Form DOGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

RECEIVED
JUL 27 1981
DIVISION OF OIL, GAS & MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No.
-0566

6. If Indian, Allottee or Tribe Name

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. Unit Agreement Name
Red Wash

b. Type of Well
Oil Well [X] Gas Well [ ] Other
Single Zone [X] Multiple Zone [ ]

8. Farm or Lease Name

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

9. Well No.
279 (11-36B)

3. Address of Operator
P. O. Box 599, Denver, CO 80201

10. Field and Pool, or Wildcat
Red Wash

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface
659' FNL & 660' FWL NWNW
At proposed prod. zone

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 36, T7S, R23E

14. Distance in miles and direction from nearest town or post office*
+ - 17 miles southeast of Jensen, Utah

12. County or Parrish 13. State
Uintah Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 7700

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. 1250'

19. Proposed depth
6100

20. Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
GR 5593

22. Approx. date work will start*
Sept. 15, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 - ¼"	8 - 5/8"	24#	300'	to surface
7 - 7/8"	5 - ½ "	15.5#	TD	as required

It is proposed to drill this development well to a depth of 6100' to test the Green River Formation.

Attachments:
Certified Plat
Drilling Procedure
Chevron Class III BOP Requirements
Proposed Completion Procedure
Equipment Location Schematic

3-State
2-USGS
3-Partners
1-JAH
1-ALF
1-MEC
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 B J Johnson Title Engineering Assistant Date July 22, 1981

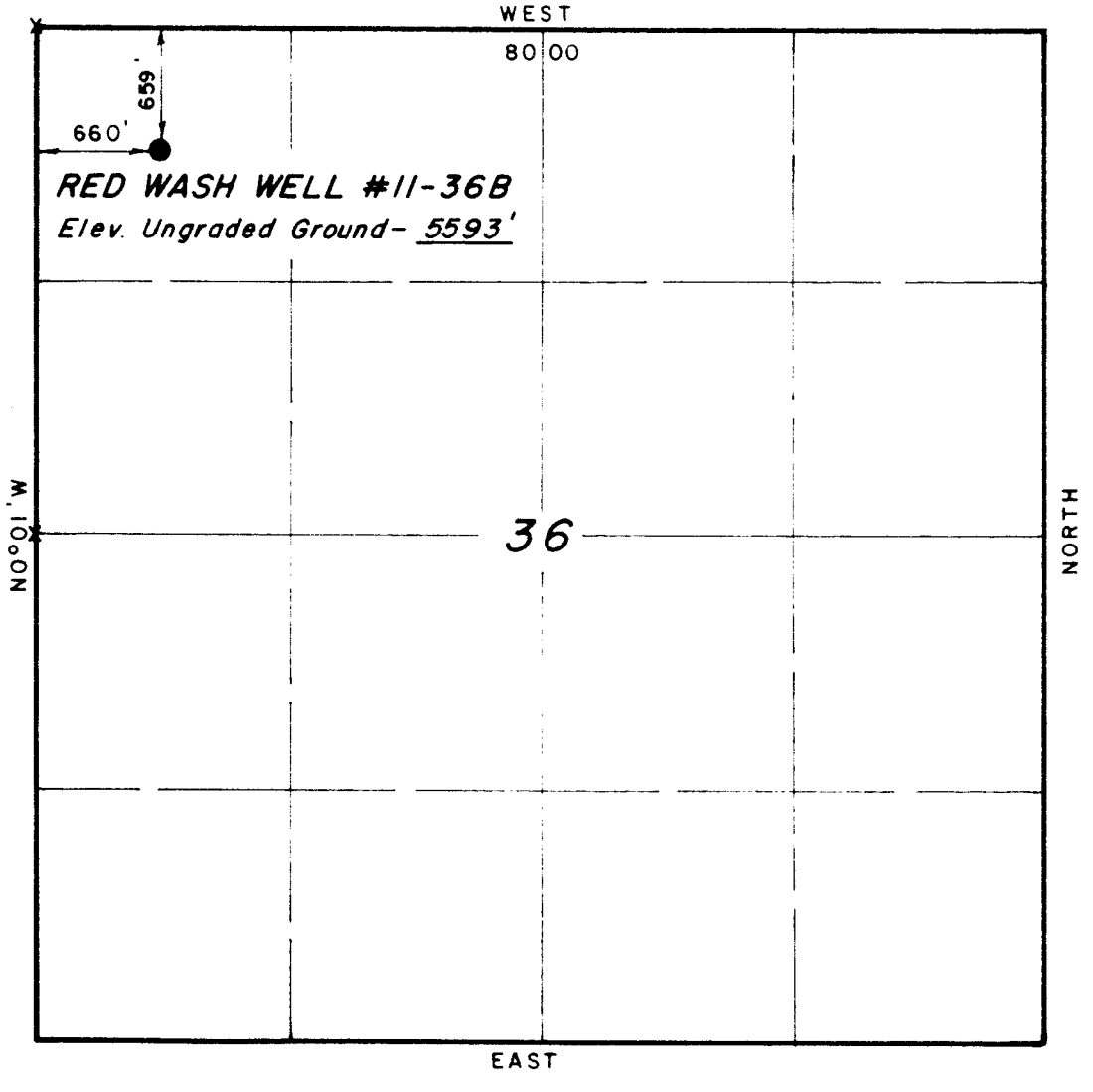
(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date
Conditions of approval, if any:

*See Instructions On Reverse Side

T 7 S, R 23 E, S.L.B.&M.



X = Section Corners Located

NOTE: LOCATION TO DRILL TO REQUESTED LOCATION: S7°36'30"E - 0.547'

PROJECT

CHEVRON U.S.A., INC.

Well location, *Red Wash Well #11-36*, located as shown in the NW 1/4 NW 1/4, Section 36, T7S, R23E, S.L.B.&M., Uintah County, Utah.

NOTE:

Elev. Ref. Pt. S85°47'58"E - 225' = 5596.20'
" " -275' = 5596.87'
" S 4°12'02"W - 200' = 5594.36'
" " -250' = 5595.87'

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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P O BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	DATE
1" = 1000'	6/15/81
PARTY	REFERENCES
NJM, HM, BW RS	GLO PLAT
WEATHER	FILE
FAIR HOT	CHEVRON

DRILLING PROCEDURE

Field RED WASH Well 279 (11 - 36 B)

Location NW ¼ Section 36, T7S, R23E Uintah Co., Utah

Drill X Deepen Elevation: GL 5593 KB 5613 Total Depth 6100'

Non-Op Interests Gulf 1.18% Caulkins .885% Buttran .295%

1. Name of surface formation: Uinta

2. Estimated tops of important geologic markers:

Formation	Approximate Top	Formation	Approximate Top
Green River Fm	2660 (+2953)	KB	5188' (+425)
J	5008' (+605)	LH	5443' (+170)
K	5133' (+480)	TW	5573' (+40)

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

Formation	Depth	Type	Formation	Depth	Type
Green River	5208'(+405)	Oil			

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

	Surface	O/N	Intermediate	O/N	Oil String/ Liner	O/N
Hole Size	12¼"				7 7/8"	
Pipe Size	8 5/8"	N			5½"	N
Grade	K-55				K-55	
Weight	24#				15.5#	
Depth	300'				TD	
Cement	To surface				As required	
Time WOC	6 hrs.				12 hrs.	
Casing Test	1000				2000	
BOP						

Remarks

5. BOPE: Chevron Class III 3000 PSI MSP

6. Mud Program:

Depth Interval	Type	Weight	Viscosity	Water Loss
0-300'	GEL-WTR	-	-	-
300-2500'	WATER			
2500-TD	GEL-CHEM	±9.0 ppg	±40 sec	±6cc below 5000'

7. Auxiliary Equipment: Kelly cock & drill pipe 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 leve for pressure.

9. Mud Logging Unit: Conventional 2-man unit with chromatograph 2500' to TD

Scales: 2" = 100' ____ to ____; 5" = 100' 2500' to TD

10. Coring & Testing Program:

		Formations	Approximate Depth	Approximate Length of Cor
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.

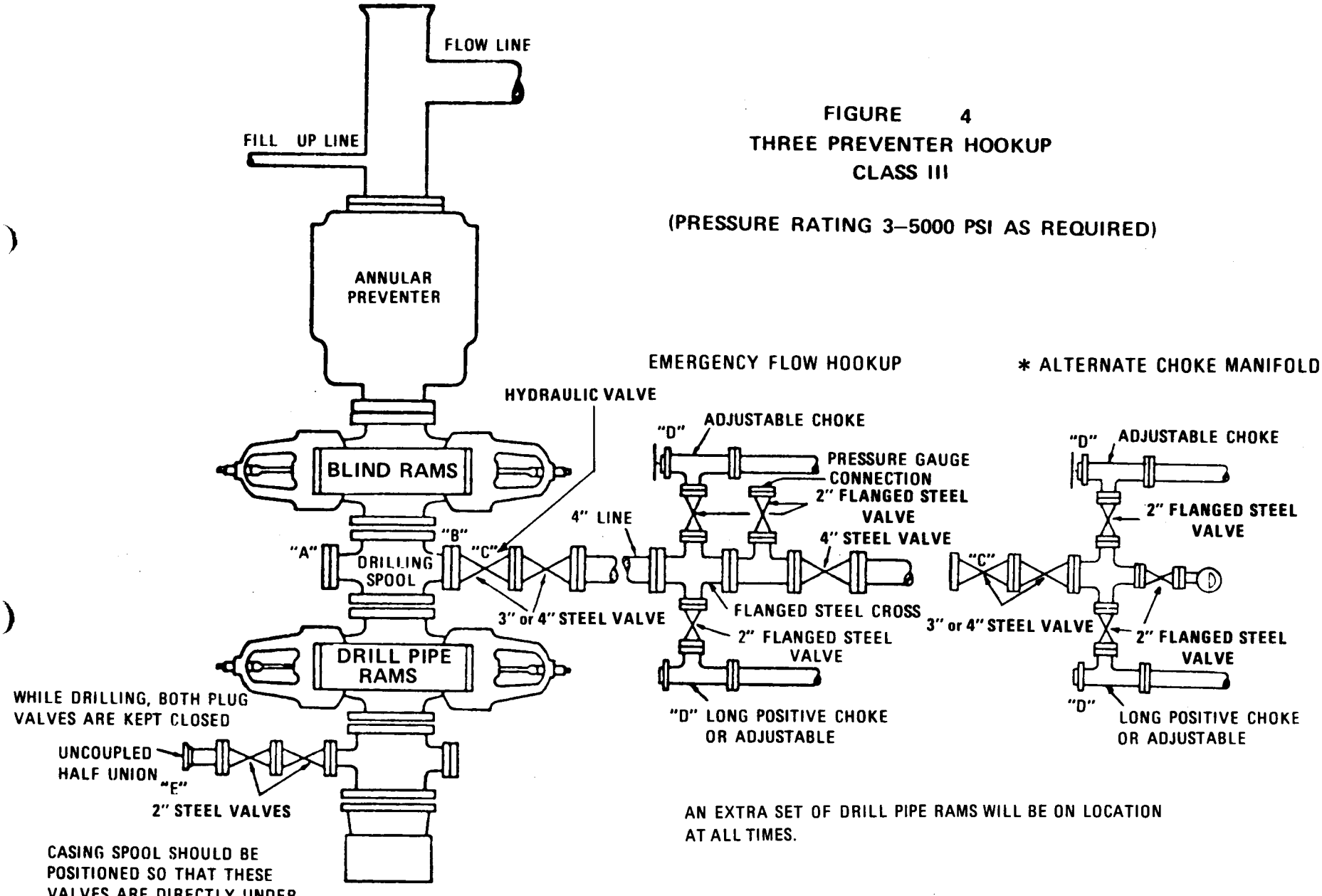
Division Development Geologist ____ Division Drilling Superintendent ____

Chief Development Geologist ____ Date ____

WS-44

FIGURE 4
THREE PREVENTER HOOKUP
CLASS III

(PRESSURE RATING 3–5000 PSI AS REQUIRED)



Chevron U.S.A. Inc.
ROCKY MTN. PRODUCTION DIVISION

Chevron U.S.A. Inc.

ROCKY MOUNTAIN PRODUCTION DIVISION

GENERAL INSTRUCTIONS AND REQUIREMENTS FOR BLOWOUT PREVENTION EQUIPMENT

I. ACCEPTABLE ACCUMULATOR UNITS

A. FOR 8" AND LARGER BOP UNITS.
1. HYDRIL 80 GALLON
2. PAYNE 80 GALLON (4-20 GALLON UNITS MANIFOLDED TOGETHER)
3. KOOMEY 88 GALLON (4-22 GALLON UNITS MANIFOLDED TOGETHER)

B. FOR 6" BOP UNITS
1. HYDRIL 40 GALLON
2. PAYNE 40 GALLON (2-20 GALLON UNITS MANIFOLDED TOGETHER)
3. KOOMEY 44 GALLON (2-22 GALLON UNITS MANIFOLDED TOGETHER)

C. A VALVE SHALL BE PROVIDED FOR INTRODUCTION OF EMERGENCY ENERGY (SUCH AS BAKER HAND PUMP) FROM AN EXTERIOR SOURCE OTHER THAN THE ACCUMULATOR. A VALVE SHALL BE INSTALLED TO PREVENT FLOW FROM AN EXTERIOR SOURCE TO THE ACCUMULATOR UNIT.

II. CONTROL UNITS

A. ALL VALVES TO BE CLEARLY LABELED TO INSURE PROPER OPERATION AND TO ELIMINATE THE POSSIBILITY OF CONFUSION.

B. HANDWHEELS FOR PIPE AND BLANK RAMS SHALL BE CLEARLY LABELED AND IN PLACE AT ALL TIMES WITH CLEAR ACCESS. A BARRICADE SHALL BE INSTALLED FOR THE PROTECTION OF THE OPERATOR AT THESE MANUAL CONTROLS.

III. PREVENTER UNITS

A. PRESSURE RATING OF BOP EQUIPMENT WILL BE AS STATED IN THE CONTRACT OR ON THIS DRAWING.

B. DRILLING NIPPLE AND BOP'S TO HAVE SUFFICIENT ID TO PASS HANGER FOR NEXT STRING OF CASING TO BE SET.

C. NEW API BX RING GASKETS TO BE USED EACH TIME A FLANGE IS ASSEMBLED.

D. FLANGE BOLTS ON BOP'S WILL BE TIGHTENED AFTER PRESSURE TESTS AND ONCE A WEEK ON A ROUTINE BASIS. CASINGHEAD BOLTS TO BE TIGHTENED DAILY.

E. PREVENTERS ARE TO BE WELL BRACED.

F. PRIOR TO RUNNING CASING, PIPE RAMS WILL BE CHANGED TO ACCOMMODATE SIZE OF CASING TO BE RUN.

G. CASINGHEAD SHALL BE INSTALLED SO KILL LINE VALVES WILL BE UNDER BOP'S FOR PROTECTION. KILL LINE VALVES TO BE KEPT CLOSED AFTER PRESSURE TESTS.

H. ALL REPLACEMENT PARTS TO BE OF SAME MANUFACTURE AS BOP'S.

IV. TESTING

A. BLOWOUT PREVENTERS, KILL LINE, ALL VALVES IN THE SYSTEM, KELLY COCK, SAFETY VALVE, STAND PIPE VALVES, ROTARY HOSE, ETC. ARE ALL TO BE TESTED TO THE WORKING PRESSURE OF THE BOP'S OR AS STATED IN THE CONTRACT.

B. BOP SYSTEM IS TO BE TESTED UPON INSTALLATION AND EACH WEEK THEREAFTER, USING A TEST PLUG OR AT THE FREQUENCY STATED IN THE CONTRACT.

C. ALL TESTING IS TO BE DONE WITH CLEAR OR DYED WATER.

D. TESTING PROCEDURE IS TO BE CARRIED OUT SO EACH VALVE IS TESTED INDIVIDUALLY.

E. ALL B.O.P.E. TO BE OPERATED DAILY; BLIND RAMS ON TRIPS.

V. MISCELLANEOUS

A. DRILL PIPE RUBBER, IN GOOD CONDITION, TO BE USED ON KELLY SAVER SUB AT ALL TIMES.

B. A FULL OPENING VALVE IN THE STAND PIPE WITH A 2" VALVE DOWNSTREAM FOR CONNECTING A PUMP TRUCK ARE REQUIRED. THESE VALVES ARE TO HAVE THE SAME PRESSURE RATING AS THE BOP'S.

C. CHECK WITH COMPANY REPRESENTATIVE FOR DIRECTION TO INSTALL OUTLET VALVES ON WELLHEAD.

D. MODIFICATIONS OF HOOK-UP MUST BE APPROVED IN WRITING ON TOUR REPORTS BY COMPANY REPRESENTATIVE.

E. INSIDE BLOWOUT PREVENTER AND FLOAT VALVE TO HAVE CONNECTIONS FOR DRILL STRING AND TO BE ABLE TO PASS THROUGH BOP STACK INTO OPEN HOLE.

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.

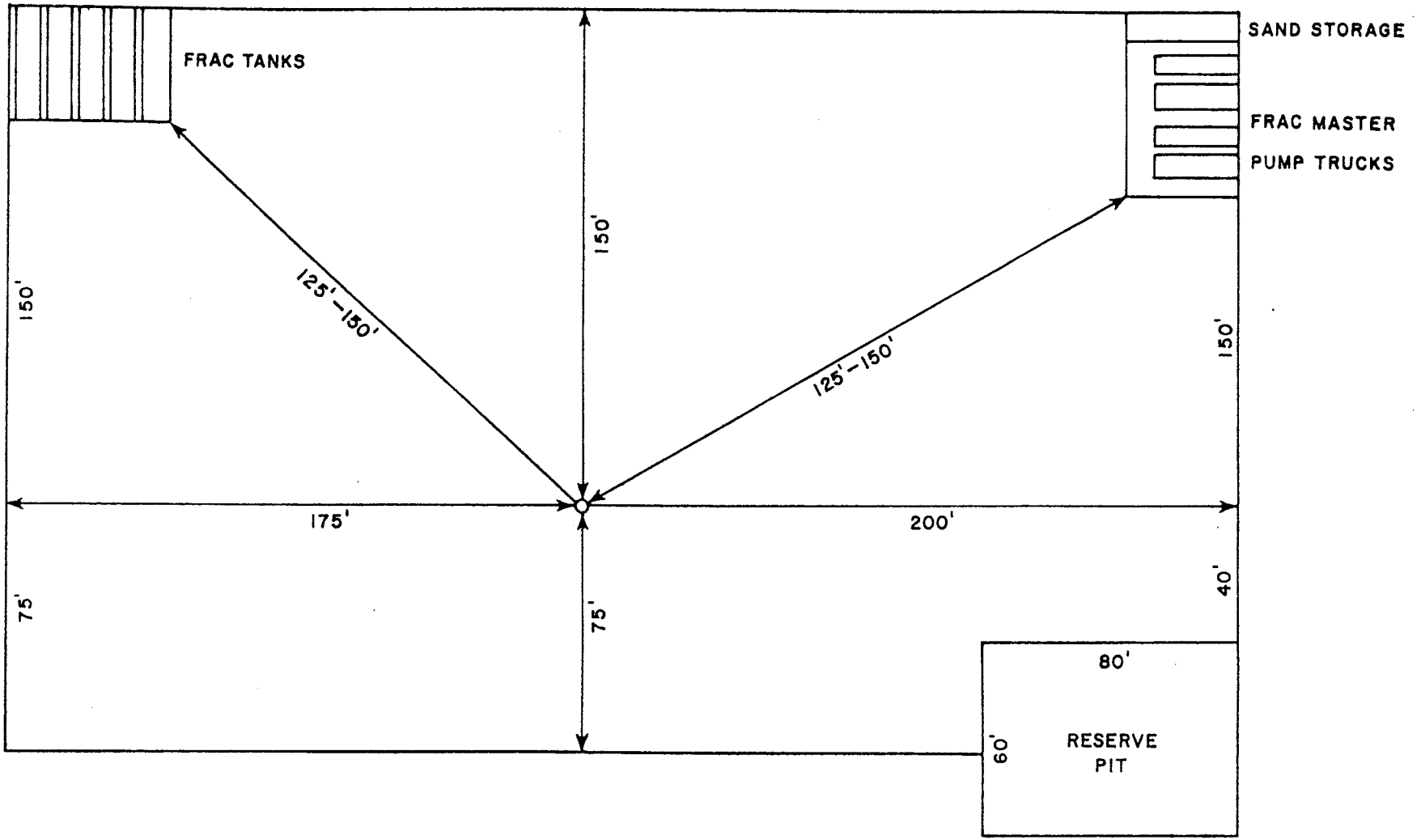
3. Acidize the perforated intervals w/inhibited 15% HCL acid containing additives for emulsion and scale control. Swab back spent acid-water immediately. Continue to swab to determine fluid content of perforated intervals.

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.



TYPICAL RED WASH LOCATION

Form DOGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.
U-0566

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. Unit Agreement Name
Red Wash

b. Type of Well
Oil Well [X] Gas Well [ ] Other Single Zone [X] Multiple Zone [ ]

8. Farm or Lease Name

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

9. Well No.
279 (11-36B)

3. Address of Operator
P. O. Box 599, Denver, CO 80201

RECEIVED
JUL 27 1981

10. Field and Pool, or Wildcat
Red Wash

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface
659' FNL & 660' FWL NWNW
At proposed prod. zone

DIVISION OF OIL, GAS & MINING

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 36, T7S, R23E

14. Distance in miles and direction from nearest town or post office*
+ - 17 miles southeast of Jensen, Utah

12. County or Parrish
Uintah

13. State
Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)	16. No. of acres in lease	17. No. of acres assigned to this well
7700	Within unit	40
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.	**19. Proposed depth**	**20. Rotary or cable tools**
1250'	6100	Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
GR 5593

22. Approx. date work will start*
Sept. 15, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

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It is proposed to drill this development well to a depth of 6100' to test the Green River Formation.

