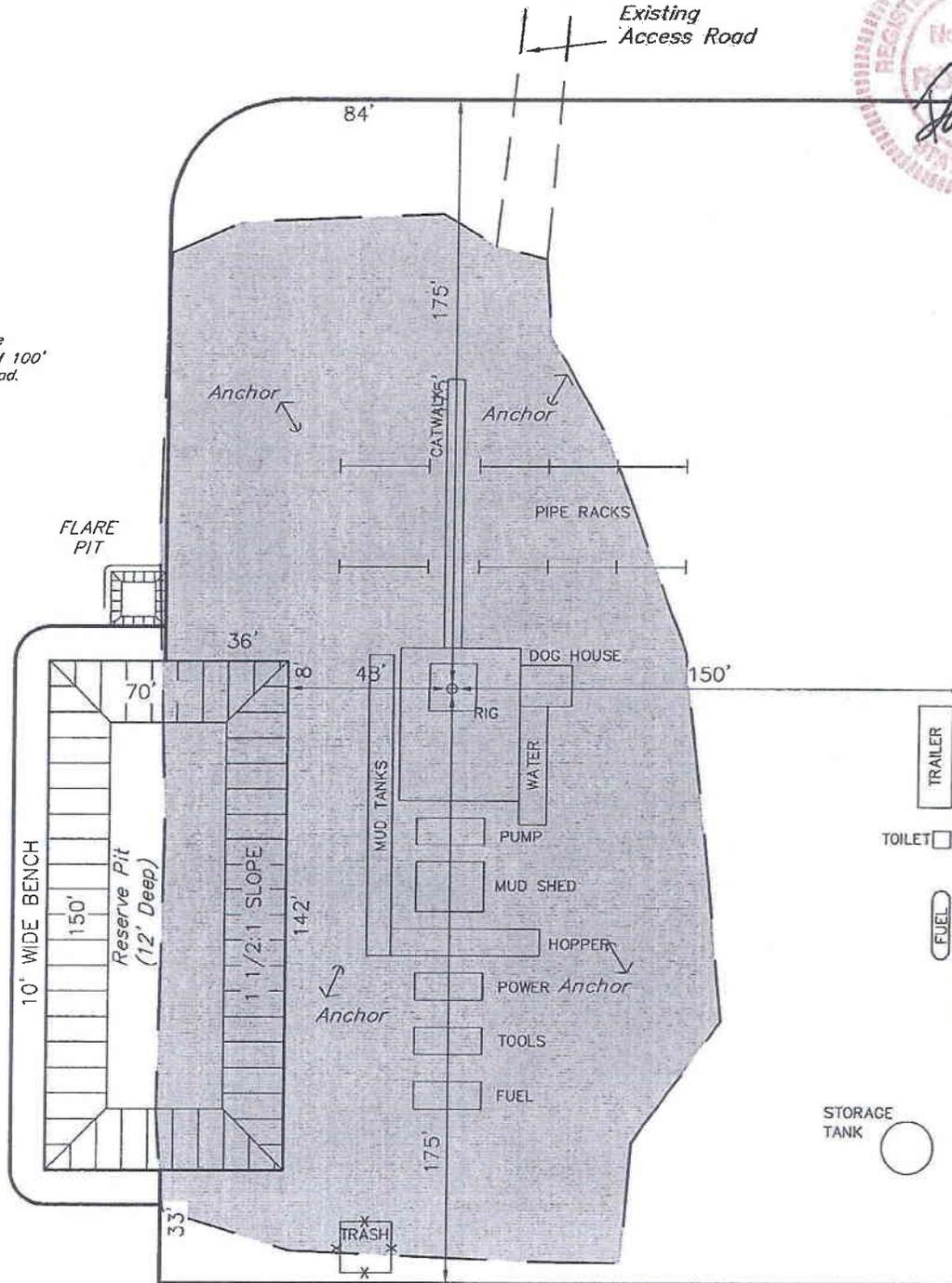
TYPICAL RIG LAYOUT FOR  
 RW #24-26B (RE-ENTRY)  
 SECTION 26, T7S, R23E, S.L.B.&M.  
 591' FSL 2008' FWL

**FIGURE #3**

SCALE: 1" = 50'  
 DATE: 11-01-10  
 DRAWN BY: C.H.



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



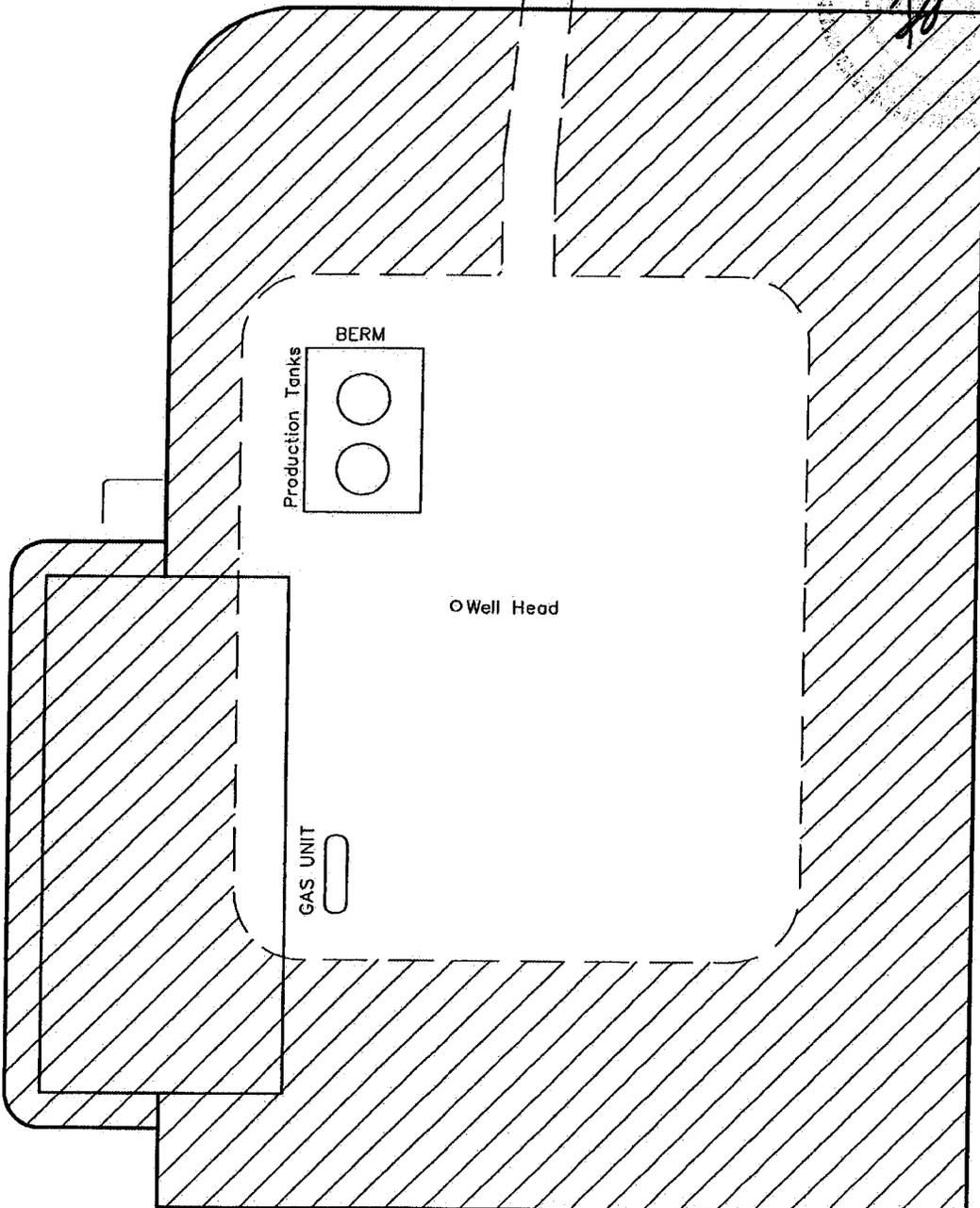
Total Pit Capacity  
 W/2' of Freeboard  
 = 11,390 Bbls.±  
 Total Pit Volume  
 = 3,100 Cu. Yds



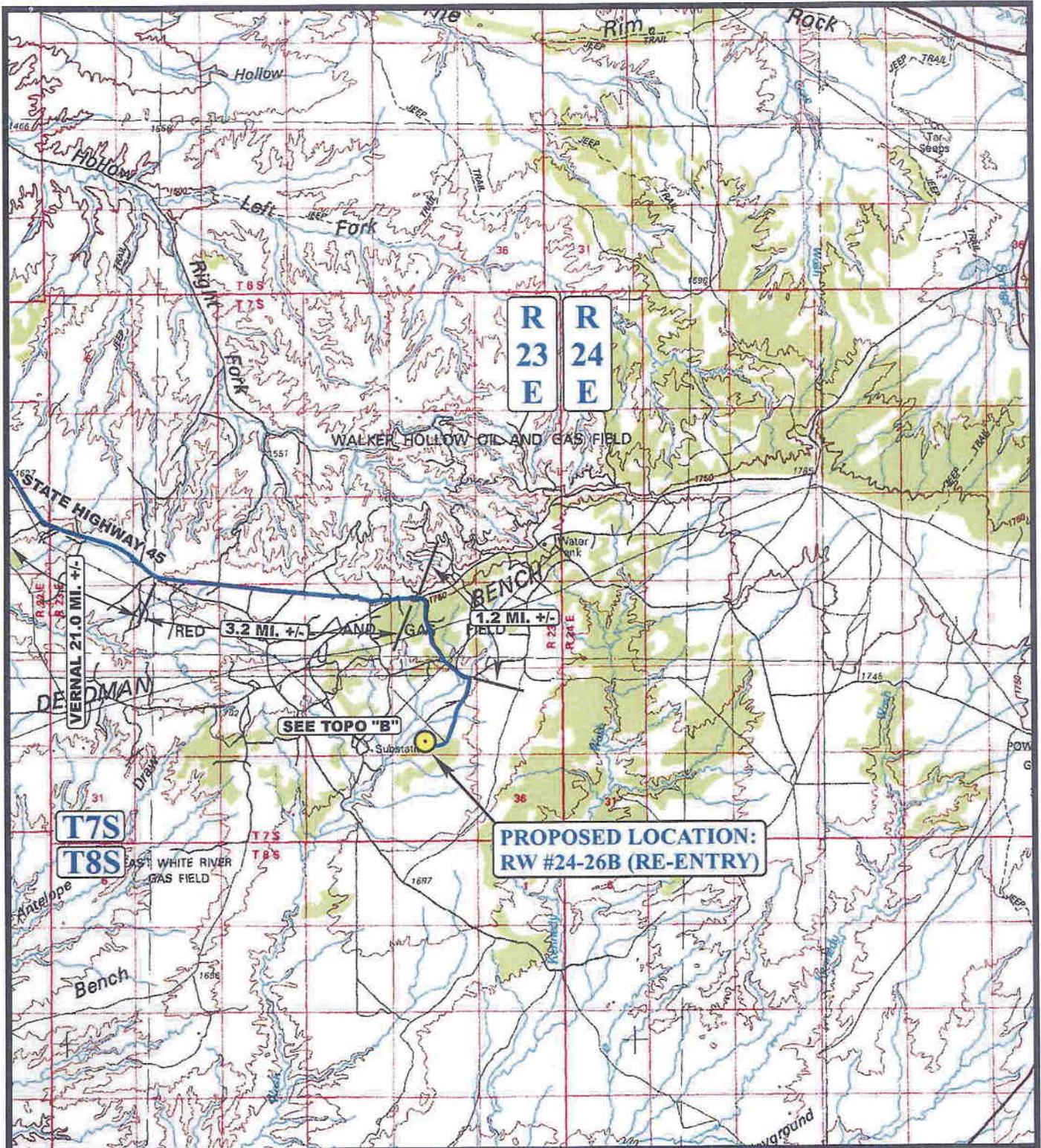
**QEP ENERGY COMPANY**  
**PRODUCTION FACILITY LAYOUT FOR**  
RW #24-26B (RE-ENTRY)  
SECTION 26, T7S, R23E, S.L.B.&M.  
591' FSL 2008' FWL

**FIGURE #4**

SCALE: 1" = 50'  
DATE: 11-01-10  
DRAWN BY: C.H.



 RE-HABBED AREA



**LEGEND:**

PROPOSED LOCATION



**QEP ENERGY COMPANY**

**RW #24-26B (RE-ENTRY)**  
**SECTION 26, T7S, R23E, S.L.B.&M.**  
**591' FSL 2008' FWL**



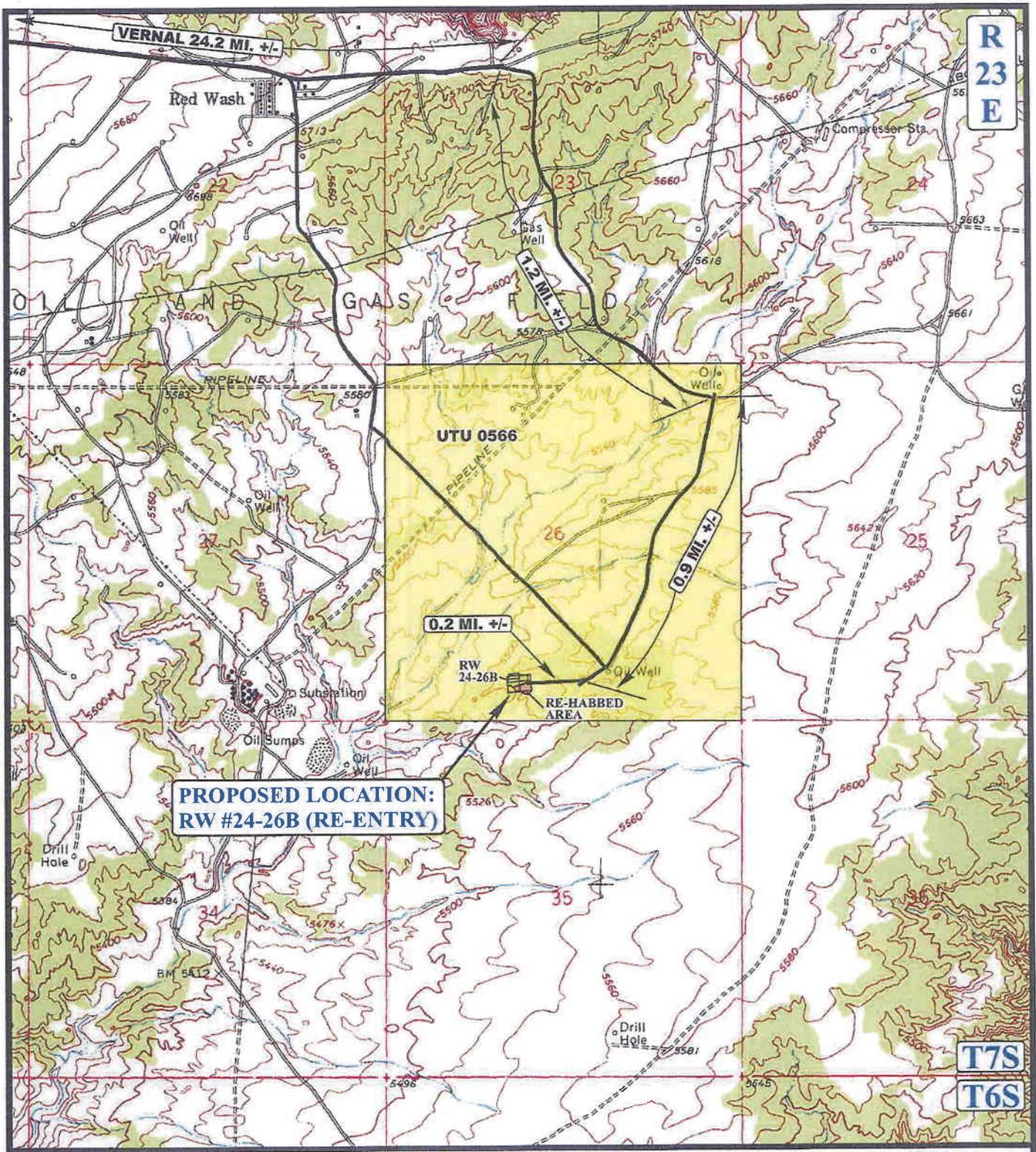
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP**

**10 26 10**  
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 00-00-00





R  
23  
E

T7S  
T6S

**PROPOSED LOCATION:  
RW #24-26B (RE-ENTRY)**

UTU 0566

0.2 MI. +/-

0.9 MI. +/-

VERNAL 24.2 MI. +/-



**LEGEND:**  
 ————— EXISTING ROAD  
 - - - - - PROPOSED ACCESS ROAD

**QEP ENERGY COMPANY**

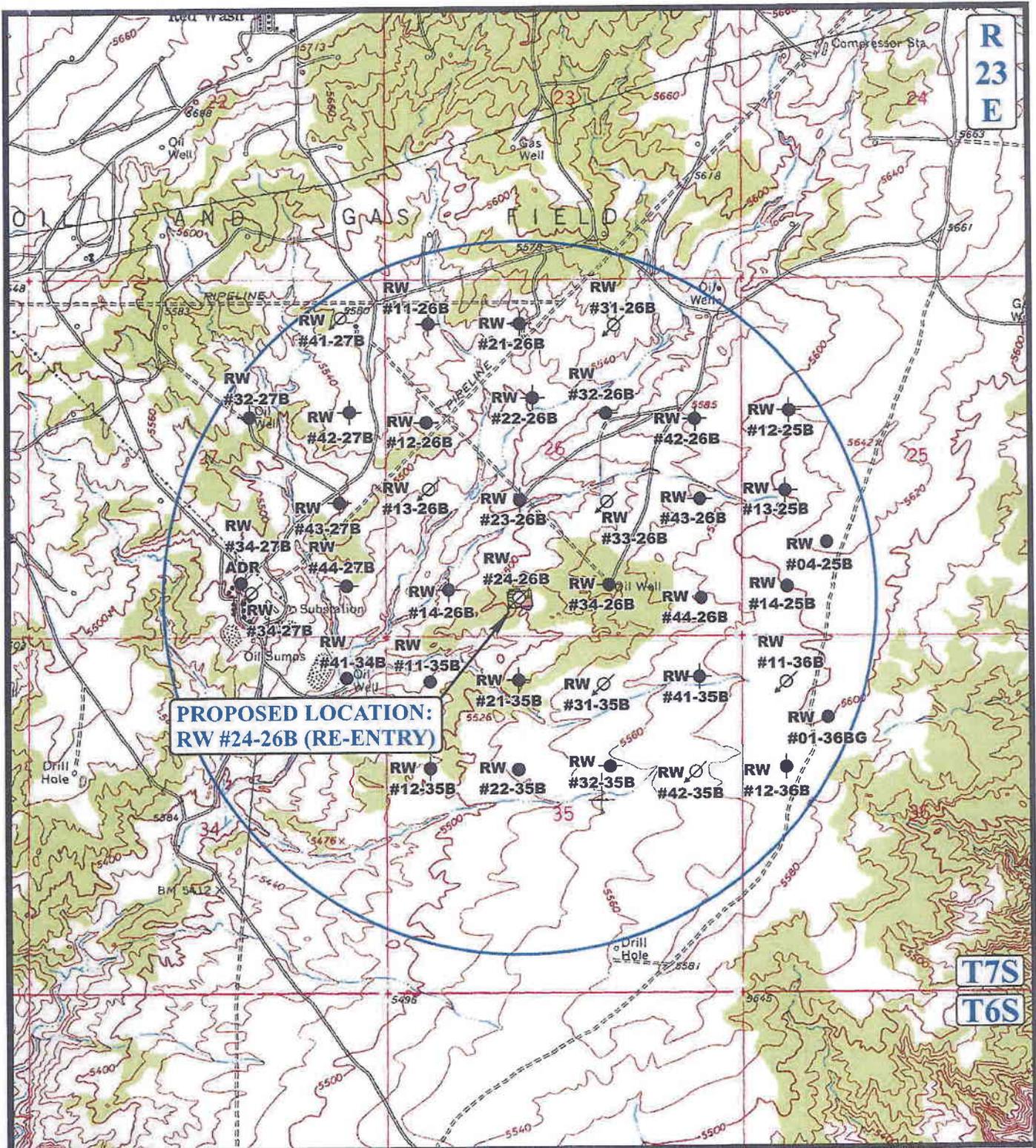
**RW #24-26B (RE-ENTRY)  
SECTION 26, T7S, R23E, S.L.B.&M.  
591' FSL 2008' FWL**