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- Drilling Procedure
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- Equipment Location Schematic

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24.
Signed J. J. Johnson Title Engineering Assistant Date July 22, 1981

(This space for Federal or State office use)

Permit No. Approval Date

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 8-10-81
BY: M. J. Minder

Approved by Title Date
Conditions of approval, if any:

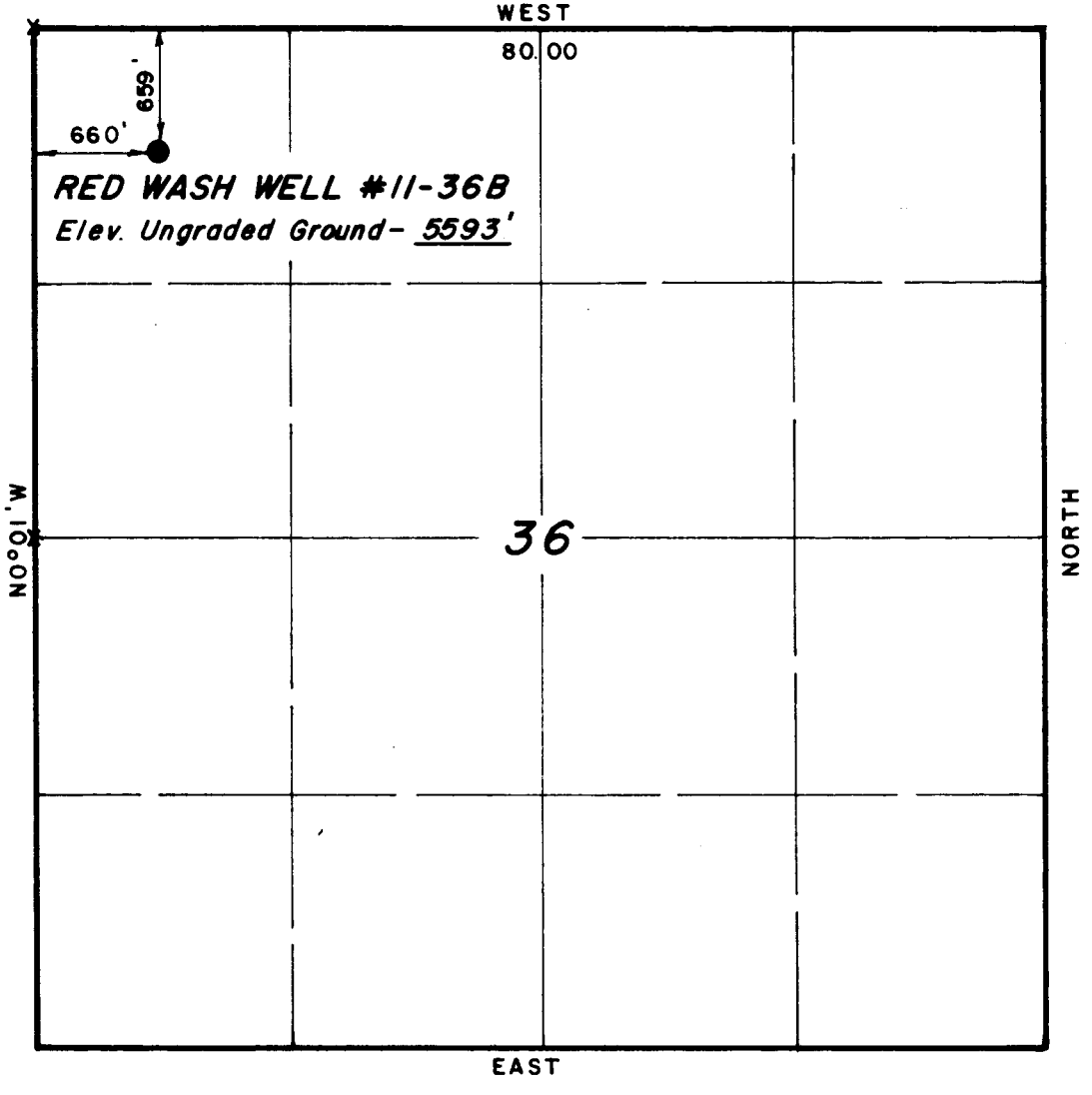
*See Instructions On Reverse Side

PROJECT

CHEVRON U.S.A., INC.

Well location, *Red Wash Well #11-36B* located as shown in the NW 1/4 NW1/4, Section 36, T7S, R23E, S.L.B.&M., Uintah County, Utah.

T 7 S, R23E, S.L.B.&M.



X = Section Corners Located

NOTE: LOCATION TO DRILL TO REQUESTED LOCATION: S7°36'30"E - 0.547'

NOTE:

Elev. Ref. Pt. S85°47'58"E-225' = 5596.20'
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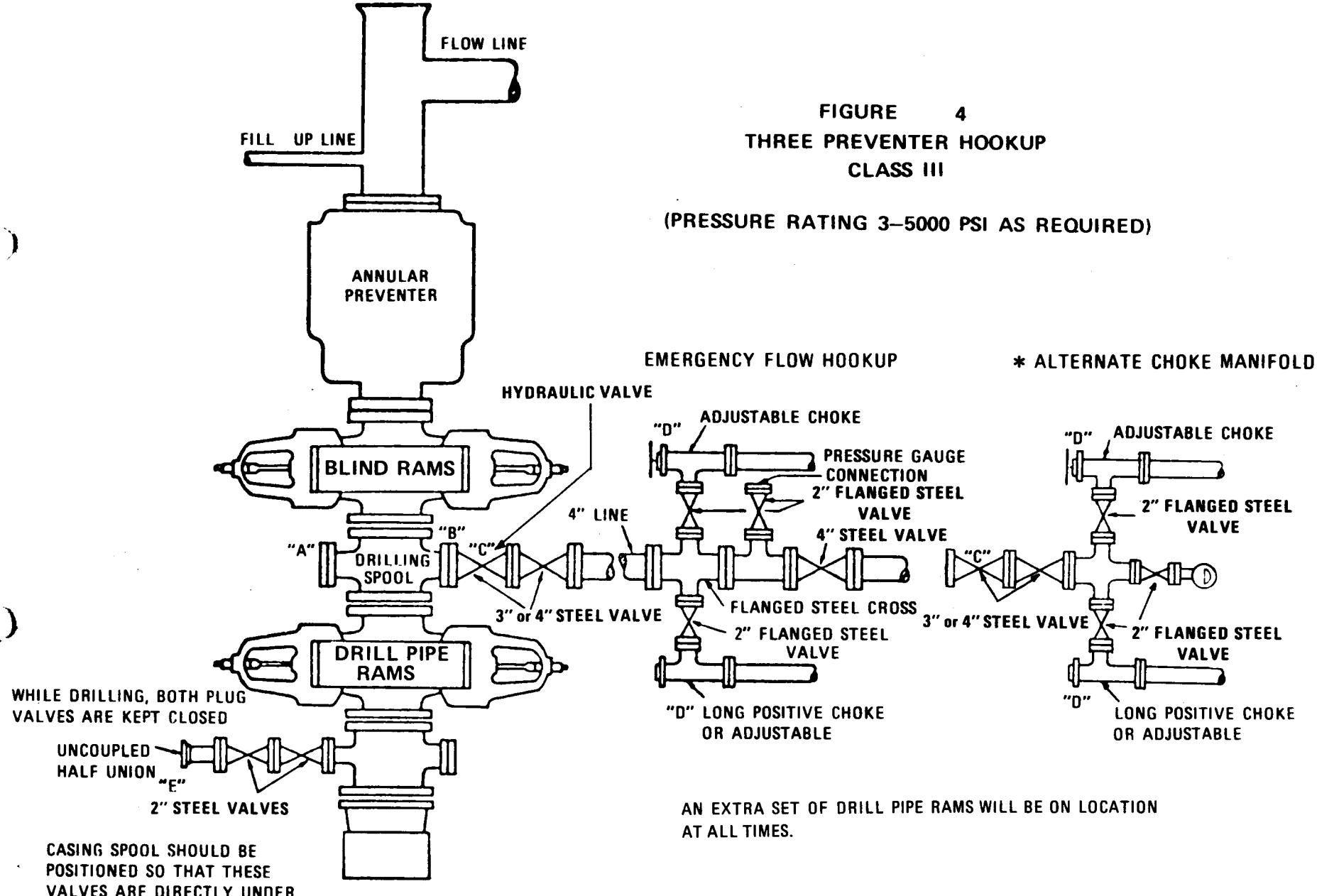
REGISTERED LAND SURVEYOR
REGISTRATION Nº 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6/15/81
PARTY NJM, HM, BW RS	REFERENCES GLO PLAT
WEATHER FAIR, HOT	FILE CHEVRON

FIGURE 4
THREE PREVENTER HOOKUP
CLASS III

(PRESSURE RATING 3–5000 PSI AS REQUIRED)



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

Chevron U.S.A. Inc.
ROCKY MTN. PRODUCTION DIVISION

Chevron U.S.A. Inc.

ROCKY MOUNTAIN PRODUCTION DIVISION

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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.

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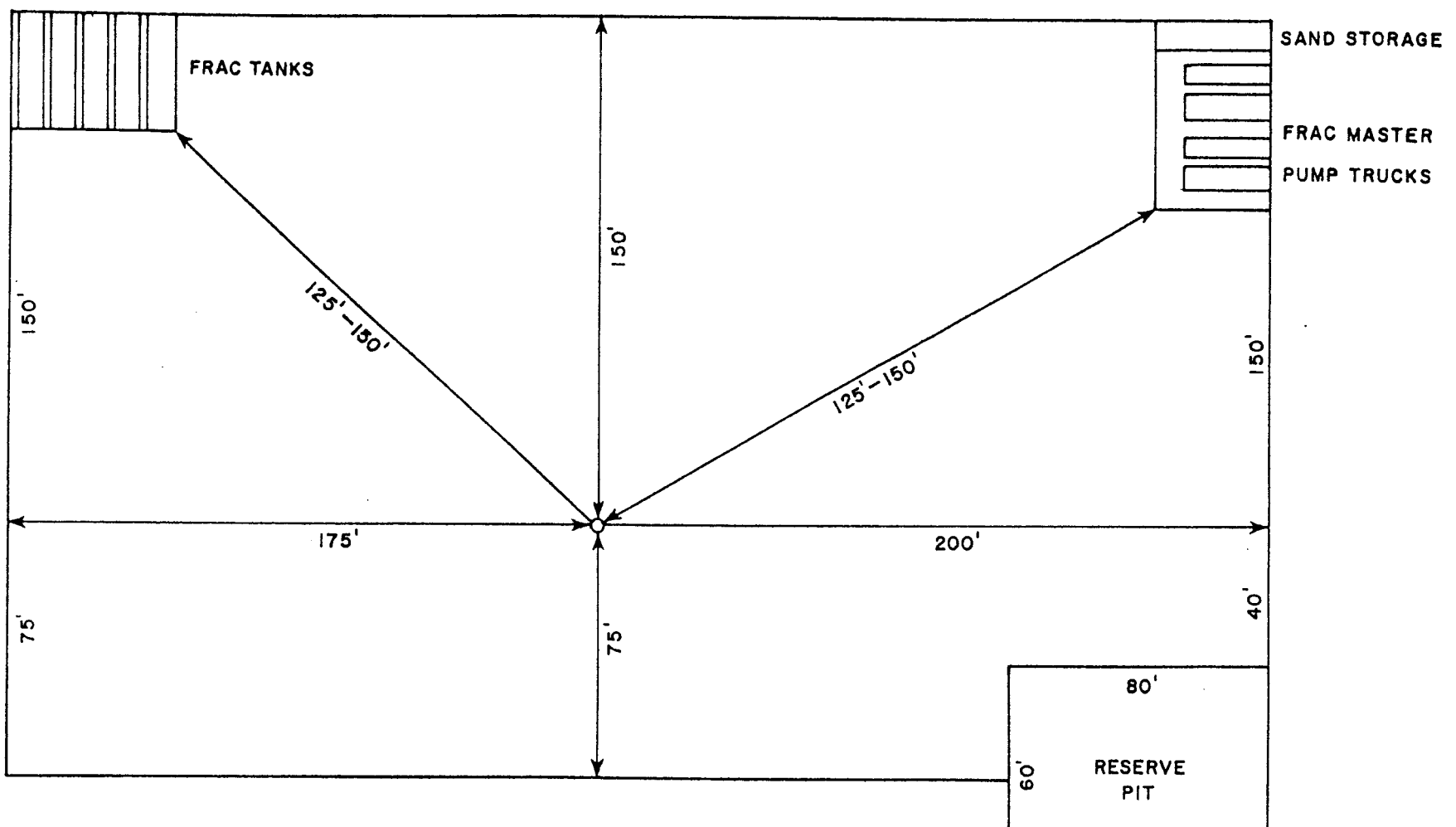
7. Place well on production.



TYPICAL RED WASH LOCATION

** FILE NOTATIONS **

DATE: Aug. 10, 1981

OPERATOR: Chevron U.S.A., Inc.

WELL NO: Red Wash #279 (11-36B)

Location: Sec. 36 T. 7S R. 23E County: Uintah

File Prepared: ✓ Entered on N.I.D: ✓

Card Indexed: ✓ Completion Sheet:

API Number 43-047-31052

CHECKED BY:

Petroleum Engineer: M. J. Minder

Director:

Administrative Aide: Unit Well, ok on boundries

APPROVAL LETTER:

Bond Required: Survey Plat Required:

Order No. O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation Fed Plotted on Map

Approval Letter Written

Hot Line P.I.

August 11, 1981

Chevron U.S.A. Inc.
P. O. BOX 599
Denver, Colo. 80201

RE: Well No. Red Wash # 279 (11-36B)
Sec. 36, T. 7S, R. 23E,
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after Drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31052.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

MTM/db
CC: USGS

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other 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.)

1. OIL WELL [X] GAS WELL [ ] OTHER

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: 659' FNL and 660' FWL NWNW

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.: 279 (11-36B)

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 36, T7S, R23E

14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
31052	GR 5593	Uintah	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 COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) Change casing program			[X]	(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.) *

Casing Program changed as follows:

9-5/8" K-55, 36# casing to be set at 300'

7" N-80, 23# casing to be set TD to 5100. Hole size 8-3/4"

7" K-55, 23# casing to be set 5100' to surface. Hole size 8-3/4"

Attachment:

Revised Drilling Procedure

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: _____
BY: _____

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

SIGNED J.J. Johnson TITLE Engineering Assistant DATE October 8, 1981

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Revised 10-6-81

DRILLING PROCEDURE

Field RED WASH Well 279 (11-36B)

Location NW¼ Section 36, T7S, R23E, Uintah County, Utah

Drill X Deepen ____ Elevation: GL 5593 KB 5613 Total Depth 6100'

Non-Op Interests Gulf 1.18% Caulkins .885% Buttram .295%

1. Name of surface formation: Uinta

2. Estimated tops of important geologic markers:

Formation	Approximate Top	Formation	Approximate Top
Green River Fm	2660' (+2953)	KB	5188' (+425)
J	5008' (+ 605)	LH	5443' (+170)
K	5133' (+ 480)	TW	5573' (+ 40)

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

Formation	Depth	Type	Formation	Depth	Type
Green River	5208' (+405)	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"	N			7"	N
Grade	K-55				* K-55 & N-80	
Weight	36#				23#	
Depth	300'				TD	
Cement	To surface				As required	
Time WOC	6 Hrs.				12 Hrs.	
Casing Test	1000				2000	
BOP						

Remarks * N-80 6100-5100, K-55 5100 - surface

5. BOPE: Chevron Class III 3000 Psi MSP

6. Mud Program:

Depth Interval	Type	Weight	Viscosity	Water Loss
0- 300'	Gel-Wtr	-	-	-
300-2500'	Water	-	-	-
2500-TD	Gel-Chem	± 9.0 ppg	± 40 sec	± 6cc below 5000'

7. Auxiliary Equipment: Kelly cock and drill pipe 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 levels for pressure

9. Mud Logging Unit: Conventional 2-man unit with chromatograph 2500' to TD

Scales: 2" = 100' ____ to ____; 5" = 100' 2500' to TD

10. Coring & Testing Program:

		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.

Division Development Geologist RJ Firth 10/16/81

Chief Development Geologist ____ Date ____

Division Drilling Superintendent [signature] 10-16-81

GNT 10/16/81

WS-44

RJF 10/16/81

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Chevron USA

WELL NAME: Red Wash Unit #279

SECTION NWNW 36 TOWNSHIP 7S RANGE 23E COUNTY Uintah

DRILLING CONTRACTOR R. L. Manning

RIG #9N

SPUDDED: DATE 11-12-81

TIME 5:00 PM

HOW Rotary

DRILLING WILL COMMENCE

REPORTED BY Arron Leonard

TELEPHONE # (303) 791-7551

DATE November 13, 1981 SIGNED DB

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

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 [X] GAS WELL [ ] OTHER

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: 659' FNL & 660' FWL (NWNW)

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.: 279 (11-36B)

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 36, T7S, R23E

14. PERMIT NO.: 31052

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 5593

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 COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other)		Well Status	[X]	(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.) *

Date: November 30, 1981

Depth
@ 6059

RECEIVED
DEC 14 1981
DIVISION OF
OIL, GAS & MINING

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

SIGNED Erin M. Lionard TITLE Engineering Assistant DATE December 7, 1981

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

December 22, 1981

Chevron U.S.A. Inc.
P. O. Box 599
Denver, Colorado 80201

Re: See attached

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the month indicated above on the subject well

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours.

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Clerk Typist

Well No. Chriss Canyon #1
Sec. 33, T. 16S, R. 1E
Sanpete County, Utah
(April 1981- November 1981)

Well No. Red Wash Unit #276 (44-27B)
Sec. 27, T. 7S, R. 23E.
UIntah County, Utah
(November 1981)

Well No. Red Wash #279 (11-36B)
Sec. 36, T. 7S, R. 23E
Uintah County, Utah
(November 1981)

Well No. Red Wash Unit #250 (41-29C)
Sec. 29, T. 7S, R. 24E
Uintah County, Utah
(April 1981- November 1981)

Form 9-331b

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

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

U.S. GEOLOGICAL SURVEY
OIL AND GAS OPERATIONS
RECEIVED
FEB 16 1982
SALT LAKE CITY, 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.)

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.: 279 (11-36B)

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 36, T75, R23E

1. OIL WELL [X] GAS WELL [ ] OTHER

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: 659' FNL & 660' FWL (NWNW)

14. PERMIT NO.:

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

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 COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other)		Well Status	[X]	(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.)*

DATE: Jan. 31, 1982

WOCR

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

SIGNED Erin M. Leonard TITLE Engineering Asst. DATE 2/8/82

(This space for Federal or State office use)

APPROVED BY [signature] TITLE E. W. Guynn District Oil & Gas Supervisor DATE FEB 23 1982

CONDITIONS OF APPROVAL, IF ANY:

Form OGC-1b

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

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 [X] GAS WELL [ ] OTHER

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: 659' FNL & 660' FWL (NWNW)

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.: 279 (11-36B)

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 36, T7S, R23E

14. PERMIT NO.:

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

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 COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) Well Status	[XX]			(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, 1982
WOCR

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

SIGNED Ann McLeonard TITLE Engineering Assistant DATE March 1, 1982

(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
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

March 8, 1982

Chevron USA Inc.
P. O. Box 599
Denver, Colorado 80201

Re: Well No. Chriss Canyon #1
Sec. 33, T. 16S, R. 1E.
Sanpete County, Utah
(January- February 1982)

Well No. Red Wash #273 (42-27B)
Sec. 27, T. 7S, R. 23E.
Uintah County, Utah
(January- February 1982)

Well No. Red Wash #279 (11-36B)
Sec. 36, T. 7S, R. 23E.
Uintah County, Utah
(January - February 1982)

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours.

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Clerk Typist

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

March 15, 1982

Ms. Cari Furse
State Of Utah
Natural Resources & Energy
Oil, Gas, & Mining

Dear Ms. Furse:

Enclosed are copies of our Chriss Canyon Unit #1 and RWU 279 updates for January & February, 1982. Also, the originals for RWU 273.

Sorry for any inconveniences this may have caused you.

Very truly yours,

Erin M. Leonard

Erin M. Leonard
Engineering Assistant

EML:ry
Enclosures

Form OGC-1b

SUBMIT IN TRIPLICATE* (other 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.)

1. OIL WELL [X] GAS WELL [ ] OTHER

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: 659' FNL & 660' FWL NWNW

5. LEASE DESIGNATION AND SERIAL NO.: State

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Red Wash

8. FARM OR LEASE NAME:

9. WELL NO.: 279 (11-36B)

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 36, T7S, R23E

14. PERMIT NO.: 31052

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 5593

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 COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)		Change rigs	[X]	(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.) *

R. L. Manning Rig #9N was released 12-5-82. Western #26 will be moved on location to test & complete RWU #279 on 4/8/82.

RECEIVED
APR 20 1982
DIVISION OF
OIL, GAS & MINING

3-State
2-USGS
3-Partners
1-JAH
1-Sec. 723
1-File

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

SIGNED Ernest W. Leonard TITLE Engineering Assistant DATE April 8, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-1b

SUBMIT IN TRIPLICATE* (Other 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.)