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

**TOPOGRAPHIC 10 26 10**  
**MAP**  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00





**PROPOSED LOCATION:  
RW #24-26B (RE-ENTRY)**

**R  
23  
E**

**T7S  
T6S**

**LEGEND:**

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



**QEP ENERGY COMPANY**

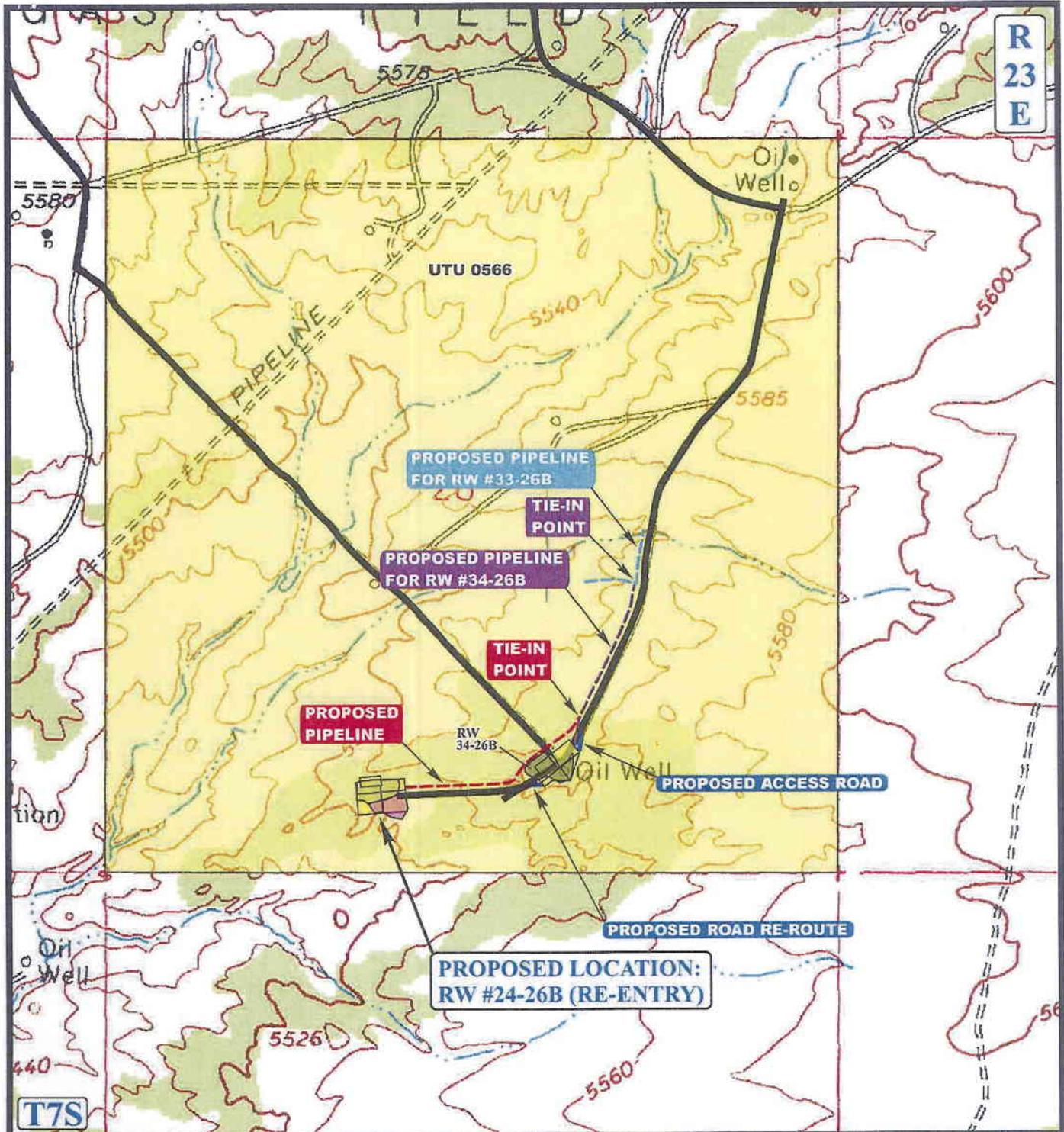
**RW #24-26B (RE-ENTRY)  
SECTION 26, T7S, R23E, S.L.B.&M.  
591' FSL 2008' FWL**



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

**TOPOGRAPHIC MAP** 10 26 10  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00





**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,456' +/-**

**LEGEND:**

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)
- PROPOSED ACCESS



**QEP ENERGY COMPANY**

**RW #24-26B (RE-ENTRY)  
SECTION 26, T7S, R23E, S.L.B.&M.  
591' FSL 2008' FWL**



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

**TOPOGRAPHIC MAP** 10 26 10  
MONTH DAY YEAR

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



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/21/2011

API NO. ASSIGNED: 43-047-30518

WELL NAME: RW 24-26B Reopening  
 OPERATOR: QEP ENERGY COMPANY ( N3700 )  
 CONTACT: VALYN DAVIS

PHONE NUMBER: 435-781-4369

PROPOSED LOCATION:

SESW 26 070S 230E  
 SURFACE: 0591 FSL 2008 FWL  
 BOTTOM: 0591 FSL 2008 FWL  
 COUNTY: Uintah  
 LATITUDE: 40.17497 LONGITUDE: -109.29589  
 UTM SURF EASTINGS: 645098 NORTHINGS: 4448360  
 FIELD NAME: RED WASH ( 665 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: U-0566  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. ESB000024 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 49-2153 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- \_\_\_\_\_ R649-2-3.
- Unit: RED WASH *sk*
- \_\_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_\_\_ R649-3-3. Exception
- Drilling Unit  
Board Cause No: 187-02  
Eff Date: 9-18-2001  
Siting: Suspends General Siting
- \_\_\_\_\_ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

*1- Federal Approval*





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 21, 2011

QEP Energy Company  
11002 East 17500 South  
Vernal, UT 84078

Subject: RW 24-26B Well, 591' FSL, 2008' FWL, SE SW, Sec. 26, T. 7 South, R. 23 East,  
Uintah County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause: 187-07. The expected producing formation or pool is the MESAVERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

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 43-047-30518.

Sincerely,

John Rogers  
Associate Director

JR/js  
Enclosures

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



**Operator:** QEP Energy Company  
**Well Name & Number** RW 24-26B  
**API Number:** 43-047-30518  
**Lease:** UTU-0566

**Location:** SE SW    **Sec.** 26    **T.** 7 South    **R.** 23 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

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please let a voicemail message if not available)

OR

Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

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

- Contact Dustin Doucet at (801) 538-5281 office  
(801) 733-0983 after office hours

#### 3. Reporting Requirements

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5<sup>th</sup> day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-0566	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>7. UNIT or CA AGREEMENT NAME:</b> RED WASH	<b>8. WELL NAME and NUMBER:</b> RW 24-26B
<b>1. TYPE OF WELL</b> Water Injection Well	<b>9. API NUMBER:</b> 43047305180000
<b>2. NAME OF OPERATOR:</b> QEP ENERGY COMPANY	<b>9. FIELD and POOL or WILDCAT:</b> RED WASH
<b>3. ADDRESS OF OPERATOR:</b> 11002 East 17500 South , Vernal, Ut, 84078	<b>PHONE NUMBER:</b> 303 308-3068 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0591 FSL 2008 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 26 Township: 07.0S Range: 23.0E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 2/15/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="CONFIDENTIAL"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY REQUESTS THIS WELL BE FILED AS "CONFIDENTIAL".

**Accepted by the Utah Division of Oil, Gas and Mining**  
**Date:** February 16, 2012  
**By:**

<b>NAME (PLEASE PRINT)</b> Valyn Davis	<b>PHONE NUMBER</b> 435 781-4369	<b>TITLE</b> Regulatory Affairs Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/15/2012	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-0566	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>7. UNIT or CA AGREEMENT NAME:</b> RED WASH	<b>8. WELL NAME and NUMBER:</b> RW 24-26B
<b>1. TYPE OF WELL</b> Water Injection Well	<b>9. API NUMBER:</b> 43047305180000
<b>2. NAME OF OPERATOR:</b> QEP ENERGY COMPANY	<b>9. FIELD and POOL or WILDCAT:</b> RED WASH
<b>3. ADDRESS OF OPERATOR:</b> 11002 East 17500 South , Vernal, Ut, 84078	<b>PHONE NUMBER:</b> 303 308-3068 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0591 FSL 2008 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 26 Township: 07.0S Range: 23.0E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 4/21/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

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

**Date:** May 07, 2012

**By:**

<b>NAME (PLEASE PRINT)</b> Valyn Davis	<b>PHONE NUMBER</b> 435 781-4369	<b>TITLE</b> Regulatory Affairs Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/19/2012	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047305180000**

API: 43047305180000

Well Name: RW 24-26B

Location: 0591 FSL 2008 FWL QTR SESW SEC 26 TWNP 070S RNG 230E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 4/21/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
  
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
  
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes  No
  
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
  
- Has the approved source of water for drilling changed?  Yes  No
  
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes  No
  
- Is bonding still in place, which covers this proposed well?  Yes  No

Signature: Valyn Davis

Date: 4/19/2012

Title: Regulatory Affairs Analyst Representing: QEP ENERGY COMPANY

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: U-0566
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: RED WASH
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: RW 24-26B
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047305180000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0591 FSL 2008 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 26 Township: 07.0S Range: 23.0E Meridian: S	9. FIELD and POOL or WILDCAT: RED WASH  COUNTY: UINTAH  STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/6/2012  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY WOULD LIKE TO OPTIMIZE THE BOTTOM HOLE SPACING OF THE MESA VERDE DEVELOPMENT, THEREFORE, QEP ENERGY COMPANY WOULD LIKE TO DRILL THIS WELL **DIRECTIONALLY.**

**Approved by the Utah Division of Oil, Gas and Mining**  
**Date:** August 28, 2012  
**By:**

NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A	DATE 8/6/2012	





**QEP Energy Company**

11002 East 17500 South  
Vernal, UT 84078  
Telephone 435-781-4369  
Fax 435-781-4395

August 6, 2012

Ms. Diana Mason  
Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, UT 84114-6100

RE: Directional Drilling R649-3-11  
Red Wash Unit

**RW 24-26B**

591' FSL 2008' FWL, SESW, Section 26, T7S, R23E (Surface)  
446' FSL 1699' FWL, SESW, Section 26, T7S, R23E (Bottom Hole)  
Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing of QEP Energy Company Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649 -3-11 pertaining to the location and drilling of a **directional** well.

QEP Energy Company would like to optimize the bottom hole spacing of the Mesa Verde development; therefore, QEP Energy Company would like to drill this well directionally.

Furthermore, QEP Energy Company certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Therefore, based on the above stated information QEP Energy Company requests the permit be granted pursuant to Rule R649-3-11.

Sincerely,

QEP Energy Company

A handwritten signature in blue ink that reads 'Valyn Davis'.

Valyn Davis  
Regulatory Affairs Analyst

# T7S, R23E, S.L.B.&M.

## QEP ENERGY COMPANY

Well location, RW #24-26B (RE-ENTRY), located as shown in the SE 1/4 SW 1/4 of Section 26, T7S, R23E, S.L.B.&M., Uintah County, Utah.

### BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S64°39'26"W	341.12'



### CERTIFICATE

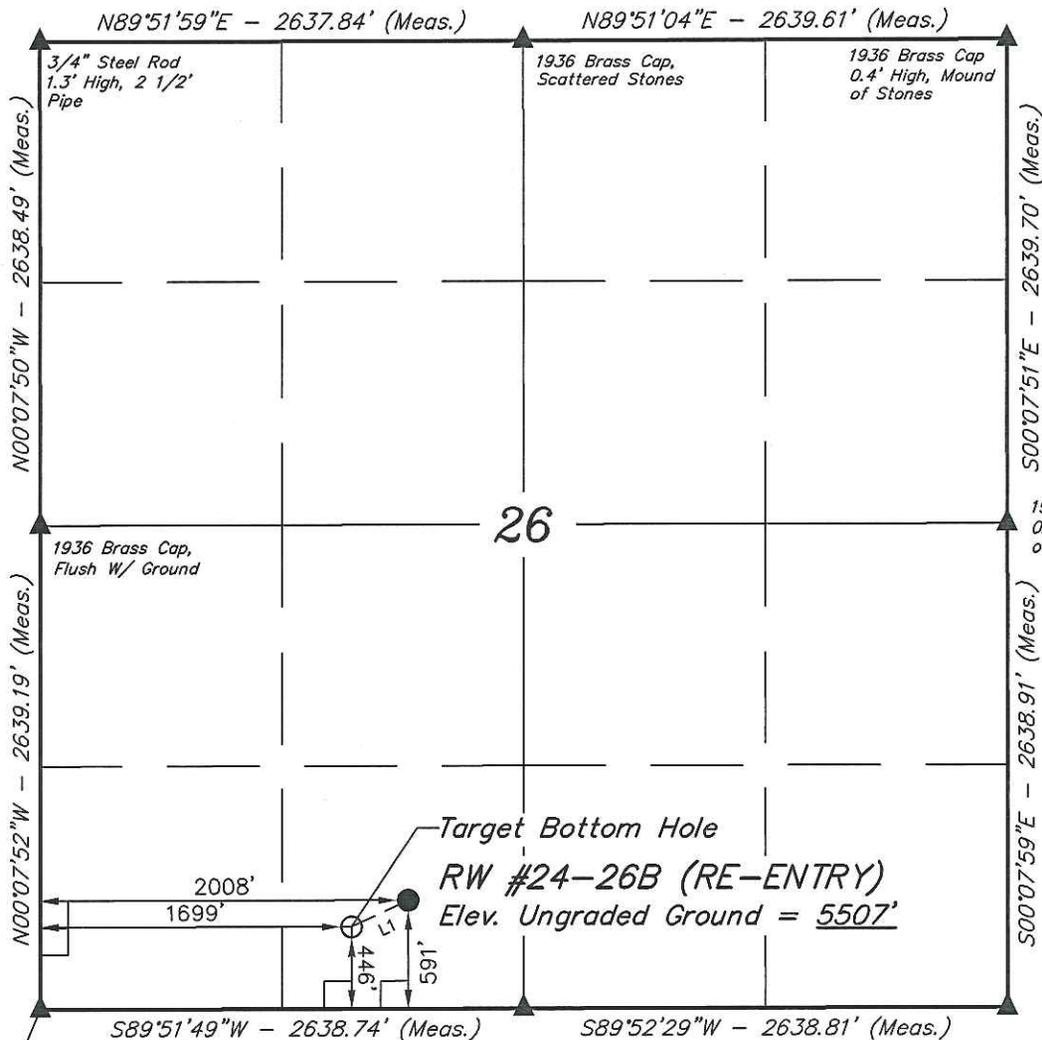
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

**ROBERT L. KAY**  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

REVISED: 07-09-12 R.L.L.

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

SCALE 1" = 1000'	DATE SURVEYED: 10-15-10	DATE DRAWN: 11-01-10
PARTY A.F. J.C. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE QEP ENERGY COMPANY	



1936 Brass Cap, 0.3' High, Mound of Stones

1936 Brass Cap, Bent Over, Set Alum. Cap #138394 on 3/4" Rebar, Set Steel Post

1936 Brass Cap 0.2' High, Mound of Stones

### LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°10'28.31" (40.174531)	LATITUDE = 40°10'29.74" (40.174928)
LONGITUDE = 109°17'51.66" (109.297683)	LONGITUDE = 109°17'47.68" (109.296578)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°10'28.44" (40.174567)	LATITUDE = 40°10'29.87" (40.174964)
LONGITUDE = 109°17'49.21" (109.297003)	LONGITUDE = 109°17'45.23" (109.295897)

Sundry Number: 28669 API Well Number: 43047305180000



QEP Energy Company

## **QEP ENERGY (UT)**

Red Wash

RW 24-26B

RW 24-26B

Re-Entry

Plan: Plan ver.1

## **Standard Planning Report**

12 June, 2012



QEP Energy Company



QEP Resources, Inc.  
Planning Report



Database:	EDMDB_QEP	Local Co-ordinate Reference:	Well RW 24-26B
Company:	QEP ENERGY (UT)	TVD Reference:	RKB @ 5520.30usft (AZTEC 781)
Project:	Red Wash	MD Reference:	RKB @ 5520.30usft (AZTEC 781)
Site:	RW 24-26B	North Reference:	True
Well:	RW 24-26B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Re-Entry		
Design:	Plan ver.1		

Project	Red Wash		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

Site	RW 24-26B				
Site Position:		Northing:	7,240,025.848 usft	Latitude:	40.174928
From:	Lat/Long	Easting:	2,256,042.197 usft	Longitude:	-109.296578
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.41 °

Well	RW 24-26B					
Well Position	+N-S	0.00 usft	Northing:	7,240,025.843 usft	Latitude:	40.174928
	+E-W	0.00 usft	Easting:	2,256,042.197 usft	Longitude:	-109.296578
Position Uncertainty		0.00 usft	Wellhead Elevation:	5,506.30 usft	Ground Level:	5,506.30 usft

Wellbore	Re-Entry				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/29/2012	10.89	66.03	52,352

Design	Plan ver.1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)	Direction (°)
	0.00	0.00	0.00	244.65

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,750.00	0.00	0.00	5,750.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,490.01	14.80	262.50	6,481.81	-12.40	-94.23	2.00	2.00	0.00	262.50	
6,959.53	14.80	262.50	6,935.75	-28.04	-213.15	0.00	0.00	0.00	0.00	
7,939.55	5.00	262.50	7,900.00	-50.00	-380.00	1.00	-1.00	0.00	-180.00	
8,716.88	3.50	131.00	8,676.32	-70.02	-395.70	1.00	-0.19	-16.92	-160.24	
10,614.10	3.50	131.00	10,570.00	-146.01	-308.29	0.00	0.00	0.00	0.00	