1. OIL WELL [X] GAS WELL [ ] OTHER

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: 659' FNL + 660' FWL (NWNW)

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.: 279 (11-36B)

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 36, T7S, R23E

14. PERMIT NO.:

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

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 COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)		Well Status	[X]	(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, 1982
Depth @6100'
WOCR

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

SIGNED Erin M. Leonard TITLE Engineering Assistant DATE May 4, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-3

SUBMIT IN DUPLICATE
(See other instructions on reverse side)

56 64 01 4

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: ~~State~~ U-0566

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

7. UNIT AGREEMENT NAME: Red Wash

8. FARM OR LEASE NAME:

2. NAME OF OPERATOR: CHEVRON U.S.A. INC.

9. WELL NO.: 279 (11-36B)

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

10. FIELD AND POOL, OR WILDCAT: Red Wash-~~Green River~~

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 659' FNL + 660' FWL (NWNW)
At top prod. interval reported below
At total depth

RECEIVED
MAY 13 1982
DIVISION OF OIL, GAS & MINING

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 36, T7S, R23E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-047-31052	8-11-81	Uintah	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
11-12-81	11-30-81	4-28-82	GR 5593, KB 5610	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6102	5977		→	All	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5198-5512 MD Green Fiver FM

25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIFL/GR-CNL-FDC

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"	36#	331	12-1/4	200 sxs	
7"	23#	6,102	8-3/4	960 sxs	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	5562	-

31. PERFORATION RECORD (*Interval, size and number*): See Attachment

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5361-5464	55 gal Nalco 905-087 Scale Inhibitor and 420 gals 2%KCL
See Attachment	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
04/30/82	Rod Pump 10 X 74 X 1-3/4	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
05/05/82	24	-		123	-	137	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-	22 psi		123	-	137	28

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): vented

TEST WITNESSED BY: J. H. Daggett

35. LIST OF ATTACHMENTS: PERFORATION AND ACIDIZING DETAILS

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

SIGNED Erin M. Leonard TITLE Engineering Assistant DATE May 10, 1982

*(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.
K_{B20-69}	5198	5218	
K_{C20-39}	5236	5244	
K_{C40-99}/K_{D00-04}	5244	5273	
$K_{F\ 00-89}$	5306	5335	
L_{B00-99}/L_{C00-29}	5361	5373	
$L_{D\ 00-99}$	5380	5390	
$L_{E50-99}/L_{F\ 00-69}$	5399	5420	
$L_{G\ 00-99}$	5435	5420	
$L_{H\ 00-99}$	5460	5464	
Wasatch FM	5505	5512	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
"F" Horizon	4167 (+1443)	
"G" Horizon	4395 (+1215)	
"H" Horizon	4569 (+1041)	
"I" Horizon	4772 (+838)	
"J" Horizon	5002 (+608)	
"K" Horizon	5131 (+479)	
"L" Horizon	5346 (+264)	
Wasatch FM	5467 (+143)	

ATTACHMENT

RWU #279 (11-36B)

Perforation Detail:

5512-5505	2 SPF
5464-5460	2 SPF
5450-5435	2 SPF
5420-5399	2 SPF
5390-5380	2 SPF
5373-5361	2 SPF
5335-5306	2 SPF
5273-5244	2 SPF
5244-5236	2 SPF
5198-5218	2 SPF

Acid Detail:

5505-12	1000 gal.	15% HCL
5435-64	2000 gal.	15% HCL
5361-5464	1000 gal.	15% HCL
5306-5335	3000 gal.	15% HCL
5198-5335	8000 gal.	15% HCL

FILE IN TRIPLICATE
FORM OGC-8-X

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

RECEIVED
MAY 18 1982
DIVISION OF
OIL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Red Wash Unit #279

Operator Chevron U.S.A. Inc. *Address* P.O. Box 599, Denver, CO 80201

Contractor R. L. Manning *Address* 1700 Broadway, Ste. 2200, Denver, CO 80290

Location NW ¼ NW ¼ *Sec.* 36 *T.* 7S *R.* 23E *County* Uintah

Water Sands

	Depth		Volume	Quality
	From	To	Flow Rate or Head	Fresh or Salty
1.	NONE REPORTED			
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.*

STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

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

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

July 14, 1982

Chevron USA, Inc.
P. O. Box 599
Denver, Colorado 80201

Re: Well No. Red Wash #279
(11-36B)
Sec. 36, T. 7S, R. 23E.
Uintah County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office May 10, 1982, from above referred to well, indicates the following electric logs were run: DIFL/GR-CNL-FDC. As of todays date, this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Clerk Typist

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 ___ CORPORTATION X
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE ...RWU No.....279..... WELL
SEC. 36 TWP. 7S RANGE 23E
Uintah COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL ☒
DISPOSAL WELL ☐

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: State	Well No.: 279 (11-36B)	Field: Red Wash	County: Uintah
Location of Enhanced Recovery Injection or Disposal Well: NW¼ NW¼	Sec. 36	Twp. 7S	Rge. 23E
New Well To Be Drilled: Yes ☐ No ☒	Old Well To Be Converted: Yes ☒ No ☐	Casing Test: Yes ☒ No ☐ Date 4-12-82	
Depth-Base Lowest Known Fresh Water Within ½ Mile: 2700	Does Injection Zone Contain Oil-Gas-Fresh Water Within ½ Mile: YES ☒ NO ☐	State What: oil & gas	
Location of Injection Source(s): produced water	Geologic Name(s) and Depth of Source(s): Green River 4500-5600		
Geologic Name of Injection Zone: Green River	Depth of Injection Interval: 5198 to 5464		
a. Top of the Perforated Interval: 5198	b. Base of Fresh Water: 2700	c. Intervening Thickness (a minus b): 2498	

Is the intervening thickness sufficient to show fresh water will be protected without additional data? (YES) NO

Lithology of Intervening Zones: sand-shale

Injection Rates and Pressures:
Maximum= 2500 B/D, Working = 800 B/D
Maximum= 3000 psi, Working = 2000 PSI

The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent

Bureau of Land Management, State of Utah
1400 University Club Building
136 East South Temple
Salt Lake City, Utah 84111

State of Colorado)
County of Denver)

Perry L Hurst
Applicant

Before me, the undersigned authority, on this day personally appeared _____ 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.

Suscribed and sworn to before me this 23 day of May, 1983

SEAL My commission expires July 5, 1983.
My business address is:
700 South Colorado Blvd.
Denver, CO 80222

My commission expires _____

Lois J. Thompson
Notary Public in and for Colorado

(OVER)

FORM DOGM-UIC-1 (continued)

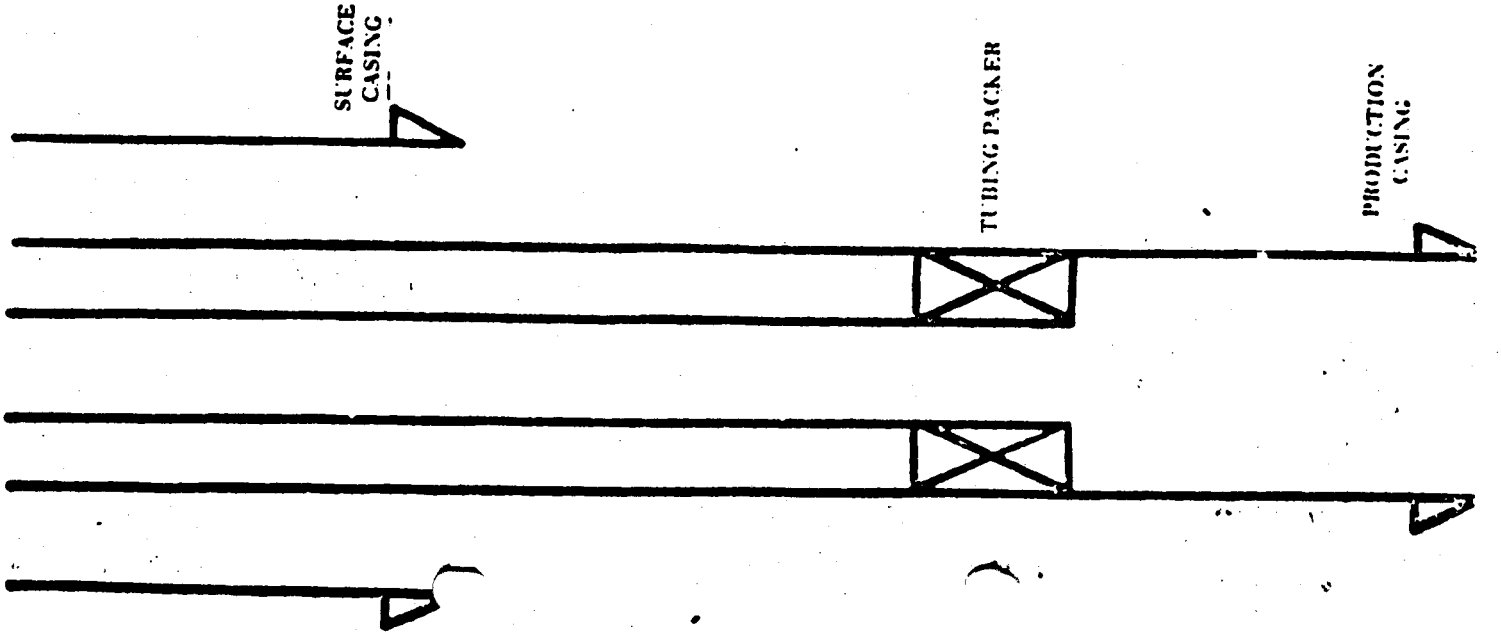
INSTRUCTIONS

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 ½ 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 ½ 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"	331	200	Surface	Returns
Intermediate					
Production	7"	6102	960	2875	CBL
Tubing Dual Strings	2-3/8"	±5170, ±5345	Name - Type - Depth of Tubing Packer: Baker A-5 Dual @ ±5170, Baker D @ ±5345		

Total Depth	Geologic Name - Inj. Zone	Depth - Top of Inj. Interval	Depth - Base of Inj. Interval
6102	Green River	5198	5464



Form 11C-2 (To be filed within 30 days after drilling is completed)

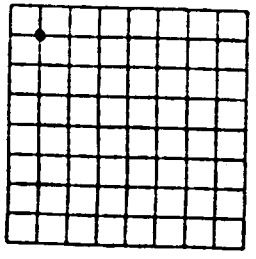
DEPARTMENT OF NATURAL RESOURCES AND ENERGY

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

COUNTY LEASE NO.

API NO 43-047-31052

640 Acres N



COUNTY Uintah SEC. 36 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. 279

DRILLING STARTED 11-12 19 81 DRILLING FINISHED 11-30 19 81

DATE OF FIRST PRODUCTION 4-30-82 COMPLETED 4-28-82

WELL LOCATED NW ¼ NW ¼ ¼

1981 FT. FROM SL OF ¼ SEC. & 660 FT. FROM WL OF ¼ SEC.

ELEVATION DERRICK FLOOR Kelly Bushing 5610 GROUND 5593

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"	36 #/ft	K-55	331	2000	200	-	Surface
7"	23 #/ft	N-80 K-55	6102	1500	960	-	2875

TOTAL DEPTH 6102

PACKERS SET DEPTH ± 5170, ± 5345

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 INTERVALS	5198-5218	5380-5390	5505-5512*
	5236-5273	5399-5420	
	5306-5335	5435-5450	
	5361-5373	5460-5464	
ACIDIZED?	yes-all perforated intervals		
FRACTURE TREATED?	No		

*will be excluded with bridge plug when well is converted to injection

INITIAL TEST DATA

Date	5-5-82		
Oil, bbl./day	123		
Oil Gravity	28		
Gas, Cu. Ft./day	(vented) MK	CF	
Gas-Oil Ratio Cu. Ft./Bbl.	-		
Water-Bbl./day	137		
Pumping or Flowing	pumping		
CHOKE SIZE	-		
Casing FLOW TUBING PRESSURE	22 psi		

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

Terry L Hurst

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 691-7124 Acting Area Supt.
Name and title of representative of company

My commission expires July 5, 1983.

My business address is 700 South Colorado Blvd.

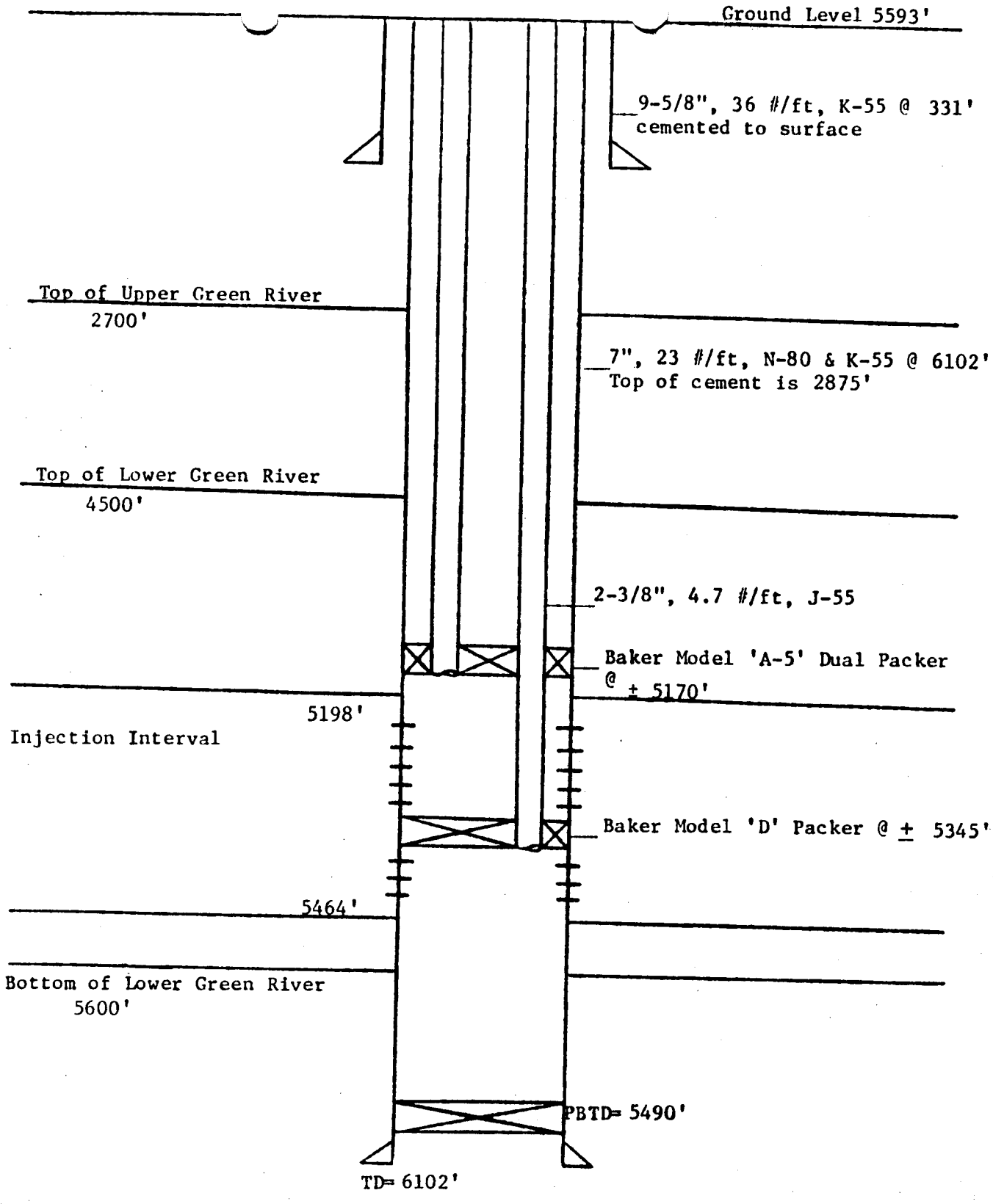
Subscribed and sworn before me this 23 day of May, 19 83

RED WASH UNIT NO. 279 (11-36B)
CBL SYNOPSIS FOR SUBJECT INJECTION WELL

On March 10, 1982, Schlumberger Well Services ran a cement bond and variable density log on RWU #279. The variable density log indicates fairly good bonding from the cement top at ± 2670' to TD. The amplitude curve reads less than 5 MV with the exception of the region 5200' to 5280'.

RED WASH UNIT NO. 279 (11-36B)
CBL SYNOPSIS FOR OFFSET PRODUCERS

Producing wells offset to RWU No. 279 are RWU No. 237 (14-25B), No. 239 (41-35B) and No. 240 (12-36B). The cement top in No. 237 is at ± 2550'. Fairly good bonding is indicated from ± 5650' to ± 4250', which is 950' above the top perforation. Above ± 4250', the bond is of fair quality with several poorly bonded sections. The cement top in No. 239 is at ± 3200'. The CBL shows a good bond from ± 4300' to TD, with a generally poor bond above ± 4300'. The top of the perforated inverval in this well is 5199'. The bond log for No. 240 indicates good bonding from the cement top at ± 2500' to TD.



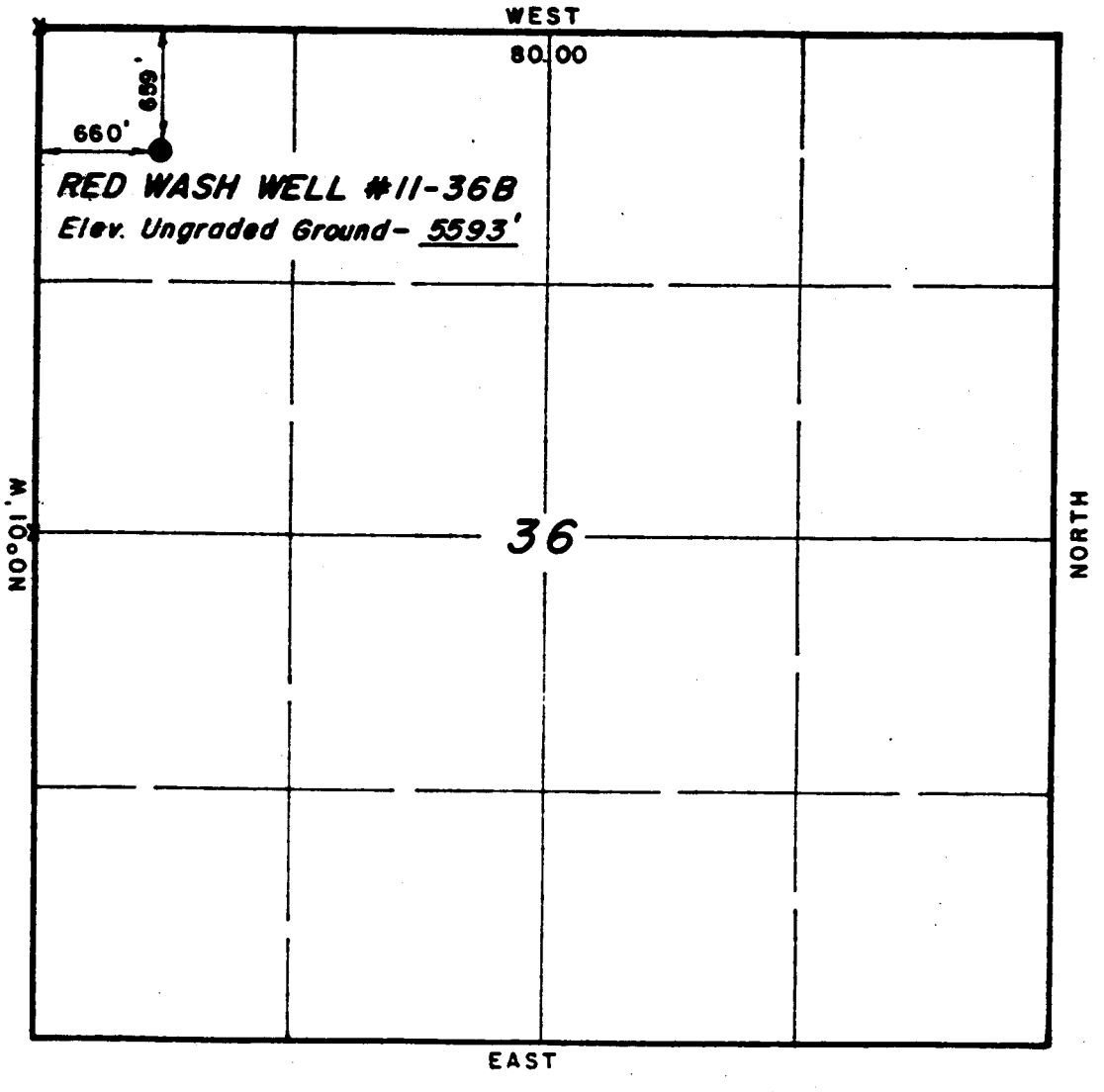
Red Wash Unit No. 279 (11-36B)
Wellbore Schematic

Chevron U.S.A. Inc.

DATE - 5/19/83

SCALE - None

T 7 S, R 23 E, S.L.B.&M.



X = Section Corners Located

NOTE - LOCATION TO DRILL TO REQUESTED LOCATION: S7°36'30"E - 0.547'

PROJECT

CHEVRON U.S.A., INC.

Well location, *Red Wash Well #11-36*, located as shown in the NW 1/4 NW 1/4, Section 36, T7S, R23E, S.L.B.&M., Uintah County, Utah.

NOTE:

Elev. Ref. Pt. S85°47'58"E - 225' = 5596.20'
" " -275' = 5596.87'
" S 4°12'02"W - 200' = 5594.36'
" " -250' = 5595.87'

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.

REGISTERED LAND SURVEYOR
REGISTRATION Nº 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P O BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6/15/81
PARTY NJM, HM, BW RS	REFERENCES GLO PLAT
WEATHER	FILE

Baroid
NL Baroid NL Industries, Inc.
P O Box 1675 Houston, Texas 77001

BAROID TREATING CHEMICALS

WATER ANALYSIS REPORT

SHEET NUMBER

DATE: 9/21/82

COMPANY: Chevron, U.S.A., Inc.

FIELD: Red Wash Field

COUNTY OR PARISH: Uintah

STATE: Utah

LEASE OR UNIT

WELL(S) NAME OR NO.: 14-22A

WATER SOURCE (FORMATION)

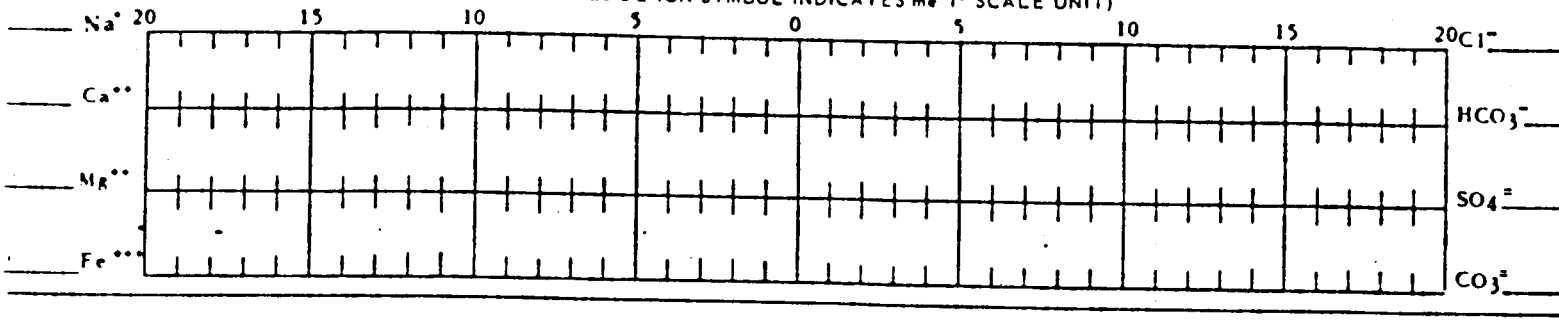
DEPTH, FT.	BHT, F	SAMPLE SOURCE	TEMP, F	WATER, BBL DAY	OIL, BBL DAY	GAS, MMCF DAY
		Well Head				

DATE SAMPLED: 9/20/82

TYPE OF WATER: [X] PRODUCED [ ] SUPPLY [ ] WATERFLOOD [ ] SALT WATER DISPOSAL

WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES me l* SCALE UNIT)



DISSOLVED SOLIDS

CATIONS	me l*	mg l*
Total Hardness	5.1	--
Calcium, Ca++	3.6	72.8
Magnesium, Mg++	1.5	18.3
Iron (Total) Fe+++	0.1	1.3
Barium, Ba++	N/A	N/A
Sodium, Na (calc.)	385.0	8855.0
ANIONS		
Chloride, Cl	281.7	10000.0
Sulfate, SO_4	4.3	205.0
Carbonate, CO_3	0	0
Bicarbonate, HCO_3	103.2	6295.2
Hydroxyl, OH	0	0
Sulfide, S^-	1.0	16.0

DISSOLVED GASES

Hydrogen Sulfide, H_2S	17.0 mg l*
Carbon Dioxide, CO_2	325.0 mg l*
Oxygen, O_2	N/A mg l*

PHYSICAL PROPERTIES

pH	6.7
Eh (Redox Potential)	MV
Specific Gravity	
Turbidity, JTU Units	
Total Dissolved Solids (calc.)	25463.6 mg l*
Stability Index @ F	
@ F	
$CaSO_4$ Solubility @ F	mg l*
@ F	mg l*
Max. $CaSO_4$ Possible (calc.)	mg l*
Max. $BaSO_4$ Possible (calc.)	mg l*
Residual Hydrocarbons	ppm (Vol. Vo

SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide [ ] Iron Oxide [ ] Calcium Carbonate [ ] Acid Insoluble [ ]

REMARKS AND RECOMMENDATIONS:

*NOTE: me l and mg l are commonly used interchangeably for epm and ppm respectively. Where epm and ppm are used, corrections should be made for specific gravity.

Mike Whittington	810	ADDRESS: Vernal, Utah	OFFICE PHONE: 789-2069	

Baroid
NL Baroid/NL Industries, Inc.
P O Box 1675, Houston, Texas 77001

BAROID TREATING CHEMICALS

WATER ANALYSIS REPORT

SHEET NUMBER

COMPANY: Chevron, U.S.A., Inc.