QEP Resources, Inc.  
Planning Report



Database:	EDMDB_QEP	Local Co-ordinate Reference:	Well RW 24-26B
Company:	QEP ENERGY (UT)	TVD Reference:	RKB @ 5520.30usft (AZTEC 781)
Project:	Red Wash	MD Reference:	RKB @ 5520.30usft (AZTEC 781)
Site:	RW 24-26B	North Reference:	True
Well:	RW 24-26B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Re-Entry		
Design:	Plan ver.1		

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,750.00	0.00	0.00	5,750.00	0.00	0.00	0.00	0.00	0.00	0.00
6,490.01	14.80	262.50	6,481.81	-12.40	-94.23	90.47	2.00	2.00	0.00
6,959.53	14.80	262.50	6,935.75	-28.04	-213.15	204.63	0.00	0.00	0.00
7,939.55	5.00	262.50	7,900.00	-50.00	-380.00	364.82	1.00	-1.00	0.00
8,716.88	3.50	131.00	8,676.32	-70.02	-395.70	387.58	1.00	-0.19	-16.92
10,614.10	3.50	131.00	10,570.00	-146.01	-308.29	341.12	0.00	0.00	0.00

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
RW 24-26B (RW 14C1-2	0.00	0.00	8,195.00	-112.43	-352.15	7,239,904.780	2,255,692.950	40.174619	-109.297838
- hit/miss target									
- Shape									
- plan misses target center by 73.57usft at 8235.66usft MD (8195.48 TVD, -54.99 N, -398.13 E)									
- Circle (radius 100.00)									

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
5,700.00	5,700.00	7"	7	9

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,679.00	2,679.00	Green River		0.00	
3,466.00	3,466.00	Mahog. Bench		0.00	
5,980.25	5,980.00	Wasatch		0.00	
8,235.18	8,195.00	Mesaverde		0.00	
10,513.91	10,470.00	Sego		0.00	



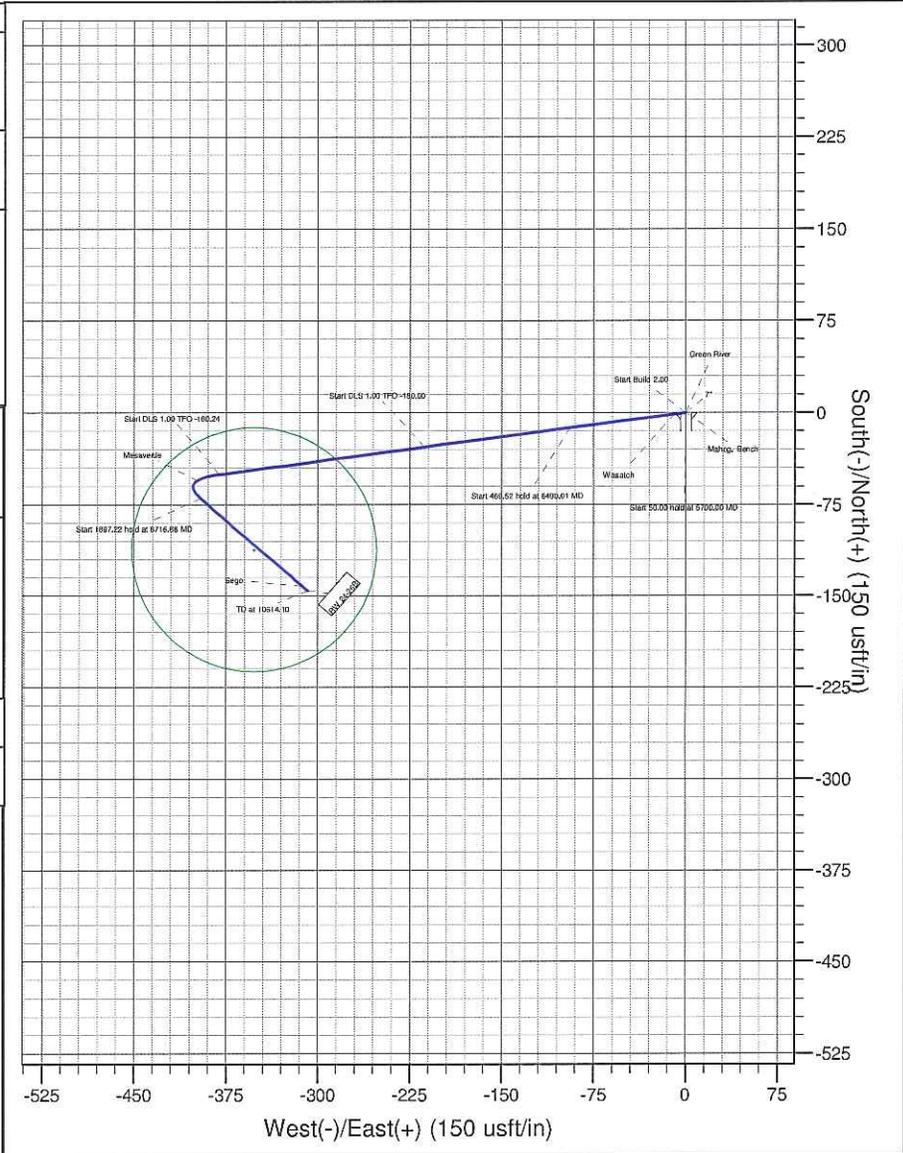
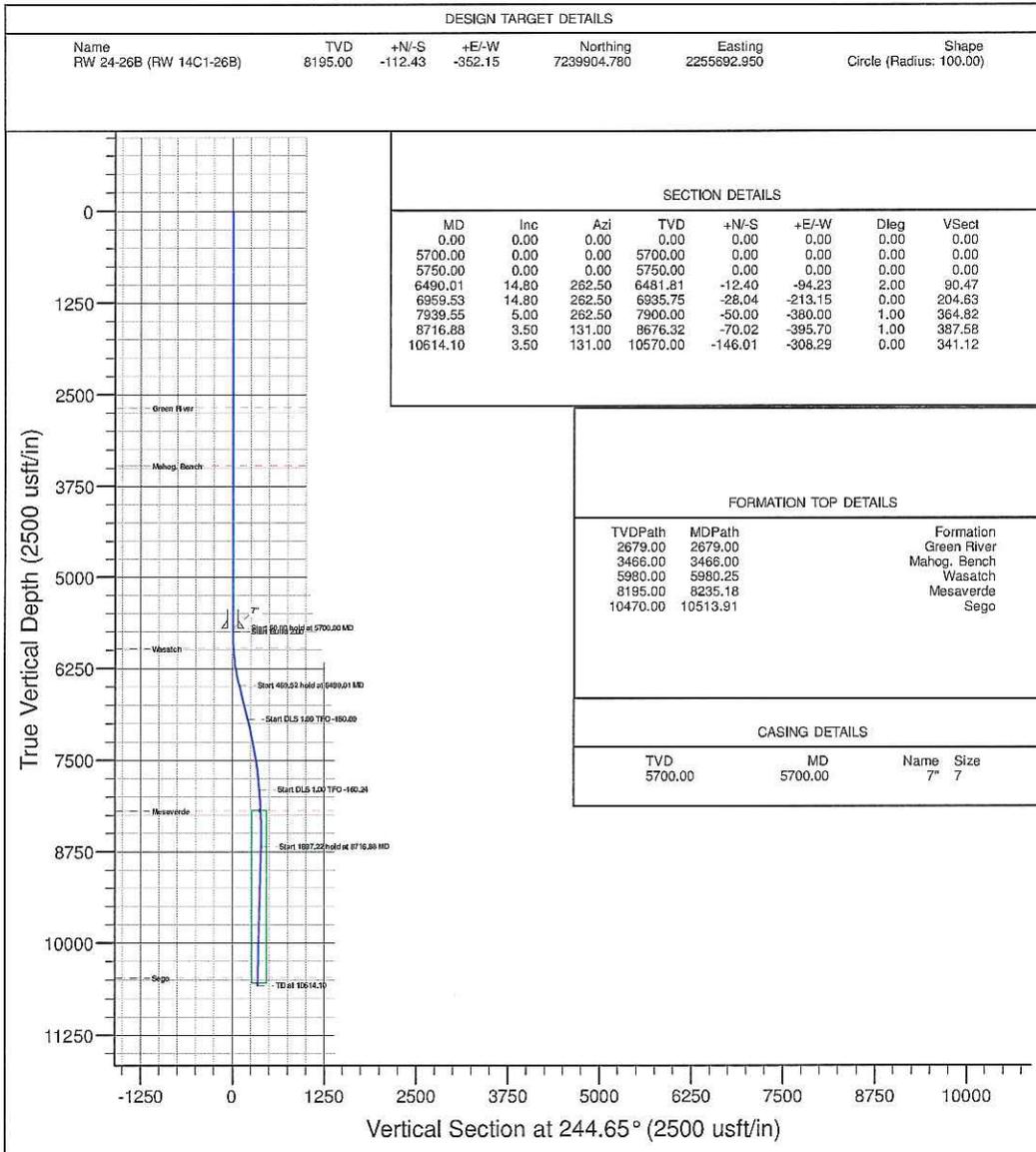
Company Name: QEP ENERGY (UT)



Azimuths to True North  
Magnetic North: 10.89°  
Magnetic Field  
Strength: 52552.3enT  
Dip Angle: 66.03°  
Date: 5/29/2012  
Model: IGRF2010

Project: Red Wash  
Site: RW 24-26B  
Well: RW 24-26B  
Wellbore: Re-Entry  
Design: Plan ver.1

WELL DETAILS: RW 24-26B								REFERENCE INFORMATION		PROJECT DETAILS: Red Wash	
Ground Level: 5506.30								Co-ordinate (N/E) Reference: Well RW 24-26B, True North Vertical (TVD) Reference: RKB @ 5520.30usft (AZTEC 781) Section (VS) Reference: Slot - (0.00N, 0.00E) Measured Depth Reference: RKB @ 5520.30usft (AZTEC 781) Calculation Method: Minimum Curvature		Geodetic System: US State Plane 1983 Datum: North American Datum 1983 Ellipsoid: GRS 1980 Zone: Utah Central Zone System Datum: Mean Sea Level	
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot					
0.00	0.00	7240025.843	2256042.197	40.174928	-109.296578						



Sundry Number: 28669 API Well Number: 43047305180000

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-0566	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b> RED WASH	
<b>1. TYPE OF WELL</b> Water Injection Well	
<b>8. WELL NAME and NUMBER:</b> RW 24-26B	
<b>2. NAME OF OPERATOR:</b> QEP ENERGY COMPANY	
<b>9. API NUMBER:</b> 43047305180000	
<b>3. ADDRESS OF OPERATOR:</b> 11002 East 17500 South , Vernal, Ut, 84078	
<b>PHONE NUMBER:</b> 303 308-3068 Ext	
<b>9. FIELD and POOL or WILDCAT:</b> RED WASH	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0591 FSL 2008 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 26 Township: 07.0S Range: 23.0E Meridian: S	
<b>COUNTY:</b> UINTAH	
<b>STATE:</b> UTAH	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 9/24/2012	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

DRILLING OF THIS WELL COMMENCED ON SEPTEMBER 24, 2012.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 September 25, 2012

<b>NAME (PLEASE PRINT)</b> Valyn Davis	<b>PHONE NUMBER</b> 435 781-4369	<b>TITLE</b> Regulatory Affairs Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/24/2012	

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: QEP ENERGY COMPANY Operator Account Number: N 3700  
 Address: 11002 EAST 17500 SOUTH  
city VERNAL  
state UT zip 84078 Phone Number: (435) 781-4369

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304730518	RW 24-26B		SESW	26	7S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
D	99999	18478	9/9/2012		9/24/2012		
Comments: <u>WMMFD</u> <span style="float: right; font-size: 2em; font-weight: bold;">CONFIDENTIAL</span> <span style="float: right; font-size: 1.5em;">9/27/2012</span>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**ACTION CODES:**

- 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)

Valyn Davis

Name (Please Print)

*Valyn Davis*

Signature

Regulatory Affairs Analyst

Title

9/24/2012

Date

RECEIVED

SEP 28 2012

(5/2000)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-0566
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> RED WASH
<b>2. NAME OF OPERATOR:</b> QEP ENERGY COMPANY		<b>8. WELL NAME and NUMBER:</b> RW 24-26B
<b>3. ADDRESS OF OPERATOR:</b> 11002 East 17500 South , Vernal, Ut, 84078		<b>9. API NUMBER:</b> 43047305180000
<b>PHONE NUMBER:</b> 303 308-3068 Ext		<b>9. FIELD and POOL or WILDCAT:</b> RED WASH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0591 FSL 2008 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 26 Township: 07.0S Range: 23.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/31/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THIS WELL COMMENCED PRODUCTION ON OCTOBER 31, 2012 @ 9:30 P.M.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
November 07, 2012**

<b>NAME (PLEASE PRINT)</b> Valyn Davis	<b>PHONE NUMBER</b> 435 781-4369	<b>TITLE</b> Regulatory Affairs Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/5/2012	

# CONFIDENTIAL

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT  FORM 8  
(highlight changes)

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER \_\_\_\_\_

2. NAME OF OPERATOR: QEP ENERGY COMPANY

3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078 PHONE NUMBER: (435) 781-4320

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: SESW, 591' FSL, 2008' FWL  
AT TOP PRODUCING INTERVAL REPORTED BELOW: SESW, 494' FSL, 1664' FWL  
AT TOTAL DEPTH: SESW, 477' FSL, <sup>1697</sup>1695' FWL BHL by HSM

14. DATE SPUDED: 15. DATE T.D. REACHED: 16. DATE COMPLETED: 10/30/2012 ABANDONED  READY TO PRODUCE  17. ELEVATIONS (DF, RKB, RT, GL): 5506 GL

18. TOTAL DEPTH: MD 10,638 TVD 10,589 19. PLUG BACK T.D.: MD TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) CBL  
23. WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

### 24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
6.125	4.5 HCB	11.6	0	10,638		545		0	

### 25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.375	10,427							

### 26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) MESA VERDE	9,727	10,531			9,727 10,531	2.752	86	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

### 27. PERFORATION RECORD

### 28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
9,727 - 10,531	7050 BBLS FRESH AND SLICKWATER, 902 SXS 30/50 SAND

### 29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT  DIRECTIONAL SURVEY  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS  OTHER: OPS SUMMARY

30. WELL STATUS: PGW

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 10/31/2012		TEST DATE: 11/3/2012		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 23	GAS – MCF: 1,546	WATER – BBL: 307	PROD. METHOD: FLOWS
CHOKE SIZE: 20/64	TBG. PRESS. 1,028	CSG. PRESS. 1,606	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 23	GAS – MCF: 1,546	WATER – BBL: 307	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. 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.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				GREEN RIVER	2,680
				MAHOGAN Y	3,466
				WASATCH	6,146
				MESA VERDE	8,196
				SEGO	10,552

35. ADDITIONAL REMARKS (Include plugging procedure)

DEEPENING SPUD DATE 9/24/2012

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) BENNA MUTH

TITLE REGULATORY ASSISTANT - CONTRACT

SIGNATURE *Benna Muth*

DATE 12/17/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
Fax: 801-359-3940



QEP Energy Company

## Daily Activity and Cost Summary

**Well Name: RW 24-26B**

API 43-047-30518		Surface Legal Location 026007S023E27		Field Name RED WASH		State UTAH		Well Configuration Type	
Ground Elevation (ft) 5,506.3		Casing Flange Elevation (ft) 5,506.30		Current KB to GL (ft) 14.00		Current KB to CF (ft) 14.00		Spud Date 12/30/1978 00:00	
Job Category Drilling		Primary Job Type RE-ENTER			Secondary Job Type DEEPENING			Objective	
Start Date 9/22/2012					Job End Date 10/1/2012				

Purpose

Summary

Contractor Aztec Drilling		Rig Number AZTEC 781		Rig Type TOP DRIVE	
------------------------------	--	-------------------------	--	-----------------------	--

DOL	Start Date	Summary
1.0	9/22/2012	MOVE IN RIG AND RIG UP
2.0	9/23/2012	RIG REPAIRS, NIPPLE UP, TEST BOPE
3.0	9/24/2012	FINISH TESTING BOPE, PICKED UP DRILL PIPE, CUT AND SLIP DRILLING LINE, GYRO WELL, TROUBLESHOOT MWD, TRIP FOR MWD, DRILL AHEAD
4.0	9/25/2012	DIRECTIONAL DRILL, RIG SERVICE, WORK ON PUMPS, SURVEYS AND CONNECTIONS
5.0	9/26/2012	DRILL AHEAD, CONNECTIONS, SURVEYS, RIG SERVICE
6.0	9/27/2012	DRILLING, SURVEYS AND CONNECTIONS
7.0	9/28/2012	TRIP FOR PRESSURE LOSS, SAFETY WASH AND REAM, DRILLING AHEAD
8.0	9/29/2012	DRILLED TO TD, CIRCULATE HOLE CLEAN, SHORT TRIP, RIG SERVICE, TRIP OUT FOR LOGS, LOG WELL,
9.0	9/30/2012	FINISHED LOGGING, TRIP IN HOLE, CIRCULATED, LAY DOWN DRILL PIPE AND BHA, RIG UP AND RUN PRODUCTION CASING
10.0	10/1/2012	FINISHED RUNNING 10,624' OF 4 1/2", 11.6#, HCP-110, LT&C CASING, CEMENT WITH 100% RETURNS, NIPPLE DOWN, SET SLIPS, RIG DOWN
11.0	11/5/2012	
12.0	11/6/2012	
13.0	11/14/2012	
14.0	11/20/2012	

Definitive Survey

<b>Co:</b> Native Navigation	<b>Units:</b> Feet, °, ″/100ft	<b>VS Az:</b> 244.65	<b>Method:</b> Minimum Curvature
<b>Drillers:</b> Scriber / Seacat	<b>Elevation:</b> 5520.30	<b>Map System:</b> St Plane, NAD83	
<b>Well Name:</b> RW 24-26B	<b>Northing:</b> 7240025.84	<b>Latitude:</b> 40.174928	
<b>Location:</b> Uintah County, Vernal UT	<b>Easting:</b> 2256042.20	<b>Longitude:</b> -109.296578	