DATE: 9/21/82

FIELD: Red Wash Field

COUNTY OR PARISH: Uintah

STATE: Utah

LEASE OR UNIT

WELL(S) NAME OR NO.: 32-24A

WATER SOURCE (FORMATION)

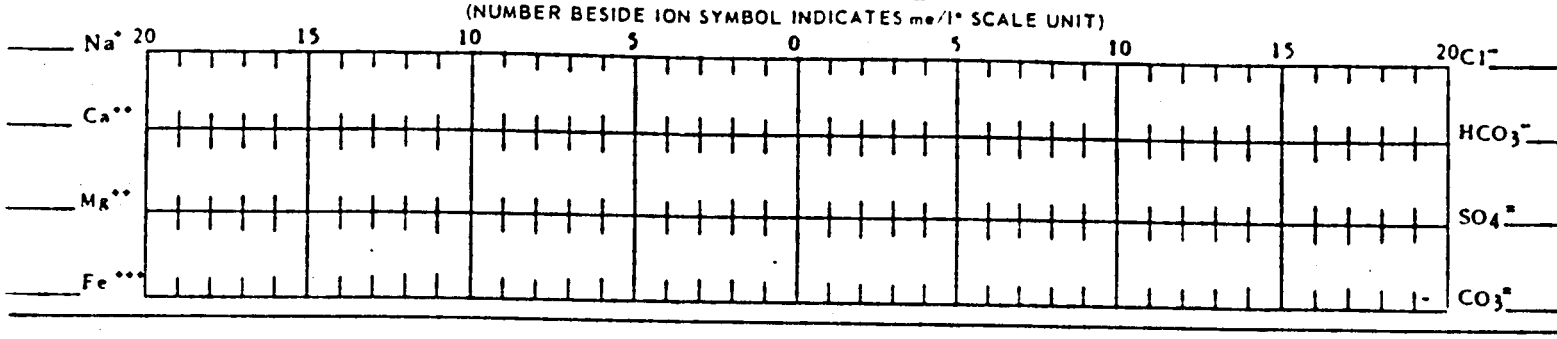
DEPTH, FT.	BHT, F	SAMPLE SOURCE	TEMP, F	WATER, BBL/DAY	OIL, BBL/DAY	GAS, MMCF DAY
		Well Head				

DATE SAMPLED: 9/21/82

TYPE OF WATER: [X] PRODUCED [ ] SUPPLY [ ] WATERFLOOD [ ] SALT WATER DISPOS

WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES me/l* SCALE UNIT)



DISSOLVED SOLIDS

CATIONS	me/l*	mg/l*
Total Hardness	4.0	--
Calcium, Ca++	2.3	46.4
Magnesium, Mg++	1.7	20.7
Iron (Total) Fe+++	0.1	2.1
Barium, Ba++	N/A	N/A
Sodium, Na (calc.)	362.2	8331.5
ANIONS		
Chloride, Cl	312.7	11100.0
Sulfate, SO4	4.3	208.0
Carbonate, CO3	0	0
Bicarbonate, HCO3	48.4	2952.4
Hydroxyl, OH	0	0
Sulfide, S=	0.9	15.1

DISSOLVED GASES

Hydrogen Sulfide, H_2S	16.0	mg/l*
Carbon Dioxide, CO_2	45.0	mg/l*
Oxygen, O_2	N/A	mg/l*

PHYSICAL PROPERTIES

pH	6.2	
Eh (Redox Potential)		MV
Specific Gravity		
Turbidity, JTU Units		
Total Dissolved Solids (calc.)	22675.2	mg/l*
Stability Index @ ___ F		
@ ___ F		
$CaSO_4$ Solubility @ ___ F		mg/l*
@ ___ F		mg/l*
Max. $CaSO_4$ Possible (calc.)		mg/l*
Max. $BaSO_4$ Possible (calc.)		mg/l*
Residual Hydrocarbons		ppm(Vol Vo

SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide [ ] Iron Oxide [ ] Calcium Carbonate [ ] Acid Insoluble [ ]

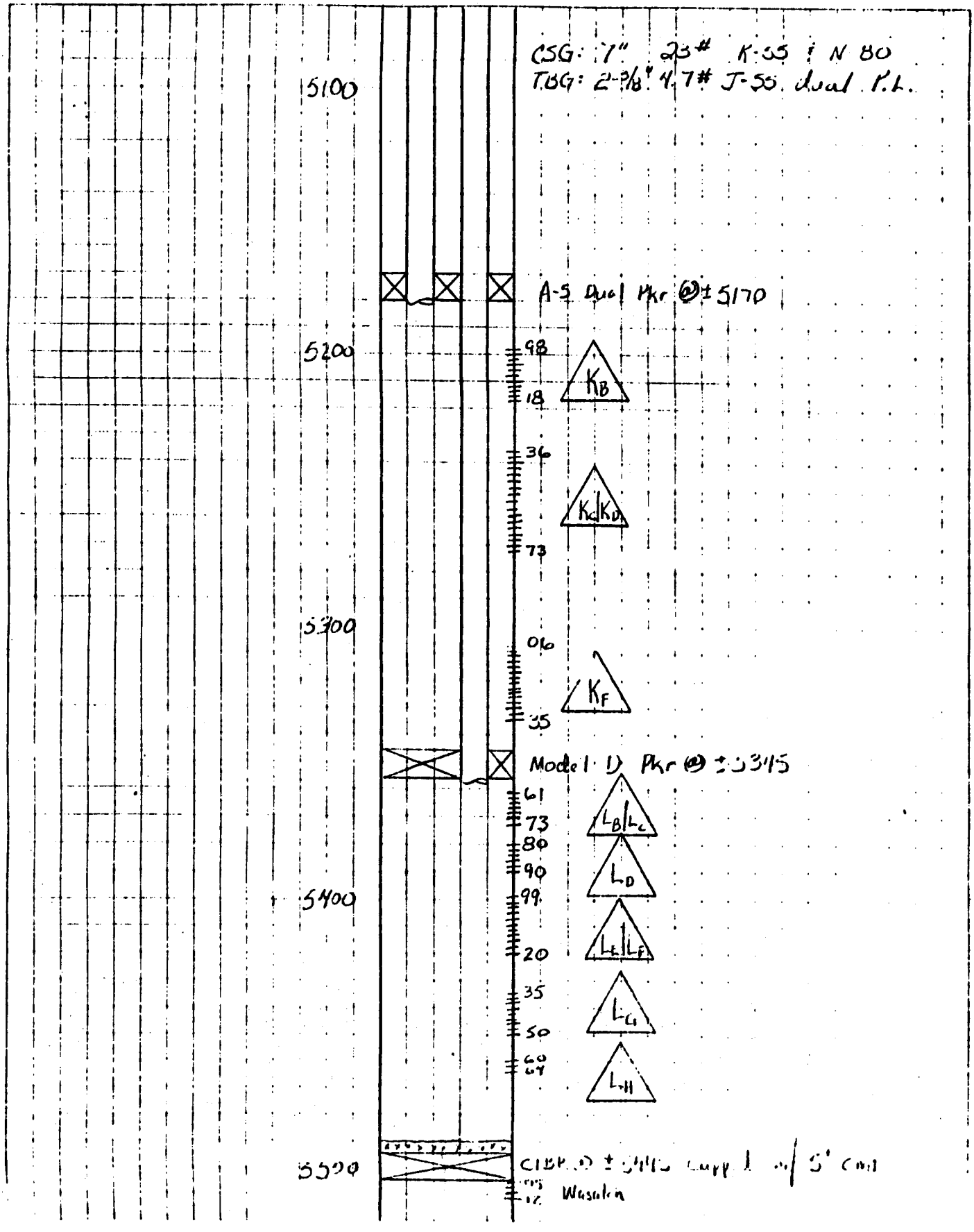
REMARKS AND RECOMMENDATIONS:

*NOTE: me/l and mg/l are commonly used interchangeably for epm and ppm respectively. Where epm and ppm are used, corrections should be made for specific gravity.

Mike Whittington	810	Vernal, Utah	789-2069	

CALCULATION SHEET
Chevron U.S.A. Inc.

Title: RWU No. 279(11-36B) - Wellbore Schematic
Post - Workover



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

RECEIVED
MAY 27 1983
DIVISION OF OIL, GAS & MINING

IN THE MATTER OF THE APPLICATION OF
Chevron U.S.A. Inc.
ADDRESS P. O. Box 599
Denver, CO ZIP 80201
INDIVIDUAL ___ PARTNERSHIP ___ CORPORATION X
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE RWU No. 279 WELL
SEC. 36 TWP. 7S RANGE 23E
Uintah COUNTY, UTAH

CAUSE NO. UIC-021

ENHANCED RECOVERY INJ. WELL ☒
DISPOSAL WELL ☐

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: State	Well No.: 279 (11-36B)	Field: Red Wash	County: Uintah
Location of Enhanced Recovery Injection or Disposal Well: NW¼ NW¼	Sec. 36	Twp. 7S	Rge. 23E
New Well To Be Drilled: Yes ☐ No ☒	Old Well To Be Converted: Yes ☒ No ☐	Casing Test: Yes ☒ No ☐ Date 4-12-82	
Depth-Base Lowest Known Fresh Water Within ½ Mile: 2700	Does Injection Zone Contain Oil-Gas-Fresh Water Within ½ Mile: YES ☒ NO ☐	State What: oil & gas	
Location of Injection Source(s): produced water	Geologic Name(s) and Depth of Source(s): Green River 4500-5600		
Geologic Name of Injection Zone: Green River	Depth of Injection Interval: 5198 to 5464		
a. Top of the Perforated Interval: 5198	b. Base of Fresh Water: 2700	c. Intervening Thickness (a minus b): 2498	

Is the intervening thickness sufficient to show fresh water will be protected without additional data? (YES) NO

Lithology of Intervening Zones: sand-shale

Injection Rates and Pressures
Maximum = 2500 B/D, Working = 800 B/D
Maximum = 3000 psi, Working = 2000 PSI

The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent

Bureau of Land Management, State of Utah
1400 University Club Building
136 East South Temple
Salt Lake City, Utah 84111

Terry L Hurst
Applicant

State of Colorado)
County of Denver)

Before me, the undersigned authority, on this day personally appeared _____ 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.

Suscribed and sworn to before me this 23 day of May, 1983

SEAL

My commission expires July 5, 1983.
My business address is:
700 South Colorado Blvd.
Denver, CO 80222

My commission expires

Lois J. Thompson
Notary Public in and for Colorado

(OVER)

FORM DOGM-UIC-1 (continued)

INSTRUCTIONS

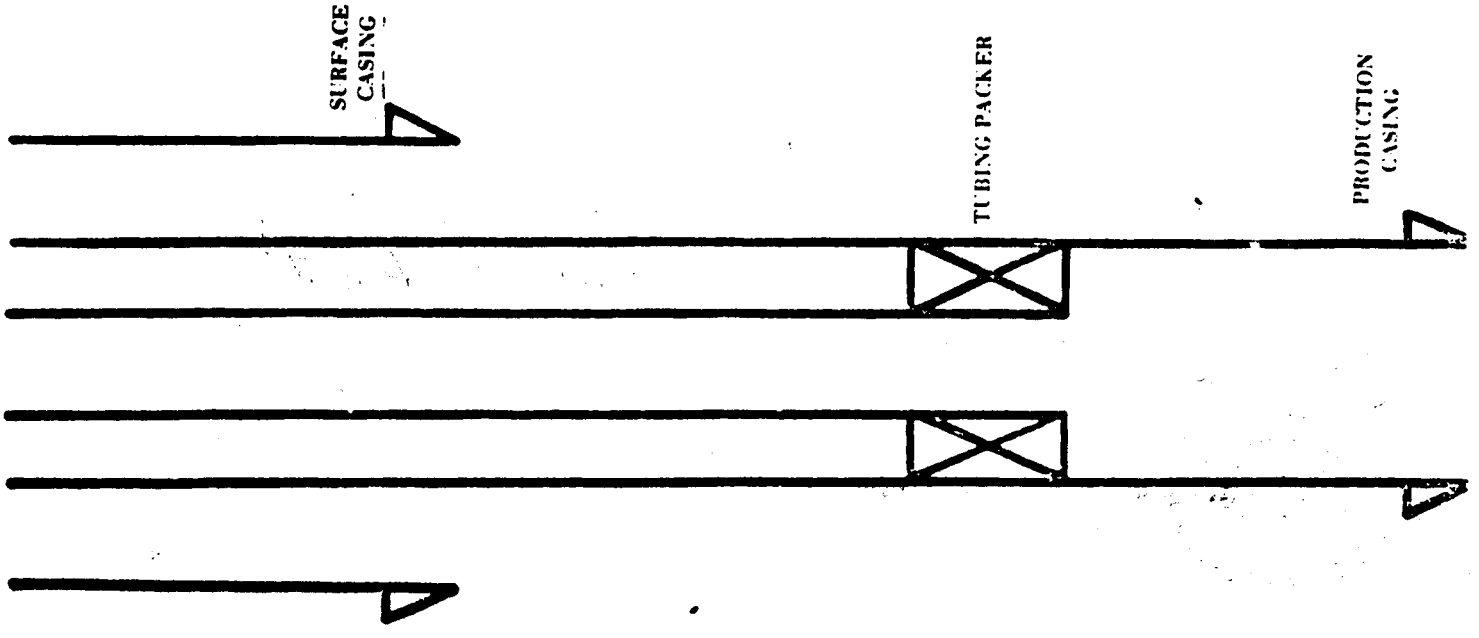
1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.
2. Attach qualitative and quantitative analysis of representative sample of water to be injected.
3. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within ½ 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 ½ 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"	331	200	Surface	Returns
Intermediate					
Production	7"	6102	960	2875	CBL
Tubing	2-3/8"	±5170,±5345	Name - Type - Depth of Tubing Packer: Baker A-5 Dual @ ±5170, Baker D @ ±5345		

Total Depth	Geologic Name - Inj. Zone	Depth - Top of Inj. Interval	Depth - Base of Inj. Interval
6102	Green River	5198	5464

SKETCH OF SURFACE FACILITY



(Rule 1-5 (b) 2

Form UIC-2

(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 43-047-31052

640 Acres N

W E

S

Locate Well Correctly and Outline Lease

COUNTY Uintah SEC. 36 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. 279

DRILLING STARTED 11-12 19 81 DRILLING FINISHED 11-30 19 81

DATE OF FIRST PRODUCTION 4-30-82 COMPLETED 4-28-82

WELL LOCATED NW ¼ NW ¼ ¼

1981 FT. FROM SL OF ¼ SEC. & 660 FT. FROM WL OF ¼ SEC.

ELEVATION DERRICK FLOOR Kelly Bushing 5610 GROUND 5593

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"	36 #/ft	K-55	331	2000	200	-	Surface
7"	23 #/ft	N-80 K-55	6102	1500	960	-	2875

TOTAL DEPTH 6102

PACKERS SET DEPTH ± 5170, ± 5345

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 INTERVALS	5198-5218 5236-5273 5306-5335 5361-5373	5380-5390 5399-5420 5435-5450 5460-5464	5505-5512*
ACIDIZED?	yes-all perforated intervals		
FRACTURE TREATED?	No		

*will be excluded with bridge plug when well is converted to injection

INITIAL TEST DATA

Date	5-5-82		
Oil, bbl./day	123		
Oil Gravity	28		
Gas, Cu. Ft./day	(vented) MCF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	-		
Water-Bbl./day	137		
Pumping or Flowing	pumping		
CHOKE SIZE	-		
FLOW TUBING PRESSURE	Casing 22 psi		

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

Terry L Hurst

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

Telephone 691-7124 Acting Area Supt.

Name and title of representative of company

My commission expires July 5, 1983.

Subscribed and sworn before me this 23 day of May, 19 83.

My business address is

700 South Colorado Blvd.

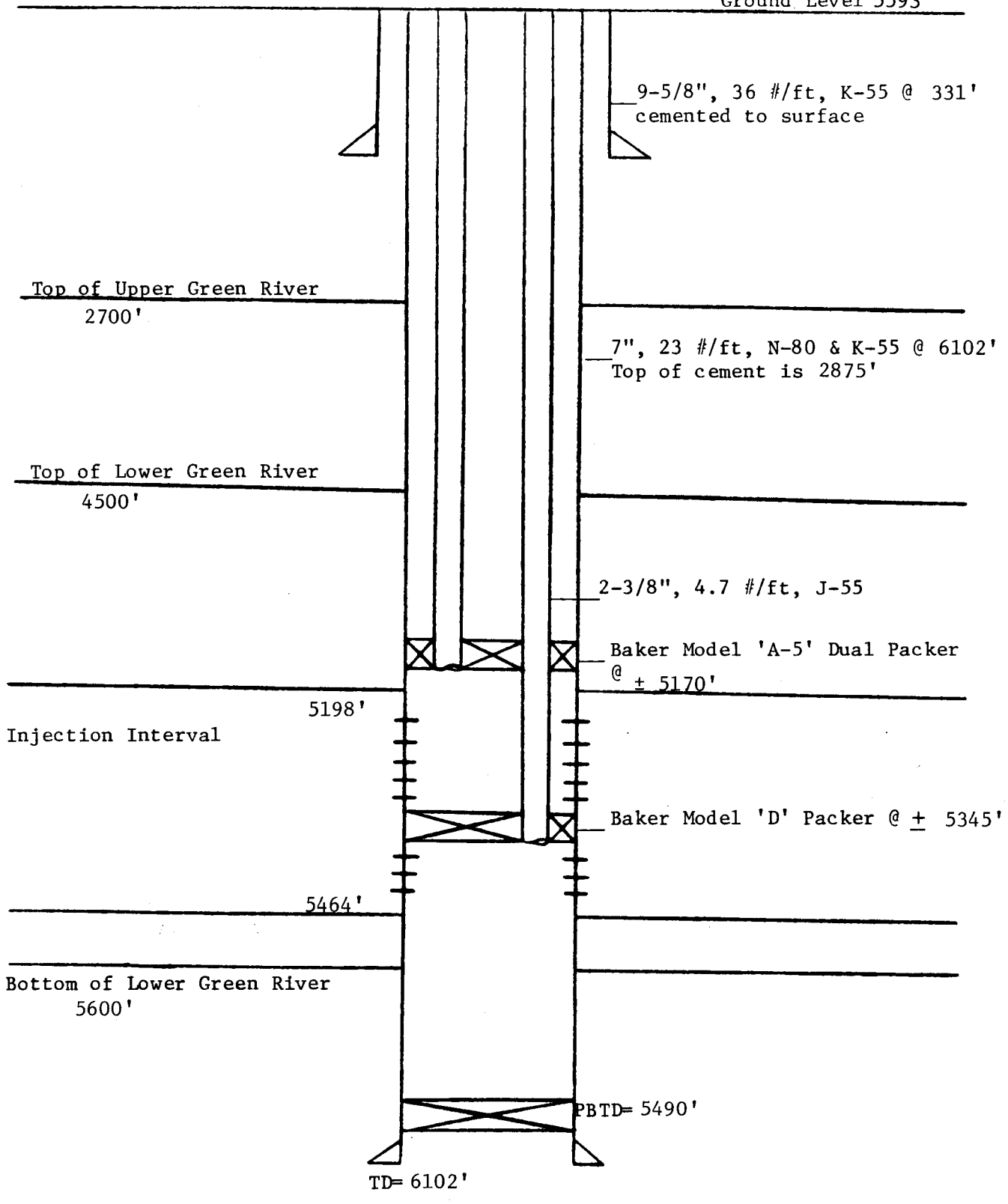
Denver, CO 80222

RED WASH UNIT NO. 279 (11-36B)
CBL SYNOPSIS FOR SUBJECT INJECTION WELL

On March 10, 1982, Schlumberger Well Services ran a cement bond and variable density log on RWU #279. The variable density log indicates fairly good bonding from the cement top at ± 2670' to TD. The amplitude curve reads less than 5 MV with the exception of the region 5200' to 5280'.

RED WASH UNIT NO. 279 (11-36B)
CBL SYNOPSIS FOR OFFSET PRODUCERS

Producing wells offset to RWU No. 279 are RWU No. 237 (14-25B), No. 239 (41-35B) and No. 240 (12-36B). The cement top in No. 237 is at ± 2550'. Fairly good bonding is indicated from ± 5650' to ± 4250', which is 950' above the top perforation. Above ± 4250', the bond is of fair quality with several poorly bonded sections. The cement top in No. 239 is at ± 3200'. The CBL shows a good bond from ± 4300' to TD, with a generally poor bond above ± 4300'. The top of the perforated inverval in this well is 5199'. The bond log for No. 240 indicates good bonding from the cement top at ± 2500' to TD.



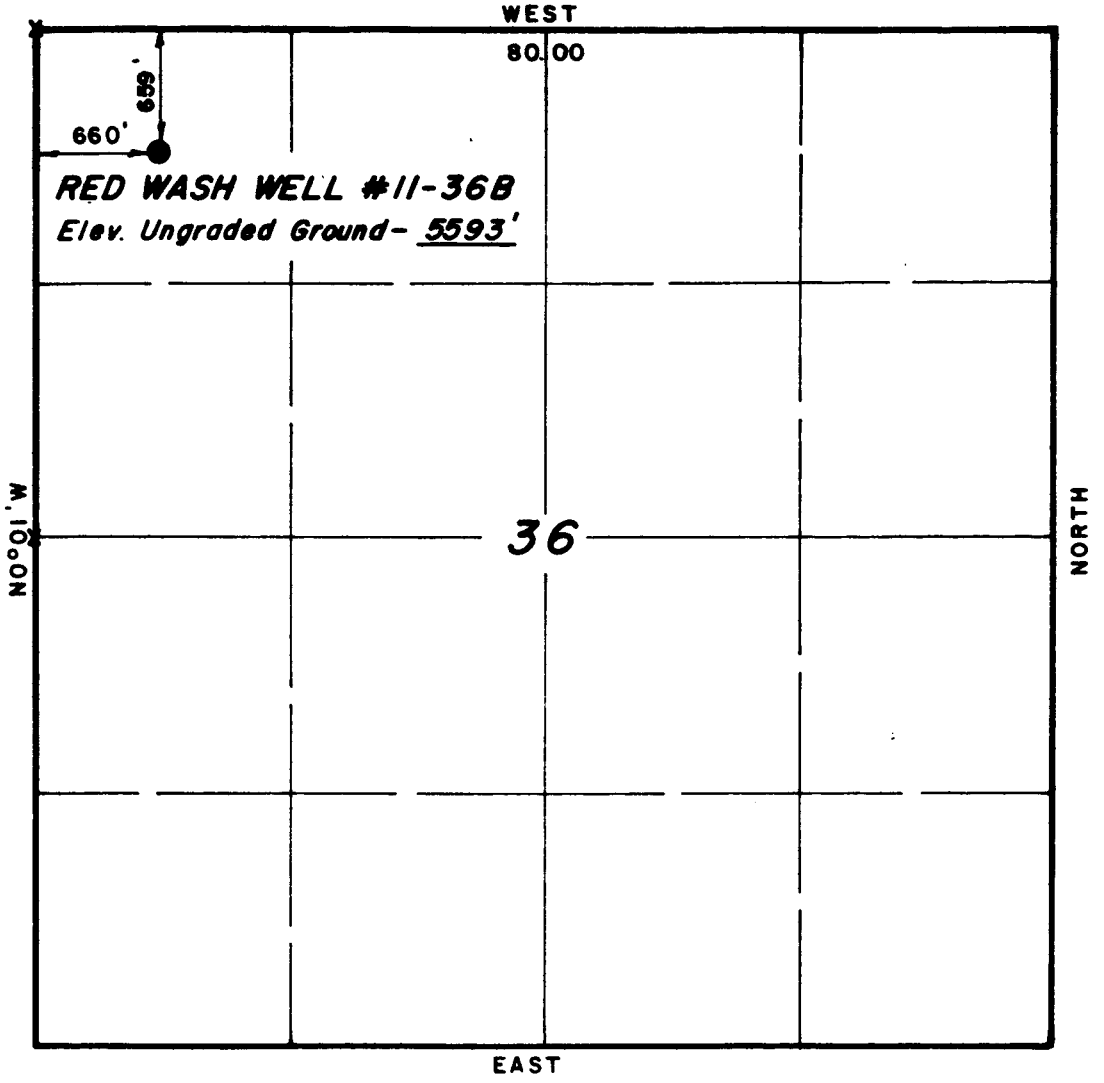
Red Wash Unit No. 279 (11-36B)
Wellbore Schematic

Chevron U.S.A. Inc.

DATE - 5/19/83

SCALE - None

T 7 S, R 23 E, S.L.B.&M.



X = Section Corners Located

NOTE: LOCATION TO DRILL TO REQUESTED LOCATION: S7°36'30"E - 0.547'

PROJECT

CHEVRON U.S.A., INC.

Well location, *Red Wash Well #11-36*, located as shown in the NW 1/4 NW 1/4, Section 36, T7S, R23E, S.L.B.&M., Uintah County, Utah.

NOTE:

Elev. Ref. Pt. S85°47'58"E - 225' = 5596.20'
" " -275' = 5596.87'
" S 4°12'02"W - 200' = 5594.36'
" " -250' = 5595.87'

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.

REGISTERED LAND SURVEYOR
REGISTRATION Nº 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6/15/81
PARTY NJM, HM, BW RS	REFERENCES GLO PLAT
WEATHER FAIR, HOT	FILE CHEVRON

NL Baroid NL Industries, Inc.
P O Box 1675 Houston, Texas 77001

BAROID TREATING CHEMICALS

WATER ANALYSIS REPORT

SHEET NUMBER

COMPANY: Chevron, U.S.A., Inc.

DATE: 9/21/82

FIELD: Red Wash Field

COUNTY OR PARISH: Uintah

STATE: Utah

LEASE OR UNIT

WELL(S) NAME OR NO.: 14-22A

WATER SOURCE (FORMATION)

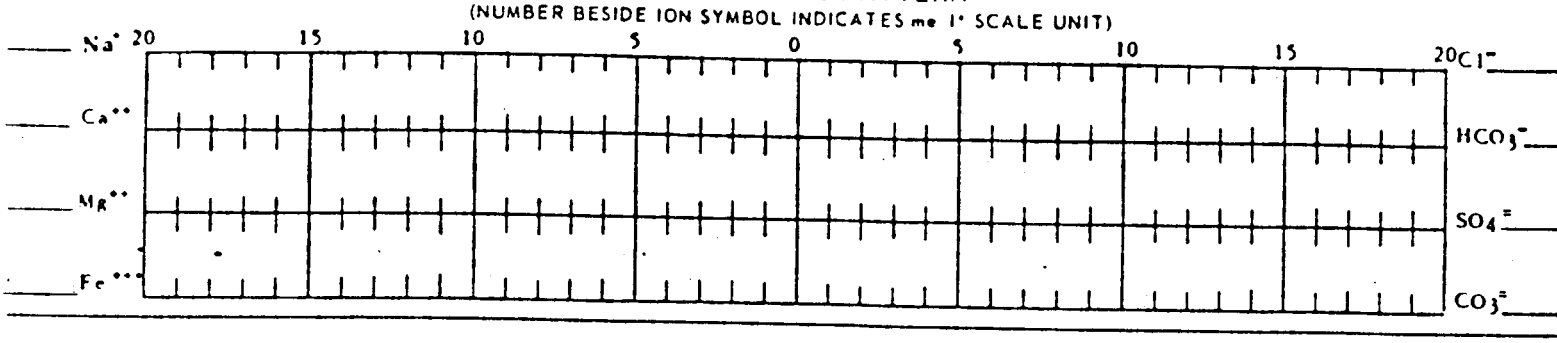
DEPTH, FT.	BHT, F	SAMPLE SOURCE	TEMP, F	WATER, BBL DAY	OIL, BBL DAY	GAS, MMCF DAY
		Well Head				

DATE SAMPLED: 9/20/82

TYPE OF WATER: [X] PRODUCED [ ] SUPPLY [ ] WATERFLOOD [ ] SALT WATER DISPOS

WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES me l* SCALE UNIT)



DISSOLVED SOLIDS

CATIONS	me l*	mg l*
Total Hardness	5.1	--
Calcium, Ca++	3.6	72.8
Magnesium, Mg++	1.5	18.3
Iron (Total) Fe+++	0.1	1.3
Barium, Ba++	N/A	N/A
Sodium, Na (calc.)	385.0	8855.0
ANIONS		
Chloride, Cl	281.7	10000.0
Sulfate, SO_4	4.3	205.0
Carbonate, CO_3	0	0
Bicarbonate, HCO	103.2	6295.2
Hydroxyl, OH	0	0
Sulfide, S=	1.0	16.0

DISSOLVED GASES

Hydrogen Sulfide, H_2S	17.0 mg l*
Carbon Dioxide, CO_2	325.0 mg l*
Oxygen, O_2	N/A mg l*

PHYSICAL PROPERTIES

pH	6.7
Eh (Redox Potential)	MV
Specific Gravity	
Turbidity, JTU Units	
Total Dissolved Solids (calc.)	25463.6 mg l*
Stability Index @ F	
@ F	
$CaSO_4$ Solubility @ F	mg l*
@ F	mg l*
Max. $CaSO_4$ Possible (calc.)	mg l*
Max. $BaSO_4$ Possible (calc.)	mg l*
Residual Hydrocarbons	ppm (Vol Vo

SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide ☐ Iron Oxide ☐ Calcium Carbonate ☐ Acid Insoluble ☐

REMARKS AND RECOMMENDATIONS:

*NOTE: me l and mg l are commonly used interchangeably for epm and ppm respectively. Where epm and ppm are used, corrections should be made for specific gravity.

ANALYST		ADDRESS	OFFICE PHONE	
Mike Whittington	810	Vernal, Utah	789-2069	

Baroid
NL Baroid/NL Industries, Inc.
P O Box 1675, Houston, Texas 77001

BAROID TREATING CHEMICALS

WATER ANALYSIS REPORT

SHEET NUMBER

COMPANY: Chevron, U.S.A., Inc.

DATE: 9/21/82

FIELD: Red Wash Field

COUNTY OR PARISH: Uintah

STATE: Utah

LEASE OR UNIT:

WELL(S) NAME OR NO.: 32-24A

WATER SOURCE (FORMATION):

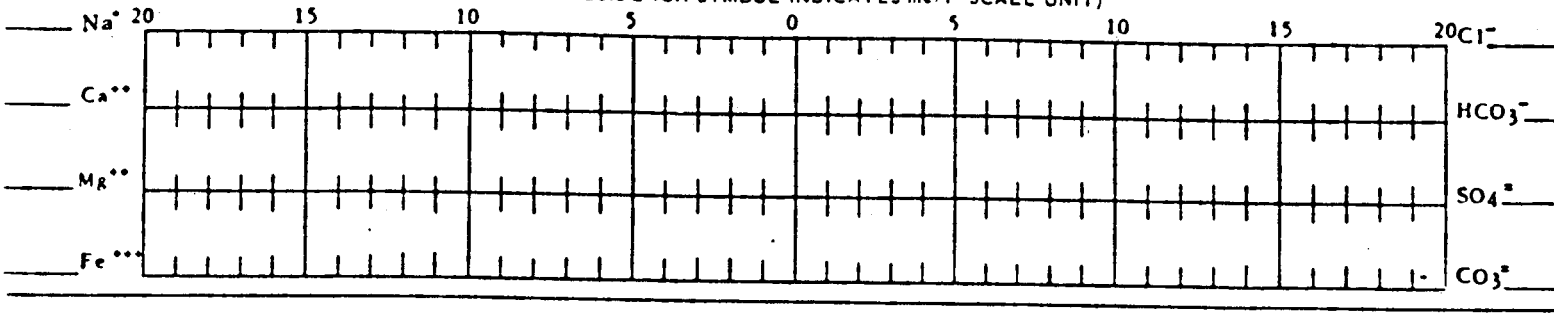
DEPTH, FT.	BHT, F	SAMPLE SOURCE	TEMP, F	WATER, BBL/DAY	OIL, BBL/DAY	GAS, MMCF/DAY
		Well Head				

DATE SAMPLED: 9/21/82

TYPE OF WATER: [X] PRODUCED [ ] SUPPLY [ ] WATERFLOOD [ ] SALT WATER DISPOS

WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES me/l* SCALE UNIT)



DISSOLVED SOLIDS

CATIONS	me/l*	mg/l*
Total Hardness	4.0	--
Calcium, Ca++	2.3	46.4
Magnesium, Mg++	1.7	20.7
Iron (Total) Fe+++	0.1	2.1
Barium, Ba++	N/A	N/A
Sodium, Na (calc.)	362.2	8331.5
ANIONS		
Chloride, Cl	312.7	11100.0
Sulfate, SO4	4.3	208.0
Carbonate, CO3	0	0
Bicarbonate, HCO3	48.4	2952.4
Hydroxyl, OH	0	0
Sulfide, S=	0.9	15.1

DISSOLVED GASES

Hydrogen Sulfide, H_2S	16.0 mg/l*
Carbon Dioxide, CO_2	45.0 mg/l*
Oxygen, O_2	N/A mg/l*

PHYSICAL PROPERTIES

pH	6.2
Eh (Redox Potential)	MV
Specific Gravity	
Turbidity, JTU Units	
Total Dissolved Solids (calc.)	22675.2 mg/l*
Stability Index @ F	
@ F	
$CaSO_4$ Solubility @ F	mg/l*
@ F	mg/l*
Max. $CaSO_4$ Possible (calc.)	mg/l*
Max. $BaSO_4$ Possible (calc.)	mg/l*
Residual Hydrocarbons	ppm(Vol Va

SUSPENDED SOLIDS (QUALITATIVE)

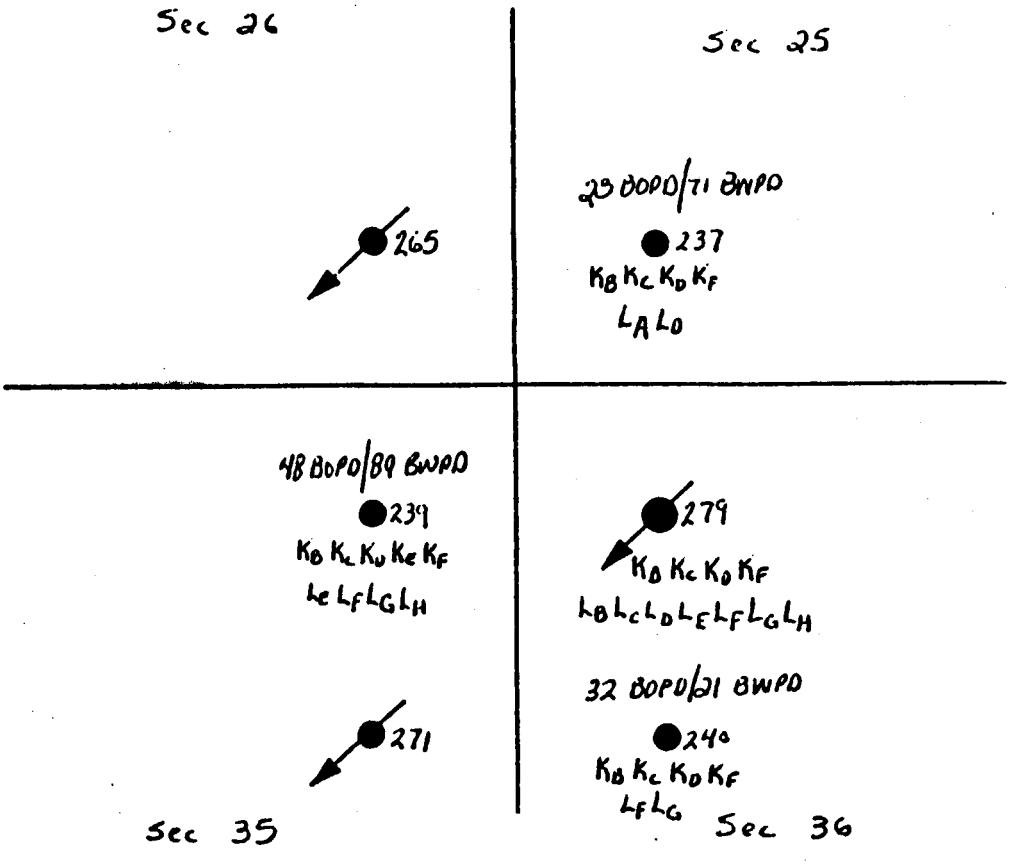
Iron Sulfide [ ] Iron Oxide [ ] Calcium Carbonate [ ] Acid Insoluble [ ]

REMARKS AND RECOMMENDATIONS:

*NOTE: me/l and mg/l are commonly used interchangeably for epm and ppm respectively. Where epm and ppm are used, corrections should be made for specific gravity.

Mike Whittington	810	Vernal, Utah	789-2069	
		CUSTOMER ENGINEER OR	AREA OR DISTRICT OFFICE	

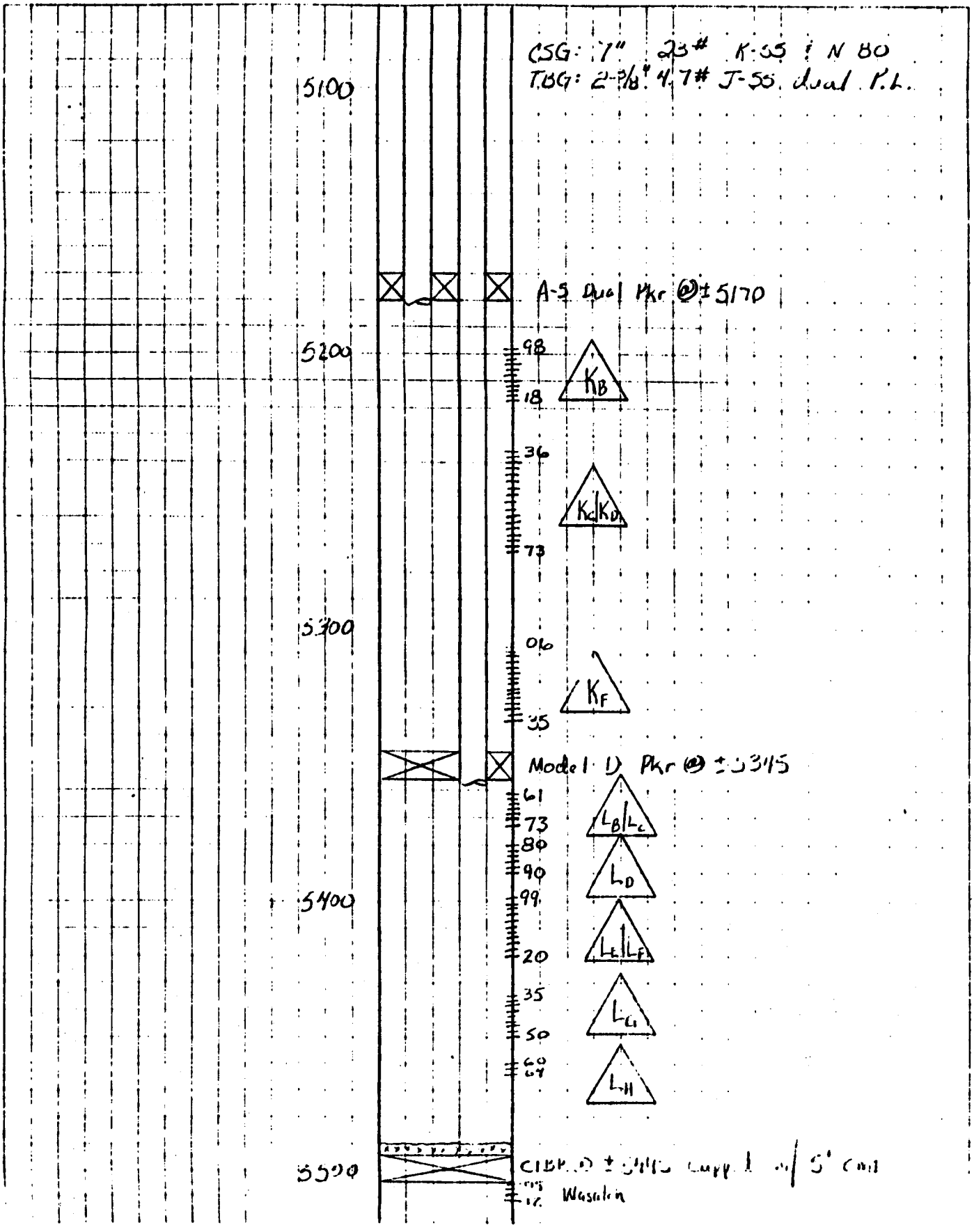
ED WASH UNIT
FIVE SPOT AREA



CALCULATION SHEET
Chevron U.S.A. Inc.

Title: RWU No. 279 (11-36B) - Wellbore Schematic
Location:
Department:
Project Number:

Host - Workover



Form OGC-1b

SUBMIT IN TRIPLICATE* (Other 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.)

1. OIL WELL [X] GAS WELL [ ] OTHER

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: 659' FNL & 660' FWL (NWNW)

5. LEASE DESIGNATION AND SERIAL NO.: State

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Red Wash

8. FARM OR LEASE NAME:

9. WELL NO.: 279 (11-36B)

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 36, T7S, R23E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 5610'

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 COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) Convert to Water Injection	[X]			(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 convert this oil well to a Water Injection Well as per the attached procedure.

An application to convert well to an Enhanced Recovery Injection Well has been forwarded to the State of Utah, Division of Oil, Gas and Mining.

3-State
3-BLM
3-Partners
1-JAH
1-Sec. 723
1-LJT
1-File

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 7/7/83
BY:

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

SIGNED J. J. Johnson TITLE Engineering Assistant DATE June 1, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RWU NO. 279 (11-36B)
RED WASH/FIVE SPOT

Location

NW¼ NW¼, 659' FNL & 660' FWL, Sec. 36, T7S, R23E
Uintah County, Utah

Lease Number

U-0566

Elevation

GL 5593
KB 5610

Depth

TD 6103
PBTD 5977

Casing Detail

1.50	Dowell Float Shoe
83.93	2 jts 7" 23 # N-80
2.00	Dowell Float Collar
300.67	27 jts 7" 23# N-80
5717.95	122 jts 7" 23# K-55
6106.05	Total
-4.00	Cut off
6102.05	Casing Landed

RWU NO. 279 (11-36B)
RED WASH/FIVE SPOT

History

Completed 4/82 as a temporary producer, ultimately to be a water injector
Perforated 5198-218, 5236-73, 5306-35, 5361-73, 5380-90, 5399-420, 5435-50, 5460-64, 5505-12 w/ 2 CJPF.
Acidized all perfs
Blank 5273-5306 communicated
Initial Production - 72 BOPD/94 BWPD/132 Mcf/D

Current Status

Producing 24 BOPD/24 BWPD/67 Mcf/D

Tbg Detail

KB	17.50
15,000 # Tension	1.30
BWH	1.00
167 jts tbg	5139.70
BAC	2.35
12 jts tbg	368.18
PSN	1.10
Slotted Anchor	31.30
	5562.43

Rod Detail

1 - 1-1/2" x 22' PR
2 - 1" x 4' Pony rods
55 - 1" x 25' Rods
58 - 7/8" x 25' Rods
99 - 3/4" x 25' Rods
1 - 2-1/2" x 1-3/4" x 12' x 14-1/2'
3 cup top hole down RHAC #288

RWU NO. 279 (11-36B)
RED WASH/FIVE SPOT
MAY 19, 1983

Recompletion Procedures

1. MIR & RU.
2. POOH w/ rods and pump.
3. ND tree. NU BOPE and test same.
4. POOH w/ tubing.
5. CO to PBTD.
6. Set CICR @ ±5495. Sting into retainer and squeeze Wasatch perfs 5505-12 as specified by Denver Drilling. Leave 5' cmt on top of retainer.
7. Pressure test casing above top perf to 1000 psi. Repair as necessary.
8. Isolate L_G, L_H perfs 5435-64 and pump produced water @ 1000-1200 psi. If rate is less than ½ BPM, acidize as specified by Denver.
9. Repeat Step 8 for L_B/L_C, L_D, L_E/L_F perfs 5361-5420. Check for communication across blank 5335-61.
10. Repeat Step 8 for K_F perfs 5306-35. Note that blank 5273-5306 communicates.
11. Repeat Step 8 for K_C/K_D perfs 5236-73.
12. Repeat Step 8 for K_B perfs 5198-218.
13. RIH w/ dual injection string. Set single string packer @ ±5345 and dual packer @ ±5170. Circulate packer fluid and freeze blanket into place. Pressure test casing and top packer to 1000 psi.
14. Turn well over to RW Production.

Note: If acid is necessary, use 15% HCl w/ 10 gal/M FE-1A, 50 gal/M Parasperse, 2 gal/M Tri-S, 5 gal/M HC-2, 50 #/M Spacer Sperse, and 2 gal/M HAI-55. Acid volumes will be specified by Denver.

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

June 14, 1983

Newspaper Agency Corp.
143 South Main
Salt Lake City, UT

Re: Cause No. UIC-021

Gentlemen:

Attached hereto is a Notice of Application for Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources and Energy, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 21st day of June. In the event that said notice cannot be published by this date, please notify this office immediately by calling 533-5771.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Marjie Larson

MARJIE LARSON
Secretary of the Board

Attachment

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

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

June 14, 1983

Vernal Express
Legal Advertising
Vernal, Utah 84078

Re: Cause No. UIC-021

Gentlemen:

Attached hereto is a Notice of Application for Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources and Energy, State of Utah.