**QEP Energy: RW 24-26B Gyro Svys**

No.	MD	CL	Inc.	Azi.	TVD	VS	+N/S-	+E/W-	BR	WR	DLS	Comments
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				RW 24-26B Surface
2	25.00	25.00	0.37	93.30	25.00	-0.07	0.00	0.08	1.48	373.20	1.48	Native Navigation
3	100.00	75.00	0.32	105.65	100.00	-0.44	-0.08	0.52	-0.07	16.47	0.12	Native Navigation
4	200.00	100.00	0.34	350.02	200.00	-0.73	0.14	0.74	0.02	244.37	0.56	Native Navigation
5	300.00	100.00	0.40	337.80	300.00	-0.83	0.76	0.56	0.06	-12.22	0.10	Native Navigation
6	400.00	100.00	0.34	6.53	399.99	-1.00	1.38	0.46	-0.06	28.73	0.19	Native Navigation
7	500.00	100.00	0.40	0.57	499.99	-1.31	2.02	0.50	0.06	-5.96	0.07	Native Navigation
8	600.00	100.00	0.63	307.18	599.99	-1.21	2.70	0.06	0.23	-53.39	0.51	Native Navigation
9	700.00	100.00	0.77	291.23	699.98	-0.50	3.28	-1.00	0.14	-15.95	0.24	Native Navigation
10	800.00	100.00	0.73	276.36	799.97	0.51	3.59	-2.26	-0.04	-14.87	0.20	Native Navigation
11	900.00	100.00	0.65	290.21	899.96	1.45	3.86	-3.43	-0.08	13.85	0.18	Native Navigation
12	1000.00	100.00	0.70	267.71	999.96	2.40	4.03	-4.57	0.05	-22.50	0.27	Native Navigation
13	1100.00	100.00	0.51	307.94	1099.95	3.17	4.28	-5.53	-0.19	40.23	0.45	Native Navigation
14	1200.00	100.00	0.57	296.07	1199.95	3.68	4.77	-6.33	0.06	-11.87	0.13	Native Navigation
15	1300.00	100.00	0.41	265.34	1299.94	4.32	4.96	-7.13	-0.16	-30.73	0.30	Native Navigation
16	1400.00	100.00	0.33	249.16	1399.94	4.94	4.83	-7.76	-0.08	-16.18	0.13	Native Navigation
17	1500.00	100.00	0.20	274.54	1499.94	5.38	4.74	-8.20	-0.13	25.38	0.17	Native Navigation
18	1600.00	100.00	0.30	251.50	1599.94	5.79	4.67	-8.62	0.10	-23.04	0.14	Native Navigation
19	1700.00	100.00	0.52	275.54	1699.94	6.44	4.63	-9.32	0.22	24.04	0.27	Native Navigation
20	1800.00	100.00	0.53	250.03	1799.93	7.29	4.52	-10.21	0.01	-25.51	0.23	Native Navigation
21	1900.00	100.00	0.30	259.43	1899.93	8.01	4.31	-10.90	-0.23	9.40	0.24	Native Navigation
22	2000.00	100.00	0.45	242.83	1999.93	8.65	4.08	-11.51	0.15	-16.60	0.18	Native Navigation
23	2100.00	100.00	0.24	170.14	2099.93	9.10	3.70	-11.82	-0.21	-72.69	0.44	Native Navigation
24	2200.00	100.00	0.32	212.56	2199.93	9.39	3.26	-11.94	0.08	42.42	0.22	Native Navigation
25	2300.00	100.00	0.33	149.98	2299.93	9.61	2.77	-11.94	0.01	-62.58	0.34	Native Navigation
26	2400.00	100.00	0.06	138.02	2399.92	9.57	2.48	-11.76	-0.27	-11.96	0.27	Native Navigation
27	2500.00	100.00	0.23	88.55	2499.92	9.37	2.45	-11.53	0.17	-49.47	0.20	Native Navigation
28	2600.00	100.00	0.24	102.44	2599.92	9.02	2.41	-11.12	0.01	13.89	0.06	Native Navigation
29	2700.00	100.00	0.63	74.65	2699.92	8.31	2.51	-10.39	0.39	-27.79	0.43	Native Navigation
30	2800.00	100.00	0.41	92.57	2799.92	7.46	2.64	-9.50	-0.22	17.92	0.27	Native Navigation
31	2900.00	100.00	0.59	52.62	2899.91	6.64	2.94	-8.73	0.18	-39.95	0.38	Native Navigation
32	3000.00	100.00	0.57	73.87	2999.91	5.64	3.39	-7.85	-0.02	21.25	0.21	Native Navigation
33	3100.00	100.00	0.77	61.60	3099.90	4.48	3.84	-6.78	0.20	-12.27	0.24	Native Navigation
34	3200.00	100.00	0.45	83.79	3199.90	3.44	4.21	-5.80	-0.32	22.19	0.39	Native Navigation
35	3300.00	100.00	0.91	129.63	3299.89	2.73	3.74	-4.79	0.46	45.84	0.68	Native Navigation
36	3400.00	100.00	1.22	86.43	3399.87	1.41	3.30	-3.12	0.31	-43.20	0.84	Native Navigation
37	3500.00	100.00	1.18	98.57	3499.85	-0.44	3.21	-1.04	-0.04	12.14	0.26	Native Navigation
38	3600.00	100.00	1.20	87.12	3599.83	-2.26	3.11	1.03	0.02	-11.45	0.24	Native Navigation

Definitive Survey

39	3700.00	100.00	1.24	97.36	3699.81	-4.14	3.03	3.14	0.04	10.24	0.22	Native Navigation
40	3800.00	100.00	1.34	85.16	3799.78	-6.14	2.99	5.38	0.10	-12.20	0.29	Native Navigation
41	3900.00	100.00	1.15	97.89	3899.76	-8.08	2.95	7.54	-0.19	12.73	0.33	Native Navigation
42	4000.00	100.00	1.33	109.91	3999.74	-9.73	2.42	9.63	0.18	12.02	0.32	Native Navigation
43	4100.00	100.00	1.34	95.90	4099.71	-11.55	1.90	11.88	0.01	-14.01	0.33	Native Navigation
44	4200.00	100.00	1.24	86.17	4199.68	-13.56	1.85	14.12	-0.10	-9.73	0.24	Native Navigation
45	4300.00	100.00	1.20	98.02	4299.66	-15.44	1.78	16.24	-0.04	11.85	0.26	Native Navigation
46	4400.00	100.00	0.99	84.49	4399.64	-17.13	1.72	18.14	-0.21	-13.53	0.33	Native Navigation
47	4500.00	100.00	0.90	82.26	4499.63	-18.69	1.90	19.78	-0.09	-2.23	0.10	Native Navigation
48	4600.00	100.00	0.87	89.89	4599.62	-20.12	2.01	21.31	-0.03	7.63	0.12	Native Navigation
49	4700.00	100.00	1.17	67.97	4699.60	-21.83	2.40	23.02	0.30	-21.92	0.49	Native Navigation
50	4800.00	100.00	1.09	65.71	4799.58	-23.80	3.17	24.83	-0.08	-2.26	0.09	Native Navigation
51	4900.00	100.00	0.79	72.92	4899.57	-25.43	3.76	26.36	-0.30	7.21	0.32	Native Navigation
52	5000.00	100.00	0.99	85.63	4999.56	-26.92	4.03	27.88	0.20	12.71	0.28	Native Navigation
53	5100.00	100.00	0.62	66.34	5099.55	-28.27	4.32	29.24	-0.37	-19.29	0.45	Native Navigation
54	5200.00	100.00	0.84	85.38	5199.54	-29.49	4.59	30.46	0.22	19.04	0.32	Native Navigation
55	5300.00	100.00	0.97	107.32	5299.53	-30.80	4.40	32.00	0.13	21.94	0.37	Native Navigation
56	5400.00	100.00	0.85	94.87	5399.51	-32.07	4.08	33.55	-0.12	-12.45	0.23	Native Navigation
57	5500.00	100.00	0.97	82.80	5499.50	-33.51	4.13	35.13	0.12	-12.07	0.23	Native Navigation
58	5600.00	100.00	0.80	96.89	5599.49	-34.91	4.15	36.66	-0.17	14.09	0.28	Native Navigation

Definitive Survey

<b>Co:</b> Native Navigation	<b>Units:</b> Feet, °, °/100ft	<b>VS Az:</b> 244.65	<b>Method:</b> Minimum Curvature
<b>Drillers:</b> Scraper / Seacat	<b>Elevation:</b> 5520.30	<b>Map System:</b> St Plane, NAD83	
<b>Well Name:</b> RW 24-26B	<b>Northing:</b> 7240025.84	<b>Latitude:</b> 40.174928	
<b>Location:</b> Uintah County, Vernal UT	<b>Easting:</b> 2256042.20	<b>Longitude:</b> -109.296578	