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Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Marjie Larson

MARJIE LARSON
Secretary of the Board

Attachment

CAUSE NO. UIC-021

Notice was sent to the following:

Newspaper Agency Corp.
Vernal Express

Chevron USA, Inc.
P.O. Box 599
Denver, CO 80201

Ut. Dept. of Health
Bureau of Water Pollution Control
Attn: Jerry Riding
Room 410
150 West North Temple
Salt Lake City, UT 84103

Bureau of Land Management
P.O. Box 970
Moab, UT 84532

Bureau of Land Management
1400 University Club Building
135 East South Temple
Salt Lake City, UT

Minerals Management Service
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

U.S. Environmental Protection Agency
Attn: Mike Strelby
1860 Lincoln Street
Denver, CO 80295

Division of State Lands
3100 State Office Building
Salt Lake City, UT 84114

June 14, 1983

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

IN THE MATTER OF THE APPLICATION OF CHEVRON USA INC., FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO A WELL LOCATED IN SECTION 36, TOWNSHIP 7 SOUTH, RANGE 23 EAST, UINTAH COUNTY, UTAH.	)	CAUSE NO. UIC-021

THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS, PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS, PARTICULARLY IN UINTAH COUNTY, UTAH:

NOTICE IS HEREBY GIVEN that Chevron USA, Inc., 700 South Colorado Blvd., P.O. Box 599, Denver, Colorado 80201, is requesting that the Division authorize the approval to convert the well mentioned below, to a water injection well as follows:

Township 7 South, Range 23 East

WELL #279 (11-36B)

NW NW

INJECTION ZONE: Green River Formation 5198' to 5464'

MAXIMUM INJECTION PRESSURE: 3,000 psi, Working 2,000 psi

MAXIMUM INJECTION RATE: 2,500 barrels of water per day, working at 2,000 BW/D

This application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections if any, should be mailed to: Division of Oil, Gas and Mining, Room 4241 State Office Building, Salt Lake City, Utah 84114.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

Marjie Larson
Secretary of the Board

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

IN THE MATTER OF THE APPLICATION OF CHEVRON USA INC., FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO A WELL LOCATED IN SECTION 36, TOWNSHIP 7 SOUTH, RANGE 23 EAST, UINTAH COUNTY, UTAH

CAUSE NO.
UIC-021

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STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING

MARJIE LARSON
Secretary of the Board

Published in the Vernal Express June 17, 1983.

PROOF OF PUBLICATION

STATE OF UTAH, } ss.
County of Uintah }

I, Shelly Powell,

being duly sworn, depose and say, that I am the Business Manager of The Vernal Express, a semi-weekly newspaper of general circulation, published twice each week at Vernal, Utah, that the notice attached hereto was published in said newspaper

for. . one . . . . . cosecutive publications,

the first publication having been made on

the 17th day of June, 19 83

and the last on the ..... day of

....., 19....., that said notice

was published in the regular and entire issue of every number of the paper during the period and times of publication, and the same was published in the newspaper proper and not in a supplement.

By Shelly Powell
Manager

Subscribed and sworn to before me,

this 17th day of June

A. D. 19 83.

Jack R. Walls
Notary Public, Residence, Vernal, Utah

My Commission expires June 16, 1985

RECEIVED
JUN 23 1983
DIVISION OF
OIL, GAS & MINING

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

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CAUSE NO.
UIC-021

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STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING

MARJIE LARSON
Secretary of the Board

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the first publication having been made on

the 17th day of June, 19 83

and the last on the ..... day of

....., 19....., that said notice

was published in the regular and entire issue of every number of the paper during the period and times of publication, and the same was published in the newspaper proper and not in a supplement.

By Shelly Powell
Manager

Subscribed and sworn to before me,

this 17th day of June

A. D. 19 83.

Jake R. Wells
Notary Public, Residence, Vernal, Utah

My Commission expires June 16 1985

Affidavit of Publication

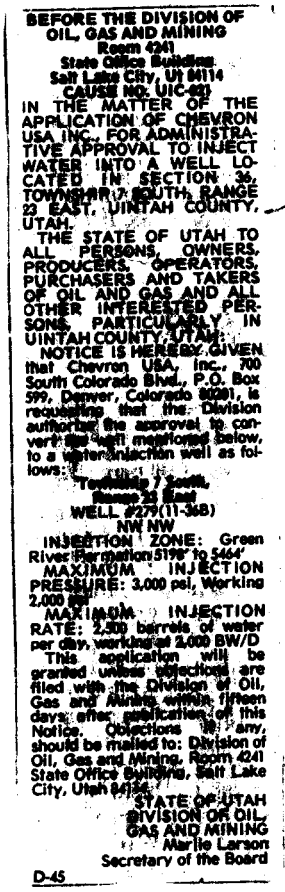
ADM-35B

STATE OF UTAH,

ss.

County of Salt Lake

Cheryl Gierloff



BEFORE THE DIVISION OF OIL, GAS AND MINING
Room 4241
State Office Building
Salt Lake City, Ut 84114
CAUSE NO. UIC-021
IN THE MATTER OF THE APPLICATION OF CHEVRON USA INC., FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO A WELL LOCATED IN SECTION 36, TOWNSHIP 7 SOUTH, RANGE 23 EAST, UINTAH COUNTY, UTAH.
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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
Marlie Larson
Secretary of the Board
D-45

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

Hearing for Case No. UIC-021 in the matter of

the application of Chevron USA Inc.

was published in said newspaper on

June 21, 1983

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 23rd day of June A.D. 19 83

Notary Public

My Commission Expires

July 23, 1986

Affidavit of Publication

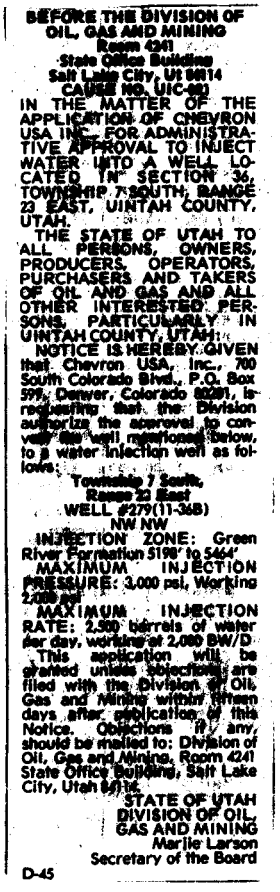
ADM-35B

STATE OF UTAH,

ss.

County of Salt Lake

Cheryl Gierloff



BEFORE THE DIVISION OF OIL, GAS AND MINING
Room 4241
State Office Building
Salt Lake City, Ut 84114
CAUSE NO. UIC-021
IN THE MATTER OF THE APPLICATION OF CHEVRON USA INC. FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO A WELL LOCATED IN SECTION 36, TOWNSHIP 7 SOUTH, RANGE 23 EAST, UINTAH COUNTY, UTAH.
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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
Marlie Larson
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the application of Chevron USA Inc.

was published in said newspaper on

June 21, 1983

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 23rd day of

June A.D. 19 83

Notary Public

My Commission Expires

July 23, 1986

NOTARY PUBLIC
JOYCE L. MARLAR

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

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

July 27, 1983

Chevron USA, Inc.
P.O. Box 599
Denver, CO 80201

Re: Class II Injection Well
Approval
Cause No. UIC-021

Gentlemen:

Please be advised that administrative approval has been granted to inject water into the well mentioned below. This approval is conditional upon adhering to the UIC rules and regulations adopted by the Board of Oil, Gas and Mining and by not exceeding the maximum authorized pressures and rates.

Township 7 South, Range 23 East

Sec. 36, NW NW Well # 279 (11-36B)
Uintah County, Utah

If you have any questions concerning this matter, please do not hesitate to call or write.

Sincerely,

Dr. G.A. (Jim) Shirazi
Director

GS/TP/tp

FORM NO. DOGM-UIC-5
(1981)

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 8414
(801) 533-5771

RECEIVED
OCT 17 1983
DIVISION OF
OIL, GAS & MINING

RULE I-7 (d & e)

NOTICE OF (COMMENCEMENT) (TERMINATION) OF INJECTION
(Circle appropriate heading)

Check Appropriate Classification:

Date of Commencement/ Termination October 13, 1983

Disposal Well ☐

Enhanced Recovery Injection Well ☒

Enhanced Recovery Project ☐

Well Name Red Wash Unit No. 279 (11-36B)

Location: Section 36 Twp. 7S Rng. 23E, County Uintah

Order No. authorizing Injection UIC-021 Date 7/7/83

Zone into Which Fluid Injected Lower Green River Formation

If this is a Notice of Termination of injection, please indicate date well commenced injection. _____

If this is a Notice of Terminition of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval _____

Operator Chevron U.S.A. Inc.

Address P. O. Box 599, Denver, CO 80201

R. H. Wood
Signature

October 13, 1983
Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW
* * * * * * * * *

Operator: Chevron Well No. 279

County: Uintah T 7S R 23E Sec. 36 API# 43-047-31052

New Well ___ Conversion ✓ Disposal Well ___ Enhanced Recovery Well ✓

	YES	NO
UIC Forms Completed	✓	
Plat including Surface Owners, Leaseholders, and wells of available record Redwash unit	✓	
Schematic Diagram	✓	
Fracture Information		✓
Pressure and Rate Control	See unit info	✓
Adequate Geologic Information	See unit info	✓
Fluid Source	Prod. water	
Analysis of Injection Fluid	Yes ✓ No ___ TDS ___	
Analysis of Water in Formation to be injected into	Yes ✓ No ___ TDS ___	
Known USDW in area	Uintah Depth ~2700	
Number of wells in area of review	5 Prod. 4 P&A ___	
	Water ___ Inj. 1	
Aquifer Exemption	Yes ✓ NA ___	
Mechanical Integrity Test	Yes ✓ No ___	
	Date 10/83 Type PT	

Comments: Some of the info. such as press+rate control, fract. info + geologic is similar throughout the unit so refer to other applications, unit file or Rule I-4 package.

Reviewed by: [signature]

Form OGC-1b

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

4

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

5. LEASE DESIGNATION AND SERIAL NO.: State

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 Injection

7. UNIT AGREEMENT NAME: Red Wash

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

8. FARM OR LEASE NAME:

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

9. WELL NO.: 279 (11-36B)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 659' FNL & 660' FWL NWNW

10. FIELD AND POOL, OR WILDCAT: Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 36, T7S, R23E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 5610'

12. COUNTY OR PARISH: Uinta

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 COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Convert to Water Injection			X
(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.) *

Well was converted to water injection on October 1-9, 1983 as follows:

1. MIR & RU. Hot Oiled well. POOH w/rods & pump.
2. ND tree. NU BOPE. POOH w/tbg.
3. RIH w/bit & casing scraper to 5600'
4. RIH with HALCO 7" CICR and set at 5495'.
5. Cement squeezed perfs 5502-5512 w/150 sxs cl "G".
6. Checked for communication.
7. RIH and set Baker Mod. "D" packer at 5345'.
8. RIH w/2-3/8" tubing and Baker A-5 Dual Packer. Hydrotested tubing to 5000 psi. A-5 packer set at 5,170'. Tbg landed at 5352'.
9. RIH w/2-3/8" short string, landed at 5,194', A-5 packer landed at 5,179'.
10. Pressure tested annulus to 1000 psi, pressure tested tree, held okay.
11. RD and turned well over for injection.

Present Status: 10/25/83 600 BWPD injecting @ 1750 psi - short string
650 BWPD injection @ 1750 psi - long s-ring

3-State
3-BLM
1-JAH
3-Partners
1-Sec. 723
1-File

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

SIGNED J.J. Johnson TITLE Engineering Assistant DATE November 16, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

82

UTAH DIVISION OF OIL, GAS AND MINING
CASING-BRADENHEAD TEST

OPERATOR: CHEVRON U.S.A., INC.

FIELD: RED WASH LEASE: STATE

WELL # 11-36B (279) SEC. 36 TOWNSHIP 7S RANGE 23E

STATE FED. FEE DEPTH 6102 TYPE WELL ~~injection~~ MAX. INJ. PRESS. ~~3500 psi~~

TEST DATE 7/12/84

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE	9 5/8"	331	~~200~~			
INTERMEDIATE						
PRODUCTION	7"	6102	~~960~~	~~260 psi~~	~~OK~~	
TUBING	~~2 3/8"~~	~~5170~~	~~PAC~~	~~2360 psi~~	~~OK~~	
TUBING	~~2 3/8"~~	~~5345~~	~~PAC~~	~~2400 psi~~	~~OK~~	

REMARKS:

UTAH DIVISION OF OIL, GAS AND MINING
CASING-BRADENHEAD TEST

OPERATOR: CHEVRON U.S.A., INC.

FIELD: RED WASH LEASE: U-0566

WELL # 11-36B (279) SEC. 36 TOWNSHIP 7S RANGE 23E

STATE FED. FEE DEPTH 6102 TYPE WELL WI MAX. INJ. PRESS. 3000 psi

TEST DATE 9/6/84

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE	9 5/8"	331	200			
INTERMEDIATE						
PRODUCTION	7"	6102	960	400 psi	CTAP*	
TUBING SS	2 3/8"	5170	Pack	2458 psi		
TUBING	2 3/8"	5345	Pack	2460 psi		

REMARKS: Operator reported a casing-tubing annulus pressure ~~of 2280 psi in June. On 7/12/84 CTAP = 260 psi.~~ Well recheck in near future.

562

43-047 - [redacted]

30152

Chevron

Chevron U.S.A. , Inc.

RED WASH

3015-2 SURVEY DATA

RUN NO.	ONE		
Type Survey	TST	B.H.T	121.4°
Date	8-11-87	Surface Temp.	
Inj. Rate	250 B/D S.S.	280 B/D L.S.	
Inj. Press.	1910 PSI S.S.	1910 PSI L.S.	
Pick-up	5490		
Service Co.	PLS		

WELL NO.

RWU 279 (11-36B)

43-013-30152

4

INJECTION - %

0 10 20 30 40 50 60 70 80 90 100

7" 23 LB. CSG. 0-5490
2-3/8" TBG. 0-5190'
2-3/8" TBG. 0-5352'

Temperature Survey

CCL

108°

MANDREL
ORFICE
SIZE

79

90

98

5200

G/R

KB

18

36

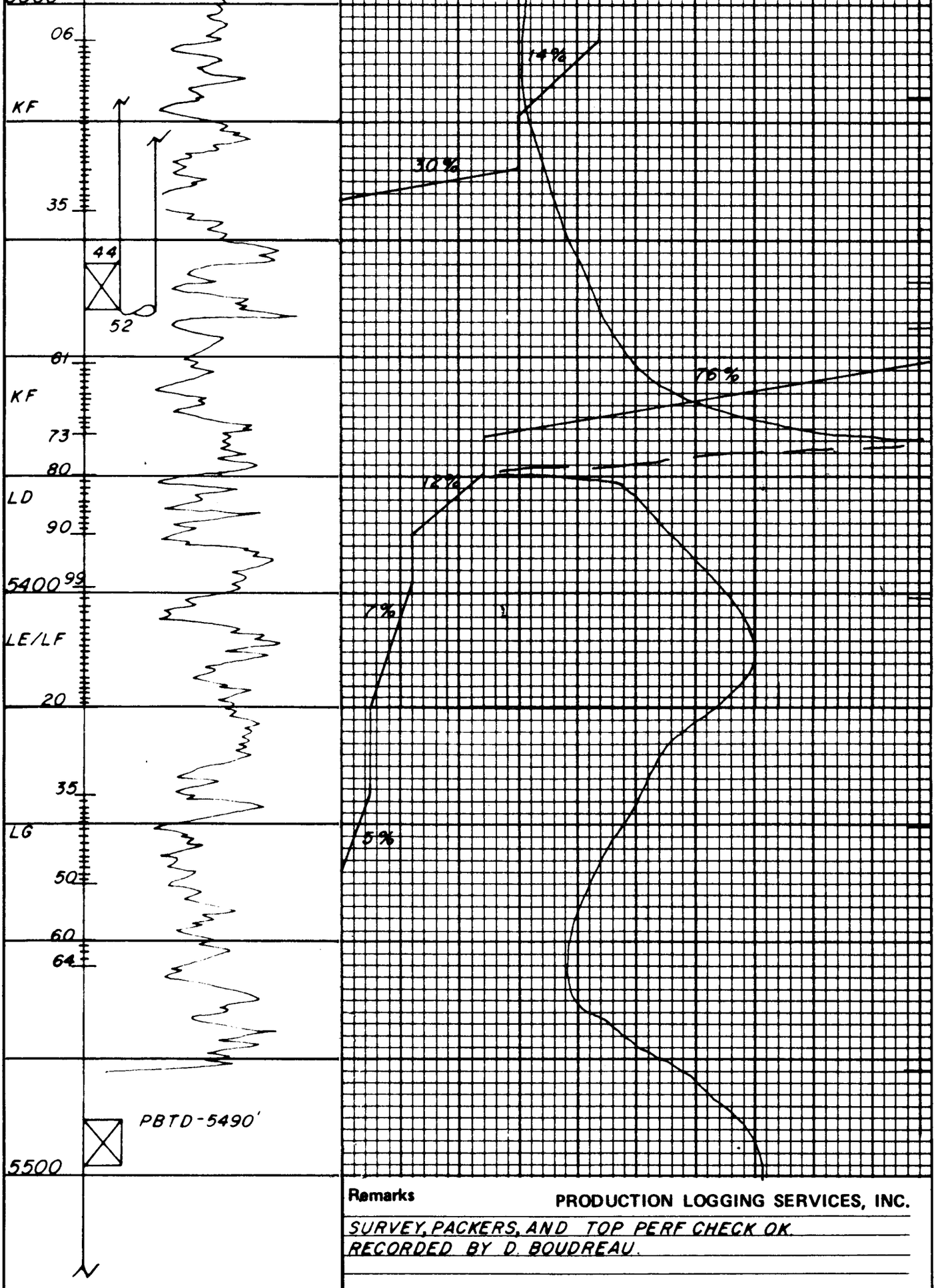
KC/KD

73

21%

19%

16%



Remarks

PRODUCTION LOGGING SERVICES, INC.

SURVEY, PACKERS, AND TOP PERF CHECK OK.
RECORDED BY D. BOUDREAU.

TRACER VELOCITY DATA

SHOT NO.	DEPTH	DISTANCE TRAVELED	TRAVEL TIME	RATE
		LONG STRING		
1	5458'	0'	185 SEC.	0 B/D
2	5420'-5420.5'	.5'	187 SEC.	9 B/D
3	5391'-5392.75'	1.25'	179 SEC.	24 B/D
4	5371'-5373.25'	2.25'	165 SEC.	47 B/D
5	5355'-5364'	9'	156 SEC.	197 B/D
6	5280'-5320'	40'	63 SEC.	211 B/D
	SHOT NO. 6 BOTTOM PACKER CHECK, WAIT 2 MINUTES. BOTTOM PACKER CHECKS OK.			
		SHORT STRING		
7	5212.5'-5217'	4.5'	45 SEC.	292 B/D
8	5217'-5221.75'	4.75'	62 SEC.	224 B/D
9	5221.75'-5227.75'	6'	74 SEC.	237 B/D
10	5227.75'-5233'	5.25'	84 SEC.	183 B/D
11	5233'-5240.75'	6.75'	119 SEC.	166 B/D
12	5240.75'-5253.5'	12.75'	198 SEC.	188 B/D
13	5253.5'-5268'	14.5'	240 SEC.	176 B/D
14	5268'-5278'	10'	231 SEC.	126 B/D
15	5278'-5288.5'	10.5'	237 SEC.	129 B/D
16	5288.5'-5302'	13.5'	290 SEC.	136 B/D
17	5302'-5312'	10'	217 SEC.	135 B/D
18	5312'-5319'	7'	141 SEC.	145 B/D
19	5319'-5324.5'	5.5'	170 SEC.	95 B/D
20	5324.5'-5328'	3.5'	118 SEC.	87 B/D
21	5328'-5328.5'	.5'	172 SEC.	3 B/D
22	5333'			ZERO FLOW

Form 3160-5
(June 1990)

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

5. Lease Designation and Serial No.
U - 0566

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
RED WASH

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other (WIW)

8. Well Name and No.
279 (11-36B)

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

9. API Well No.
43-047-31052

3. Address and Telephone No.
P.O. BOX 599, DENVER, CO. 80201

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
659 FNL, 660 FWL, SEC. 36, T7S, R23E

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	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other STATUS	☐ 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 J. T. Nelson 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.

Form 3160-5
(June 1990)

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 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)
   659 FNL, 660 FWL, SEC. 36, 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 #279 (11-36B)
9. API Well No.
   43-047-31052
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	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other _____	☐ 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 Diane Prough Title Oper. Assistant Date 02/09/93

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____
Conditions of approval, if any:

FVLARB-5.BLM (JRL #2)

Mechanical Integrity Test
Casing or Annulus Pressure Test for Well UT2000-02453

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466
This form was printed on 09/22/1994.

EPA Witness: CHUCK WILLIAMS - DAN JACKSON Date 09/28/94 Time 1:20 am (pm)

Test conducted by: M.L. MOTT

Others present: Gibb Ross, Lance Rasmussen

Chevron U.S.A., Inc., Evanston, WY	Op ID CVR04
RW #279 (11-36B)	2R TA as of 02/01/1979
RED WASH 43-047-31052	NWNW 36 07S 23E
Indian? Yes, UINTAH-OURAY	Compliance staff: WILLIAMS

Last MIT: Passed 09/24/1992 Not witnessed by EPA

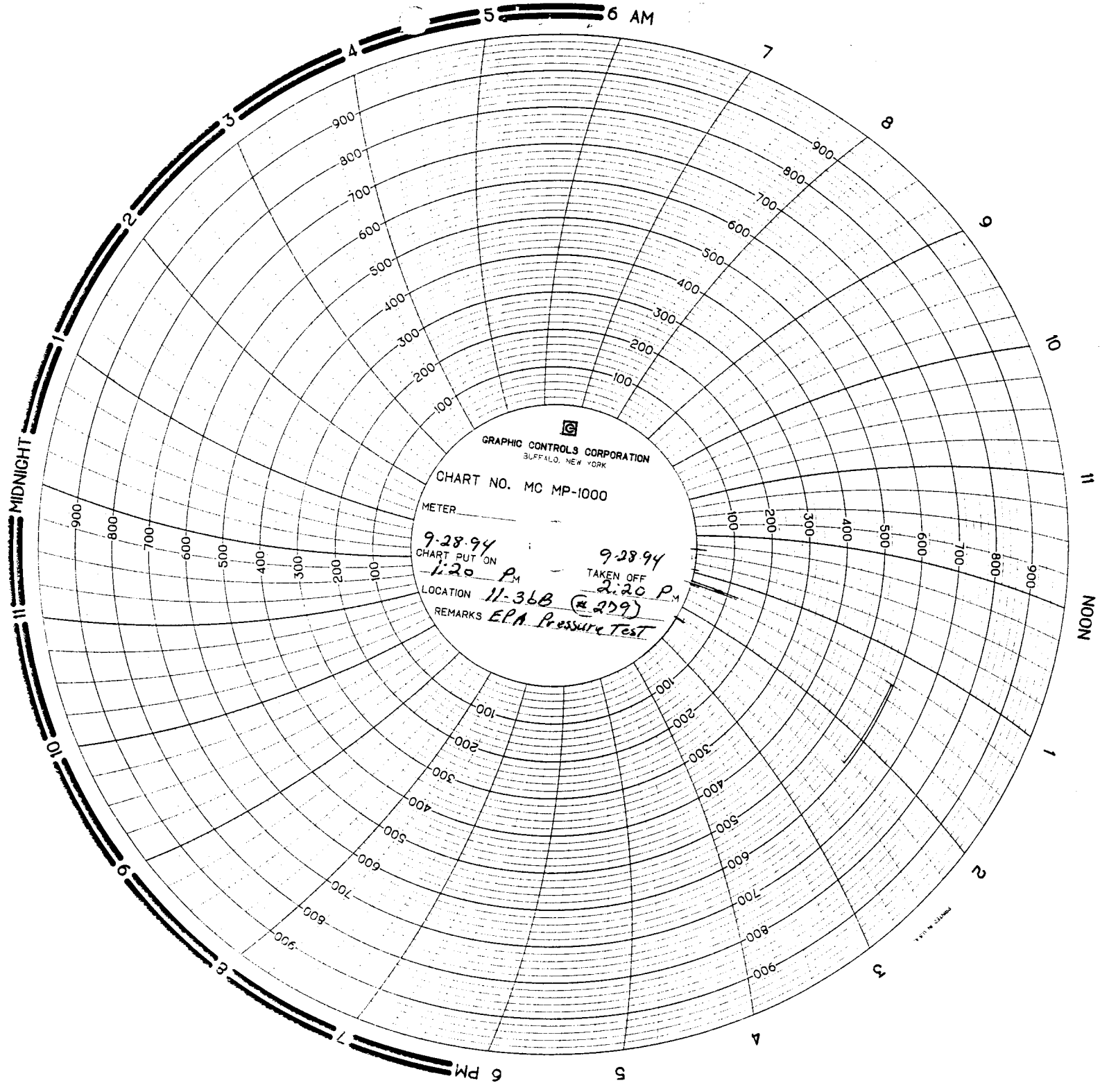
Time (minutes)	Test #1	Test #2	Test #3
0	590 psig	_____ psig	_____ psig
5	_____	_____	_____
10	_____	_____	_____
15	_____	_____	_____
20	_____	_____	_____
25	_____	_____	_____
30	_____	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60	590	_____	_____
Tubing pressure	Long String 15 psig	Short String 630 psig	_____ psig

See Attached Chart

Result (circle) Pass Fail Pass Fail Pass Fail

Signature of EPA Witness: C.E. Williams

See back of page for any additional comments and compliance followup.


GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
CHART NO. MC MP-1000
METER
CHART PUT ON 9-28-94 1:20 PM
TAKEN OFF 9-28-94 2:20 PM
LOCATION 11-36B (#279)
REMARKS EPA Pressure Test
MIDNIGHT
NOON
6 AM
6 PM

Form 3160-5
(June 1990)

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

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

1. Type of Well
Oil Well [ ] Gas Well [ ] Other [X] WATER INJECTION

8. Well Name and No.
REDWASH UNIT 279 (11-36B)

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

9. API Well No.
43-047-31052

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
659' FNL & 660' FWL (NW NW) SECTION 36, T7S, R23E, SLBM.

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	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other RETURNED TO INJECTION	[ ] 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)

AS OF 4/10/96, SUBJECT INJECTION WELL WAS RETURNED TO INJECTION

RECEIVED
MAY 0 8 1996
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed G.D. SCOTT G.D. Scott Title DRILLING TECHNICIAN Date May 3, 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.

*See instruction on Reverse Side

Chevron

FEBRUARY 3, 1998

STEP-RATE TESTING RESULTS
RED WASH UNIT
UINTAH COUNTY, UTAH

Chevron U.S.A. Production Co.
Rocky Mountain Profit Center
11002 East 17500 South
Vernal, UT 84078-8526
(801) 781-4300

MR. CHUCK WILLIAMS
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, CO 80202-2466
8P2-W-GW

Dear Mr. Williams:

The enclosed documents several recently conducted step-rate tests within Red Wash Unit. We decided this testing was necessary after observing that some wells reconfigured via workovers or returned to injection during 1997 could not inject at economically effective rates, even with the surface pressure at maximum. Some will not inject at "fracture pressure", indicating that current maximums are too low. Please recall that maximum surface pressures for Red Wash Unit injectors were calculated using a fracture gradient of 0.78 psi/ft, a value arbitrarily assigned several years ago due to an absence of any hard data to the contrary. Results from three of the four enclosed tests conclusively indicate a fracture gradient of approximately 0.81 psi/ft. or greater. While data from the fourth is questionable, the ISIP from the test also supports the conclusion that a fracture gradient increase is needed.

We request approval to recalculate maximum allowable surface injection pressures for Red Wash Unit injectors using a fracture gradient of 0.81 psi/ft. and the current water specific gravity. If you have any questions or comments, please contact Steven McPherson at (435) 781-4310.

Sincerely,

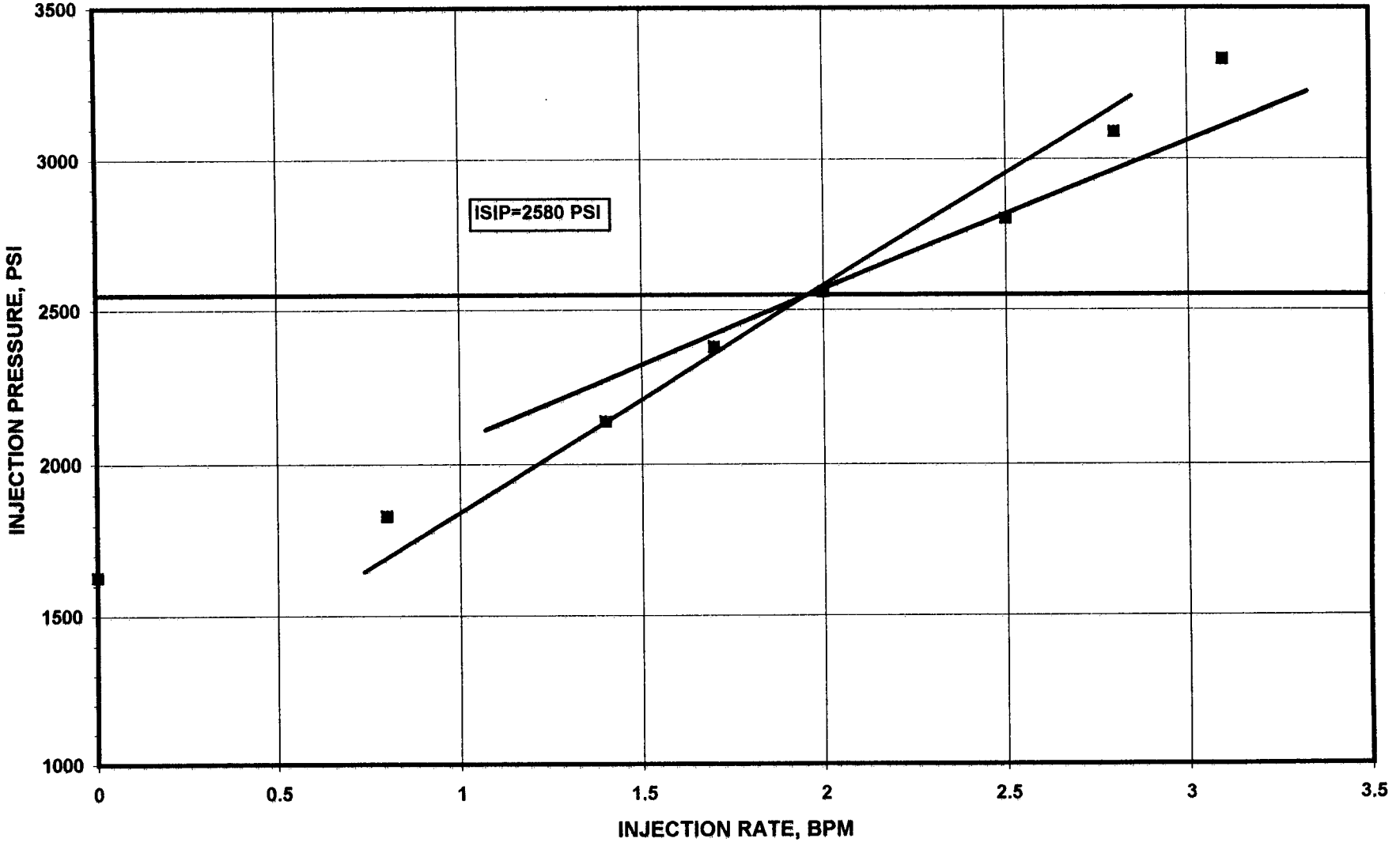
J. T. CONLEY
RED WASH ASSET TEAM LEADER

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

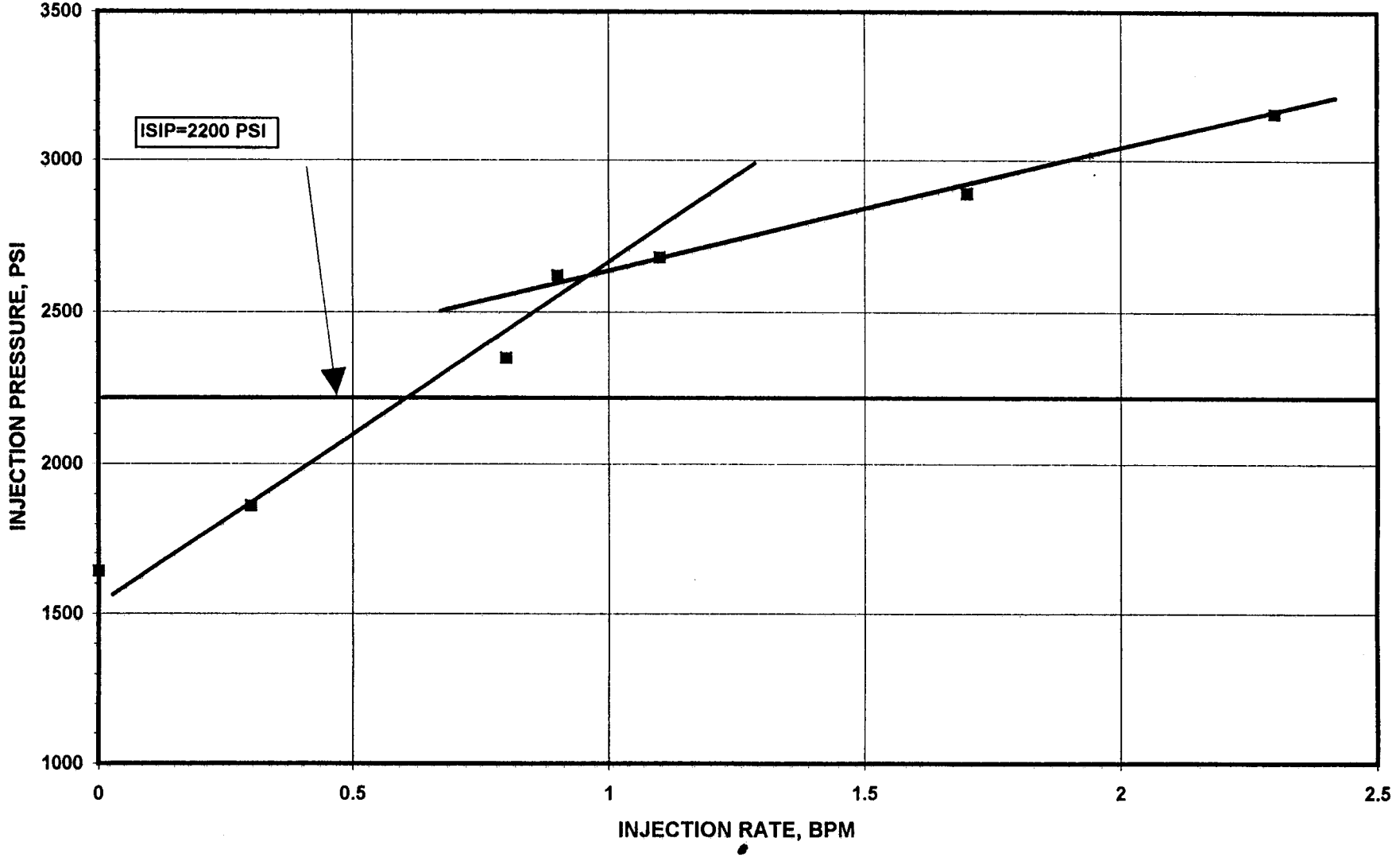
RED WASH STEP-RATE TEST RESULTS
Jan-98

RWU #6 (41-21B)		RWU #88 (23-18B)		RWU #174 (21-20B)		RWU #279 (11-36B)	
RATE BPM	**PRESSURE PSI**	**RATE BPM**	**PRESSURE PSI**	**RATE BPM**	**PRESSURE PSI**	**RATE BPM**	**PRESSURE PSI**
0	1640	0	1240	0	1300	0	1630
0.3	1860	0.4	1280	0.4	1360	0.8	1830
0.8	2350	2	1800	0.8	1630	1.4	2140
0.9	2620	1.6	1840	1.1	1870	1.7	2380
1.1	2680	2.6	2130	1.5	2000	2	2560
1.7	2890	3.1	2420	2.3	2230	2.5	2800
2.3	3160	3.5	2570	3	2480	2.8	3090
		4.2	2790	3.7	2760	3.1	3330
		4.9	3000				
TOP EXPOSED PERF.: 5487'		TOP EXPOSED PERF.: 5612'		TOP EXPOSED PERF.: 5534'		TOP EXPOSED PERF.: 5361'	
ISIP: 2200 PSI		ISIP: 2200 PSI		ISIP: 2028 PSI		ISIP: 2580 PSI	
WATER DENSITY: 8.45 PPG		WATER DENSITY: 8.34 PPG		WATER DENSITY: 8.45 PPG		WATER DENSITY: 8.45 PPG	
0.439 PSI/FT.		0.434 PSI/FT.		0.439 PSI/FT.		0.439 PSI/FT.	
0.840 PSI/FT.		**0.826 PSI/FT.**		**0.805 PSI/FT.**		**0.920 PSI/FT.**	

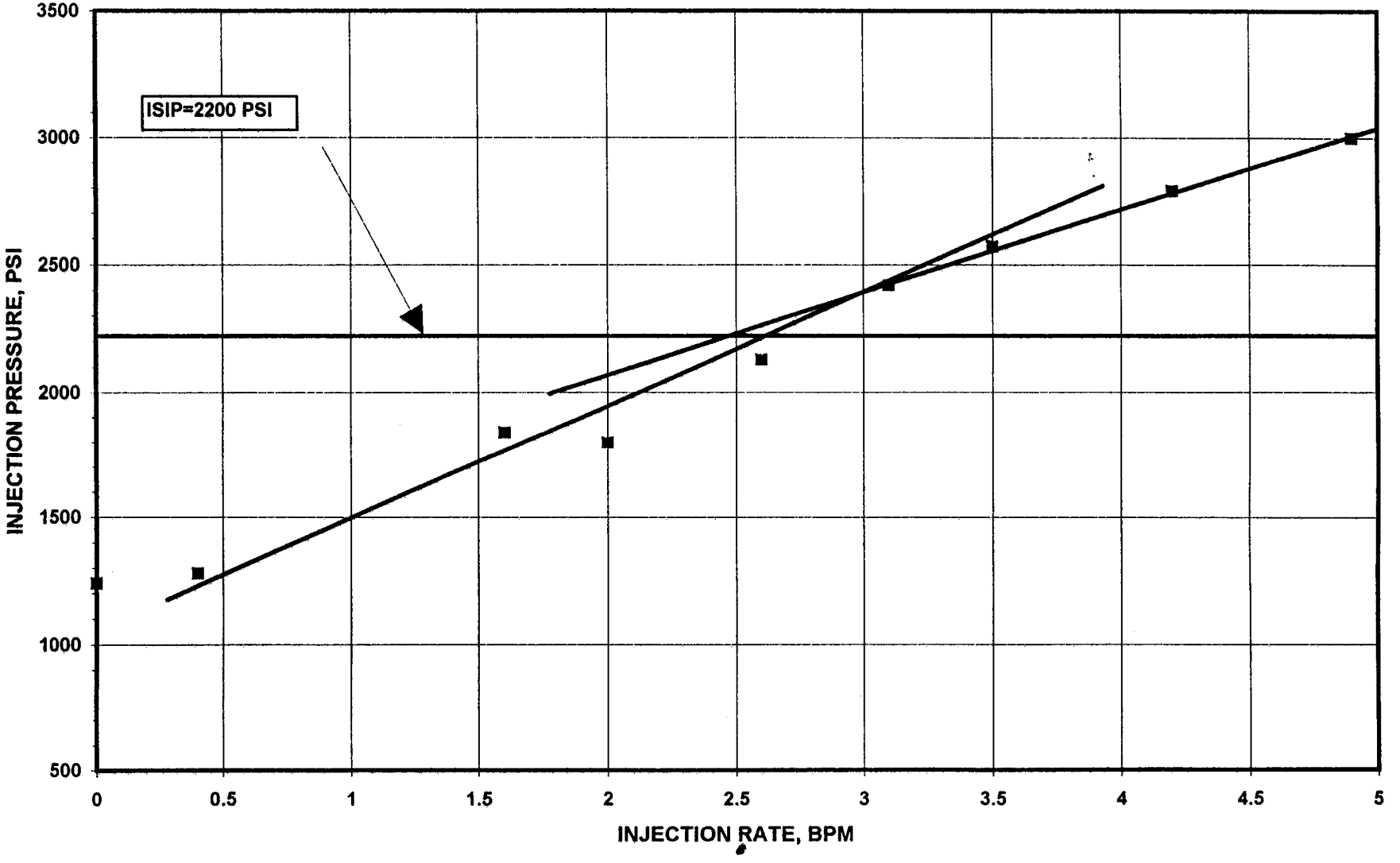
RWU #279 (11-36B)
1/26/98 STEP-RATE TEST



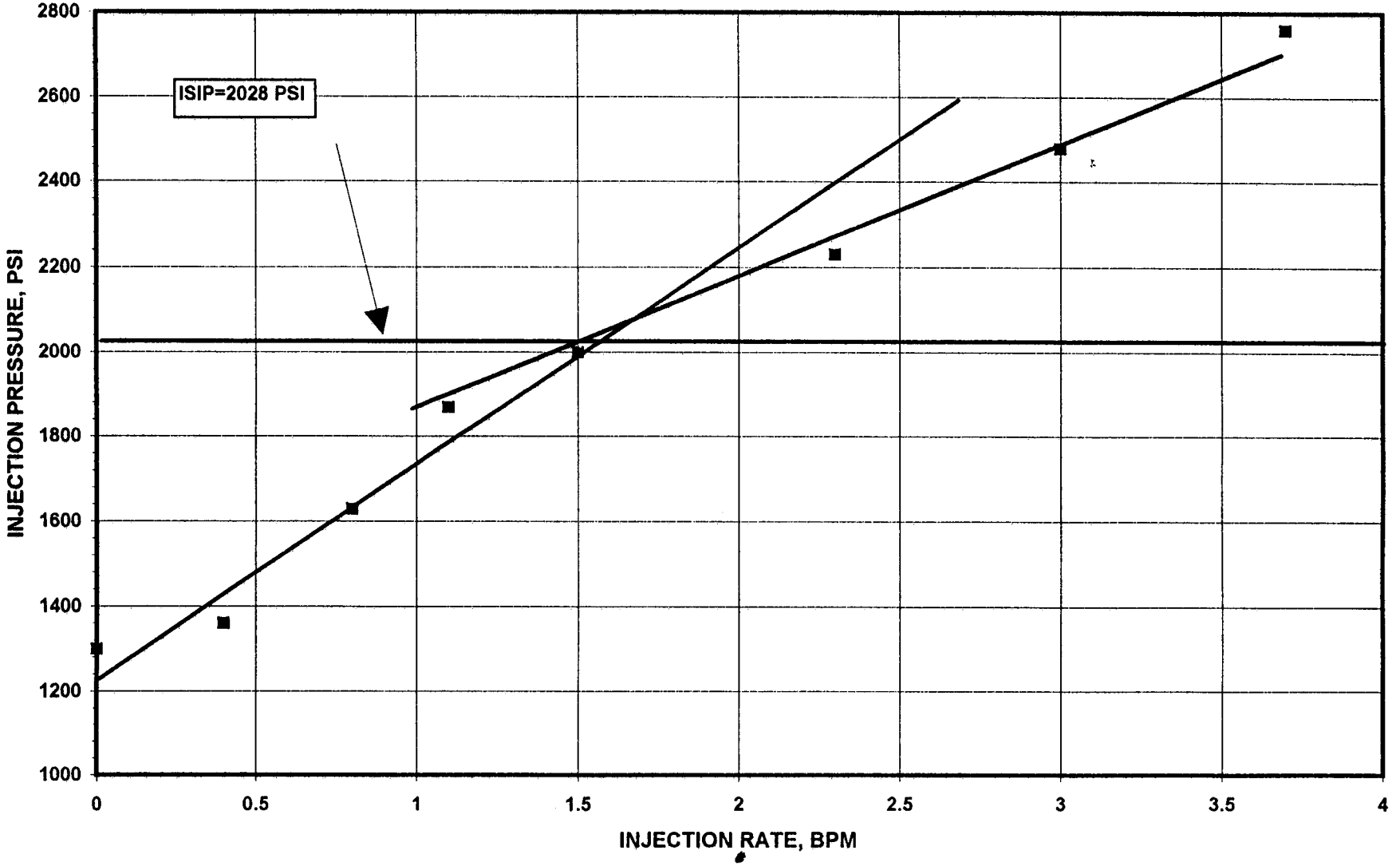
RWU #6 (41-21B)
1/26/96 STEP-RATE TEST



RWU #88 (23-18B)
1/22/98 STEP-RATE TEST



RWU #174 (21-20B)
1/23/98 STEP-RATE TEST



HALLIBURTON

JOB LOG 4239-5

TICKET #	TICKET DATE
	1-26-98

REGION	NWA/COUNTRY	BDA / STATE	COUNTY
North America			

MBU ID / EMP #	EMPLOYEE NAME	PSL DEPARTMENT

LOCATION	COMPANY	CUSTOMER REP / PHONE

TICKET AMOUNT	WELL TYPE	API / UWI #

WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE
#6		

LEASE / WELL #	SEC / TWP / RNG

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS T	PUMPS C	PRESS. (psi) Tbg	PRESS. (psi) Csg	JOB DESCRIPTION / REMARKS
						START	END	STEP RATE TESTS w/ SOURCE WATER
	0700							ON LOCATION. SAFTY MEETING w/ SAM, GO OVER JOB, SPOT EQUIPMENT SET UP.
	0730							ELECTRONICS WENT DOWN. CALLED FOR ELECTRITION OUT OF VERNAL.
	1045							ELECTRONICS UP & GOOD.
	1100							PRESSURE TEST DOUBLE LINES (10000 PSI)
	1100							OPEN WELL. WELL PRESSURE - 1640 PSI
	1113	.3	0			1700	1800	START STEP AND TEST.
	1124	.5	5			2000	2350	INCREASE RATE & PRESSURE.
	1147	.9	20			2400	2600	INCREASE RATE & PRESSURE.
	1213	1.1	42			2750	2850	INCREASE RATE & PRESSURE.
	1232	1.7	64			3000	3150	INCREASE RATE & PRESSURE.
	1258	2.3	107			3250	3400	INCREASE RATE & PRESSURE
	1318	0	154					SHUT DOWN. END TEST
								TOTAL 3260 PSI LOSS IN WELL AFTER DOWN
								END JOB
								THANKS
								HALLIBURTON (KYLE)

HALLIBURTON

JOB LOG 239-5

TICKET #	TICKET DATE

REGION	NWA/COUNTRY	BDA / STATE	COUNTY
North America			

MBU ID / EMP #	EMPLOYEE NAME	PSL DEPARTMENT

LOCATION	COMPANY	CUSTOMER REP / PHONE

TICKET AMOUNT	WELL TYPE	API / UWI #

WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE

LEASE / WELL #	SEC / TWP / RNG
#88	

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(~~GAL~~)	PUMPS T	PUMPS C	PRESS. (psi) Tbg	PRESS. (psi) Csg	JOB DESCRIPTION / REMARKS
								PERFORM STEP RATE TESTS AS INSTRUCTED.
						START PRESSURE	ENDING PRESSURE	SOURCE WATER. 30 MIN. INCREMENTS
	0700							ON LOCATION. SAFETY MEETING. GO OVER JOB. SPOT EQUIPMENT.
								SET UP.
	0830					5000		PRIME & PRESSURE TEST PUMP AND LINES TO 5000 PSI.
	0835							RELEASE PRESSURE. OPEN WELL HEAD.
								WELL HEAD FROZEN. UNABLE TO GET ON HOT OILER.
	1030					1240		WELL HEAD OPEN. WELL PRESSURE WAS 1240 PSI.
	1035	.4	0			1250	1280	START 1ST STEP RATE TEST. W/ SOURCE WATER.
	1105	2	8			1580	1800	START 2ND STEP RATE TEST.
	1135	1.6	68			1750	1840	START 3RD STEP RATE TEST.
	1205	2.6	125			2000	2140	START 4TH STEP RATE TEST.
	1235	3.1	206			2250	2420	START 5TH STEP RATE TEST.
	1310	3.5	375			2500	2570	START 6TH STEP RATE TEST.
	1358	4.2	436			2750	2790	START 7TH STEP RATE TEST.
	1428	4.9	608			3000	3000	START 8TH STEP RATE TEST.
	1457	0	719					END JOB. SHUT DOWN.
							2400	TEST.
								RIG DOWN EQUIPMENT.
								THANKS
								KEVIN & SHAN.