**QEP Energy: RW 24-26B Svys**

No.	MD	CL	Inc.	Azi	TVD	VS	+N/S-	+E/W-	BR	WR	DLs	Comments
1	5600.00	0.00	0.80	96.89	5599.49	-34.91	4.15	36.66				
2	5734.00	134.00	0.70	75.70	5733.48	-36.50	4.24	38.38	-0.07	-15.81	0.22	Native Navigation
3	5799.00	65.00	0.90	181.50	5798.48	-36.66	3.83	38.75	0.31	162.77	1.97	Native Navigation
4	5862.00	63.00	2.40	240.00	5861.45	-35.12	2.67	37.60	2.38	92.86	3.30	Native Navigation
5	5927.00	65.00	4.20	268.60	5926.34	-31.59	1.93	34.04	2.77	44.00	3.67	Native Navigation
6	5991.00	64.00	5.90	280.20	5990.09	-26.77	2.46	28.46	2.66	18.12	3.09	Native Navigation
7	6055.00	64.00	7.60	282.30	6053.65	-20.74	3.94	21.09	2.66	3.28	2.68	Native Navigation
8	6118.00	63.00	8.70	278.50	6116.01	-13.49	5.54	12.30	1.75	-6.03	1.94	Native Navigation
9	6181.00	63.00	9.60	269.80	6178.21	-4.77	6.22	2.34	1.43	-13.81	2.62	Native Navigation
10	6245.00	64.00	10.60	260.20	6241.22	5.73	5.20	-8.80	1.56	-15.00	3.05	Native Navigation
11	6310.00	65.00	11.30	260.60	6305.04	17.61	3.14	-20.98	1.08	70.62	1.08	Native Navigation
12	6373.00	63.00	13.60	265.70	6366.56	30.46	1.58	-34.45	3.65	8.10	4.04	Native Navigation
13	6437.00	64.00	15.30	264.80	6428.53	45.41	0.25	-50.37	2.66	-1.41	2.68	Native Navigation
14	6500.00	63.00	16.60	265.20	6489.10	61.64	-1.26	-67.61	2.06	0.63	2.07	Native Navigation
15	6564.00	64.00	16.30	265.70	6550.48	78.58	2.69	-85.68	-0.47	0.78	0.52	Native Navigation
16	6628.00	64.00	15.90	265.80	6611.97	95.14	-4.01	-103.38	-0.63	0.16	0.63	Native Navigation
17	6693.00	65.00	15.20	265.20	6674.59	111.43	-5.37	-120.75	-1.08	-0.92	1.11	Native Navigation
18	6756.00	63.00	14.50	267.10	6735.49	126.45	-6.47	-136.86	-1.11	3.02	1.35	Native Navigation
19	6820.00	64.00	16.70	265.30	6797.13	142.46	-7.62	-154.03	-3.44	-2.81	3.52	Native Navigation
20	6883.00	63.00	16.50	264.80	6857.50	159.33	-9.18	-171.96	-0.32	-0.79	0.39	Native Navigation
21	6947.00	64.00	15.10	263.10	6919.08	175.77	-11.00	-189.29	-2.19	-2.66	2.30	Native Navigation
22	7011.00	64.00	14.20	260.60	6981.00	191.23	-13.29	-205.31	-1.41	-3.91	1.72	Native Navigation
23	7076.00	65.00	15.30	258.20	7043.86	207.23	-16.34	-221.57	1.69	-3.69	1.94	Native Navigation
24	7140.00	64.00	14.60	257.70	7105.69	223.30	-19.79	-237.71	-1.09	-0.78	1.11	Native Navigation
25	7203.00	63.00	14.50	252.70	7166.68	238.84	-23.82	-253.00	-0.16	-7.94	2.00	Native Navigation
26	7267.00	64.00	13.60	250.70	7228.76	254.26	-28.69	-267.75	-1.41	-3.13	1.60	Native Navigation
27	7332.00	65.00	12.10	249.40	7292.13	268.65	-33.62	-281.35	-2.31	-2.00	2.35	Native Navigation
28	7396.00	64.00	11.40	257.00	7354.79	281.51	-37.40	-293.79	-1.09	11.87	2.65	Native Navigation
29	7460.00	64.00	8.40	244.60	7417.84	292.37	-40.83	-304.18	-4.69	-19.38	5.73	Native Navigation
30	7523.00	63.00	8.90	246.10	7480.12	301.84	-44.78	-312.79	0.79	2.38	0.87	Native Navigation
31	7587.00	64.00	7.90	252.50	7543.44	311.15	-48.11	-321.51	-1.56	10.00	2.14	Native Navigation
32	7650.00	63.00	7.30	252.40	7605.88	319.40	-50.62	-329.46	-0.95	-0.16	0.95	Native Navigation
33	7714.00	64.00	7.40	262.80	7669.36	327.35	-52.36	-337.42	0.16	-16.25	2.08	Native Navigation
34	7778.00	64.00	6.90	267.20	7732.86	334.82	-53.07	-345.35	-0.78	6.87	1.16	Native Navigation
35	7841.00	63.00	5.90	263.50	7795.47	341.38	-53.62	-352.35	-1.59	-5.87	1.72	Native Navigation
36	7906.00	65.00	5.00	260.10	7860.18	347.27	-54.48	-358.46	-1.38	-5.23	1.47	Native Navigation
37	7969.00	63.00	4.50	258.10	7922.96	352.32	-55.47	-363.58	-0.79	-3.17	0.84	Native Navigation
38	8032.00	63.00	3.90	259.10	7985.79	356.80	-56.38	-368.10	-0.95	1.59	0.96	Native Navigation

Definitive Survey

39	8096.00	64.00	3.30	255.80	8049.66	360.71	-57.24	-372.02	-0.94	-5.16	0.99	Native Navigation
40	8160.00	64.00	2.90	254.40	8113.57	364.11	-58.13	-375.37	-0.63	-2.19	0.64	Native Navigation
41	8222.00	62.00	2.90	253.80	8175.49	367.21	-58.99	-378.39	0.00	-0.97	0.05	Native Navigation
42	8286.00	64.00	2.00	253.40	8239.43	369.91	-59.76	-381.01	-1.41	-0.63	1.41	Native Navigation
43	8349.00	63.00	1.70	231.30	8302.40	371.91	-60.66	-382.79	-0.48	-35.08	1.22	Native Navigation
44	8412.00	63.00	1.70	229.40	8365.37	373.72	-61.85	-384.23	0.00	-3.02	0.09	Native Navigation
45	8477.00	65.00	0.80	181.20	8430.36	374.85	-62.93	-384.98	-1.38	-74.15	2.02	Native Navigation
46	8540.00	63.00	1.10	154.80	8493.35	375.05	-63.92	-384.73	0.48	-41.90	0.83	Native Navigation
47	8604.00	64.00	1.50	150.30	8557.33	374.99	-65.20	-384.05	0.62	-7.03	0.64	Native Navigation
48	8668.00	64.00	1.70	127.10	8621.31	374.48	-66.50	-382.88	0.31	-36.25	1.05	Native Navigation
49	8732.00	64.00	1.80	116.70	8685.28	373.43	-67.53	-381.22	0.16	-16.25	0.52	Native Navigation
50	8796.00	64.00	2.60	117.40	8749.23	371.93	-68.65	-379.04	1.25	1.09	1.25	Native Navigation
51	8859.00	63.00	2.90	113.10	8812.16	370.01	-69.93	-376.30	0.48	-6.83	0.58	Native Navigation
52	8923.00	64.00	3.00	117.10	8876.07	367.91	-71.33	-373.32	0.16	6.25	0.36	Native Navigation
53	8986.00	63.00	2.90	124.20	8938.99	366.10	-72.98	-370.54	-0.16	-11.27	0.60	Native Navigation
54	9050.00	64.00	3.20	127.30	9002.90	364.46	-74.97	-367.78	0.47	4.84	0.53	Native Navigation
55	9113.00	63.00	2.90	126.40	9065.81	362.90	-76.98	-365.09	-0.48	-1.43	0.48	Native Navigation
56	9177.00	64.00	2.80	126.30	9129.73	361.39	-78.87	-362.53	-0.16	-0.16	0.16	Native Navigation
57	9241.00	64.00	2.90	123.20	9193.65	359.80	-80.68	-359.92	0.16	-4.84	0.29	Native Navigation
58	9305.00	64.00	2.70	125.40	9257.58	358.22	-82.44	-357.33	-0.31	3.44	0.35	Native Navigation
59	9368.00	63.00	2.90	130.90	9320.50	356.85	-84.34	-354.92	0.32	8.73	0.53	Native Navigation
60	9432.00	64.00	3.30	150.90	9384.41	356.08	-87.01	-352.80	0.62	31.25	1.79	Native Navigation
61	9496.00	64.00	2.80	141.70	9448.32	355.61	-89.85	-350.93	-0.78	-14.38	1.09	Native Navigation
62	9559.00	63.00	2.50	135.80	9511.25	354.82	-92.04	-349.02	-0.48	-9.37	0.64	Native Navigation
63	9623.00	64.00	2.20	140.20	9575.20	354.06	-93.98	-347.26	-0.47	6.87	0.55	Native Navigation
64	9687.00	64.00	1.80	136.20	9639.16	353.44	-95.65	-345.78	-0.63	-6.25	0.66	Native Navigation
65	9751.00	64.00	2.00	142.40	9703.12	352.88	-97.26	-344.40	0.31	9.69	0.45	Native Navigation
66	9815.00	64.00	1.80	148.90	9767.09	352.55	-99.01	-343.20	-0.31	10.16	0.46	Native Navigation
67	9879.00	64.00	1.40	137.10	9831.06	352.21	-100.44	-342.15	-0.63	-18.44	0.81	Native Navigation
68	9942.00	63.00	1.80	126.30	9894.04	351.51	-101.59	-340.83	0.63	-17.14	0.79	Native Navigation
69	10005.00	63.00	2.30	122.70	9957.00	350.37	-102.86	-338.97	0.79	-5.71	0.82	Native Navigation
70	10069.00	64.00	2.40	122.60	10020.94	348.98	-104.28	-336.76	0.16	-0.16	0.16	Native Navigation
71	10133.00	64.00	2.50	120.00	10084.88	347.47	-105.70	-334.42	0.16	-4.06	0.23	Last Survey with DD
72	10196.00	63.00	2.70	119.60	10147.82	345.84	-107.12	-331.94	0.32	-0.64	0.32	Native Navigation
73	10258.00	62.00	2.90	120.20	10209.75	344.11	-108.63	-329.32	0.32	0.97	0.33	Native Navigation
74	10322.00	64.00	2.90	114.00	10273.66	342.14	-110.10	-326.44	0.00	-9.69	0.49	Native Navigation
75	10386.00	64.00	3.30	104.60	10337.57	339.68	-111.22	-323.18	0.62	-14.69	1.01	Native Navigation
76	10450.00	64.00	3.40	104.60	10401.46	336.81	-112.17	-319.56	0.16	0.00	0.16	Native Navigation
77	10513.00	63.00	3.20	107.00	10464.36	334.08	-113.15	-316.07	-0.32	3.81	0.39	Native Navigation
78	10577.00	64.00	2.50	108.20	10528.28	331.75	-114.11	-313.03	-1.09	1.87	1.10	Native Navigation
79	10638.00	61.00	2.50	108.20	10589.22	329.82	-114.94	-310.51	0.00	0.00	0.00	TD