HALLIBURTON

JOB LOG 239-5

TICKET #	TICKET DATE

REGION	NWA/COUNTRY	BDA / STATE	COUNTY
North America			

MBU ID / EMP #	EMPLOYEE NAME	PSL DEPARTMENT

LOCATION	COMPANY	CUSTOMER REP / PHONE

TICKET AMOUNT	WELL TYPE	API / UWI #

WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE
#174		

LEASE / WELL #	SEC / TWP / RNG

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(~~GAL~~)	PUMPS T	PUMPS C	PRESS. (psi) Tbg	PRESS. (psi) Csg	JOB DESCRIPTION / REMARKS
								STED RATE TEST. DOWN 2 7/8" TUBING.
								BUILD SOURCE WATER.
	0700							ON LOCATION SAFETY MEETING W/ HES HANDS.
								GO OVER JOB AND FLUID LIFT SET UP.
								WELL HEAD FROZEN WITH HOT WATER TO THAW WELL HEAD.
	1830							PRIME & PRESSURE TEST ALL DS AND LINES TO 5000 PSI.
Volume	1841							OPEN WELL HEAD, WELL PRESSURE 1300 PSI.
						AM	PM	
0	0850	.4				1350	1360	START TEST.
2.4	0906	.8				1500	1520	INCREASE RATE & PRESSURE
23.2	0927	1.1				1550	1570	INCREASE RATE & PRESSURE.
50.7	0953	1.5				2000	2000	INCREASE RATE & PRESSURE.
80.7	1018	2.3				2150	2230	INCREASE RATE & PRESSURE.
126.7	1032	3				2500	2504	INCREASE RATE & PRESSURE.
196.7	1052	3.7				2750	2744	INCREASE RATE & PRESSURE
245.9	1106	0						SHUT DOWN. END TEST.
								ISIP = 2028.
								END JOB AT LUNCH.
								THANKS HALLIBURTON CREW
								VERN & SAM

HALLIBURTON

JOB LOG

ORDER NO. 70006

TICKET #	TICKET DATE

REGION	NWA/COUNTRY	BDA / STATE	COUNTY
North America			

MBU ID / EMP #	EMPLOYEE NAME	PSL DEPARTMENT

LOCATION	COMPANY	CUSTOMER REP / PHONE

TICKET AMOUNT	WELL TYPE	API / UWI #

WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE
#279		

LEASE / WELL #	SEC / TWP / RNG

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS T	PUMPS C	PRESS. (psi) Tbg	PRESS. (psi) Csg	JOB DESCRIPTION / REMARKS
								DRILL STEP RATE TESTS w/ SOURCE WATER.
	1430							ON LOCATION, SPOT EQUIPMENT, SET UP. SAFETY MEETING. GO OVER JOB W/ CUSTOMER.
	1500					PRESSURE		PRIME UP & PRESSURE TEST PUMPS & LINES
	1515							OPEN WELL, WELL PRESSURE 1630 PSI.
						START	END	
	1605	.8	0			1750	1830	START STEP RATE TEST
	1622	1.4	12			2100	2140	INCREASE RATE & PRESSURE
	1637	1.7	34			2450	2380	INCREASE RATE & PRESSURE
	1653	2.0	62			2750	2540	INCREASE RATE & PRESSURE
	1709	2.1	92			2750	2700	INCREASE RATE & PRESSURE.
	1725	2.8	127			3000	2900	INCREASE RATE & PRESSURE.
	1740	3.1	178			3250	3200	INCREASE RATE & PRESSURE
	1802	0	301					END STEP RATE TEST.
							3250	TEST.
								END JOB, RIG DOWN.
								THANKS - HALLIBURTON CREW
								JERRY & SAM.

Chevron

SEPTEMBER 28, 1999

RWU #279 (11-36B) – EPA ID# UT-02434
RED WASH UNIT
UINTAH COUNTY, UTAH
43 047 31052

T5 R23E S36

Chevron U.S.A. Production Co.
Rocky Mountain Profit Center
11002 East 17500 South
Vernal, UT 84078-8526
(801) 781-4300

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

Dear Mr. Jafari:

The captioned Class II ER water injector was found to have equalized tubing and annulus pressure on September 27, 1999. The annulus pressure would not bleed off, indicating a tubing or packer leak, and was immediately shut-in pending repairs. We plan to pull the well, repair and re-install subsurface equipment, and conduct a mechanical integrity test within the next several days.

If you have questions or need additional information, please contact me at 435-781-4301.

Sincerely,

J. T. CONLEY
RED WASH ASSET TEAM LEADER

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

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

RECEIVED
SEP 30 1999
DIV. OF OIL, GAS & MINING

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Vernal Field Office
170 South 500 East
Vernal, Utah 84078-2799

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

IN REPLY REFER TO:

MECHANICAL INTEGRITY PRESSURE TEST
CASING/TUBING ANNULUS

#43047310520051

LEASE NO.: State DATE: 11-10-99
COMPANY NAME: Chevron USA Inc.
WELL NAME: Redwash #279 PERMIT NO.: UT-02453
FIELD NAME: Redwash COUNTY: Uintah
WELL LOCATION: 1/41/4 NWNW SEC. 36 TWN. 7S RNG. 23E
WELL TYPE: SWD ✓ ER ____ 2H ____ OTHER: ____
TYPE OF PACKER: Baker Lock Set TOTAL DEPTH 6103 5490 PBTD
PACKER SET DEPTH (ft): 5141 Perfs 5198-5464
SURFACE CASING SIZE: 9 5/8 36# FROM: 0 FT. to 330 FT.
CASING SIZE: 7" 23# FROM: 0 FT. to 6102 FT.
TUBING SIZE: 2 3/8 coated TUBING PRESSURE DURING TEST: 10 PSIG
TIME OF DAY: 705 am/pm to 7:35 am

TIME (min)	TEST 1	TEST 2
0	1225 psig	____ psig
5	11 psig	____ psig
10	11 psig	____ psig
15	11 psig	____ psig
20	11 psig	____ psig
25	11 psig	____ psig
30	1225 psig	____ psig
35	____ psig	____ psig
40	____ psig	____ psig
45	____ psig	____ psig
50	____ psig	____ psig
55	____ psig	____ psig
60	____ psig	____ psig

RECEIVED
NOV 15 1999
DIV. OF OIL, GAS & MINING

TEST CONDUCTED BY: Gudac Well Service
INSPECTED BY: Jamie Sparger BLM
OTHERS PRESENT: Steve Kettent (Chevron)

James H. Sparger

Form 3160-5
(June 1990)

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 [X] MULTIPLE WELLS SEE ATTACHED LIST
2. Name of Operator
   CHEVRON U.S.A. 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)

5. Lease Designation and Serial No.
6. If Indian, Allottee or Tribe Name
   N/A
7. If Unit or CA, Agreement Designation
   RED WASH UNIT
   I-SEC NO 761
8. Well Name and No.
9. API Well No.
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	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **CHANGE OF OPERATOR**	[ ] 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)

As of January 1, 2000 Chevron U.S.A. INC. resigns as Operator of the Red Wash Unit.
The Unit Number is I-SEC NO 761 effective October 31, 1950.

The successor operator under the Unit Agreement will be
Shenandoah Energy Inc.
475 17th Street, Suite 1000
Denver, CO 80202

Agreed and accepted to this 29th day of December, 1999

Shenandoah Energy Inc.

By: _____
Mitchell L. Solich
President

RECEIVED
DEC 30 1999
DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed **A. E. Wacker** A. E. Wacker Title **Assistant Secretary** Date **12/29/99**

(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.

***See Instruction on Reverse Side**

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 17th 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)
[redacted]
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

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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 _____ 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 _____ 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 M.J. Hunt Title Tech. Services Manager

Approval Date 8-24-00

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DIVISION OF

(3/89)

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING	
1. GLH	4-KAS ✓
2. CDW	5-[illegible] ✓
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):	**TO:** (New Operator):
CHEVRON USA INC	SHENANDOAH ENERGY INC
Address: 11002 E. 17500 S.	Address: 11002 E. 17500 S.
VERNAL, UT 84078-8526	VERNAL, UT 84078
Phone: 1-(435)-781-4300	Phone: 1-(435)-781-4300
Account No. N0210	Account No. N4235

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

WELL(S)

NAME	API	ENTITY	SECTION	TOWNSHIP	RANGE	LEASE
RWU 14 (14-13B) (wiw)	43-047-15144	99996	13	07S	23E	FEDERAL
RWU 183 (33-13B) (wiw)	43-047-15289	5670	13	07S	23E	FEDERAL
RWU 185 (41-14B) (wiw)	43-047-16498	99996	14	07S	23E	FEDERAL
RWU 34 (23-14B) (wiw)	43-047-15161	99996	14	07S	23E	FEDERAL
RWU 156 (23-15B) (wiw)	43-047-15267	99990	15	07S	23E	FEDERAL
RWU 268 (43-17B) (wiw)	43-047-32980	5670	17	07S	23E	FEDERAL
RWU 174 (21-20B) (wiw)	43-047-15281	5670	20	07S	23E	FEDERAL
RWU 173 (21-21B) (wiw)	43-047-16496	99996	21	07S	23E	FEDERAL
RWU 182 (14-21B) (wiw)	43-047-16497	99996	21	07S	23E	FEDERAL
RWU 6 (41-21B) (wiw)	43-047-16482	99996	21	07S	23E	FEDERAL
RWU 148 (13-22B) (wiw)	43-047-15261	99996	22	07S	23E	FEDERAL
RWU 91 (33-22B) (wiw)	43-047-16479	99996	22	07S	23E	FEDERAL
RWU 23 (21-23B) (wiw)	43-047-15151	99996	23	07S	23E	FEDERAL
RWU 25 (23-23B) (wiw)	43-047-16476	99996	23	07S	23E	FEDERAL
RWU 2 (14-24B) (wiw)	43-047-16472	99996	24	07S	23E	FEDERAL
RWU 59 (12-24B) (wiw)	43-047-16477	99996	24	07S	23E	FEDERAL
RWU 275 (31-26B) (wiw)	43-047-31077	99996	26	07S	23E	FEDERAL
RWU 11 (34-27B) (wiw)	43-047-15142	99996	27	07S	23E	FEDERAL
RWU 56 (41-28B) (wiw)	43-047-15182	99996	28	07S	23E	FEDERAL
RWU 264 (31-35B) (wiw)	43-047-30519	99996	35	07S	23E	FEDERAL
RWU 279 (11-36B) (wiw)	43-047-31052	99996	36	07S	23E	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

4. Is the new operator registered in the State of Utah: YES Business Number: 224885

5. If **NO**, the operator was contacted contacted on: _____

6. **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: 02/04/2000

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **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: 08/24/2000

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 08/23/2000

2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 08/23/2000

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A

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

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: _____

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 3.5.01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:

QUESTAR

Questar Exploration and Production Company
Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel 303 672 6900 • Fax 303 294 9632

Denver Division

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

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 17th 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 it 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 0 7 2003

3104 (932.34)WF
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc. 1050 17th 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 Unita Basin
MFO

Division of Oil, Gas and Mining

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: **2/1/2003**

FROM: (Old Operator):	**TO:** (New Operator):
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 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A	
RWU 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A	
RWU 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A	
RWU 33-25A	25	070S	220E	4304733578	5670	Federal	WI	A	
RWU 61 (12-27A)	27	070S	220E	4304716478	5670	Federal	WI	I	
RWU 34 (23-14B)	14	070S	230E	4304715161	5670	Federal	WI	A	
RWU 283 (43-18B)	18	070S	230E	4304732982	5670	Federal	WI	A	
RWU 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A	
RWU 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A	
RWU 48 (32-19B)	19	070S	230E	4304715174	5670	Federal	WI	I	
RWU 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A	
RWU 6 (41-21B)	21	070S	230E	4304716482	5670	Federal	WI	A	
RWU 59 (12-24B)	24	070S	230E	4304716477	5670	Federal	WI	A	
RWU 269 (13-26B)	26	070S	230E	4304730522	5670	Federal	WI	I	
RWU 275 (31-26B)	26	070S	230E	4304731077	5670	Federal	WI	A	
RWU 56 (41-28B)	28	070S	230E	4304715182	5670	Federal	WI	A	
RWU 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A	
RWU 33-30B	30	070S	230E	4304733790	5670	Federal	WI	A	
RWU 271 (42-35B)	35	070S	230E	4304731081	5670	Federal	WI	I	
RWU 279 (11-36B)	36	070S	230E	4304731052	5670	Federal	WI	A	

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

EFFECTIVE DATE OF TRANSFER: _____

CURRENT OPERATOR

Company: Shenandoah Energy Inc. Name: John Busch
Address: 11002 East 17500 South Signature: John Busch
city Vernal state UT zip 84078 Title: District Foreman
Phone: (435) 781-4300 Date: 9-02-03
Comments:

NEW OPERATOR

Company: QEP Uinta Basin, Inc. Name: John Busch
Address: 11002 East 17500 South Signature: John Busch
city Vernal state UT zip 84078 Title: District Foreman
Phone: _____ Date: 9-02-03
Comments:

(This space for State use only)

Transfer approved by: _____ Approval Date: 9-10-03
Title: Tech. Services Manager

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

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

(5/2000)

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

QUESTAR

RECEIVED
NOV 17 2004
DIV. OF OIL, GAS & MINING

...hta 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: 435-781-4329
Email: Stephanie.Tomkinson@questar.com

FILE COPY

Via Certified Mail: 7003 2260 0007 1318 6565

November 16, 2004

Al Craver (8-ENF-T)
UIC Program
U.S. EPA, Region VIII
999 18th Street, Suite 300
Denver, Colorado 80202-2466

RE: RW 11-36B
UIC #UT2000-02453
API #43-047-31052
NWNW Section 36 T7S R23E

Dear Mr. Craver:

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 Technician

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

Enclosures: MIT Casing or Annulus Pressure Test Form
MIT Results Spreadsheet
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
Attn: Mr. Gil Hunt

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

UIC# UT2000-02453
API# 43-047-31052

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: 11-3-04 TIME: 8:40 ☒ AM ☐ PM

TEST CONDUCTED BY: Dennis J. Paulson (Questar)

OTHERS PRESENT: Lynn Smith (Advantage Hot oil)

WELL NAME: RW 11-36B (297) TYPE: ☑ ER ☐ SWD STATUS: ☑ AC ☐ TA ☐ UC

FIELD: REDWASH

WELL LOCATION: NW/NW SEC-36 T7 ☐ N ☑ S R23 ☑ E ☐ W COUNTY:UINTAH STATE: UTAH

OPERATOR: QEP UINTA BASIN INC.

LAST MIT: 11/10/99 MAXIMUM ALLOWABLE PRESSURE: 1939 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: 230 BPD

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

MIT DATA TABLE	TEST #1	TEST #2	TEST #3
TUBING PRESSURE			
INITIAL PRESSURE	1815 PSIG	PSIG	PSIG
END OF TEST PRESSURE	1815 PSIG	PSIG	PSIG
CASING/TUBING ANNULUS PRESSURE			
0 MINUTES	1124.9 PSIG	PSIG	PSIG
5 MINUTES	1123.1 PSIG	PSIG	PSIG
10 MINUTES	1122.7 PSIG	PSIG	PSIG
15 MINUTES	1122.6 PSIG	PSIG	PSIG
20 MINUTES	1122.7 PSIG	PSIG	PSIG
25 MINUTES	1122.8 PSIG	PSIG	PSIG
30 MINUTES	1122.8 PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
RESULT	☒ PASS ☐ FAIL	☐ PASS ☐ FAIL	☐ PASS ☐ FAIL

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

RWU 11-36B MIT

RWU 11-36B								
3000	PSIG	2404-1	14	OCT	2004			
DATE	MONTH	YEAR	TIME	FILE #	SAMPLE #	CASING PSIG	BAR	AMBIENT TEMP.
3	11	2004	8:39:41	3	1	0	25.3	81
3	11	2004	8:40:17	3	2	0	25.3	82
3	11	2004	8:40:31	3	3	0	25.3	82
3	11	2004	8:40:43	3	4	0	25.3	82
3	11	2004	8:40:59	3	5	0	25.3	83
3	11	2004	8:41:16	3	6	0	25.3	83
3	11	2004	8:41:28	3	7	0	25.3	83
3	11	2004	8:41:43	3	8	0	25.3	83
3	11	2004	8:41:59	3	9	0	25.3	84
3	11	2004	8:42:16	3	10	0	25.3	84
3	11	2004	8:42:28	3	11	0	25.3	84
3	11	2004	8:42:43	3	12	0	25.3	84
3	11	2004	8:42:58	3	13	0	25.3	85
3	11	2004	8:43:14	3	14	0	25.3	85
3	11	2004	8:43:32	3	15	0	25.3	85
3	11	2004	8:43:43	3	16	0	25.3	85
3	11	2004	8:43:58	3	17	0	25.3	86
3	11	2004	8:44:14	3	18	0	25.3	86
3	11	2004	8:44:31	3	19	77.82	25.3	86
3	11	2004	8:44:43	3	20	220.1	25.3	86
3	11	2004	8:44:58	3	21	451.77	25.3	86
3	11	2004	8:45:14	3	22	680.2	25.3	87
3	11	2004	8:45:31	3	23	842.6	25.3	87
3	11	2004	8:45:43	3	24	935.4	25.3	87
3	11	2004	8:45:58	3	25	938.5	25.3	87
3	11	2004	8:46:14	3	26	940	25.3	87
3	11	2004	8:46:31	3	27	957.7	25.3	88
3	11	2004	8:46:43	3	28	980	25.3	88
3	11	2004	8:46:58	3	29	999.7	25.3	88
3	11	2004	8:47:14	3	30	1018.5	25.3	88
3	11	2004	8:47:31	3	31	1019.8	25.3	88
3	11	2004	8:47:43	3	32	1036.4	25.3	88
3	11	2004	8:47:58	3	33	1064.3	25.3	89
3	11	2004	8:48:13	3	34	1093.5	25.3	89
3	11	2004	8:48:29	3	35	1121	25.3	89
3	11	2004	8:48:46	3	36	1128.6	25.3	89
3	11	2004	8:48:58	3	37	1127.4	25.3	89
3	11	2004	8:49:13	3	38	1126.2	25.3	89
3	11	2004	8:49:29	3	39	1125.7	25.3	90
3	11	2004	8:49:46	3	40	1125.3	25.3	90
3	11	2004	8:49:58	3	41	1125.2	25.3	90
3	11	2004	8:50:13	3	42	1124.9	25.3	90
3	11	2004	8:50:29	3	43	1124.7	25.3	90
3	11	2004	8:50:46	3	44	1124.6	25.3	90
3	11	2004	8:50:58	3	45	1124.4	25.3	91
3	11	2004	8:51:13	3	46	1124.3	25.3	91
3	11	2004	8:51:29	3	47	1124.2	25.3	91
3	11	2004	8:51:46	3	48	1124	25.3	91

RWU 11-36B MIT

RWU 11-36B								
3000	PSIG	2404-1	14	OCT	2004			
DATE	MONTH	YEAR	TIME	FILE #	SAMPLE #	CASING PSIG	BAR	AMBIENT TEMP.
3	11	2004	8:51:58	3	49	1123.9	25.3	91
3	11	2004	8:52:13	3	50	1123.8	25.3	91
3	11	2004	8:52:29	3	51	1123.7	25.3	91
3	11	2004	8:52:46	3	52	1123.6	25.3	92
3	11	2004	8:52:58	3	53	1123.6	25.3	92
3	11	2004	8:53:13	3	54	1123.5	25.3	92
3	11	2004	8:53:28	3	55	1123.4	25.3	92
3	11	2004	8:53:44	3	56	1123.3	25.3	92
3	11	2004	8:54:01	3	57	1123.3	25.3	92
3	11	2004	8:54:13	3	58	1123.3	25.3	92
3	11	2004	8:54:28	3	59	1123.2	25.3	92
3	11	2004	8:54:44	3	60	1123.2	25.3	93
3	11	2004	8:55:01	3	61	1123.2	25.3	93
3	11	2004	8:55:13	3	62	1123.1	25.3	93
3	11	2004	8:55:28	3	63	1123.1	25.3	93
3	11	2004	8:55:44	3	64	1123	25.3	93
3	11	2004	8:56:01	3	65	1123	25.3	93
3	11	2004	8:56:13	3	66	1123	25.3	93
3	11	2004	8:56:28	3	67	1123	25.3	93
3	11	2004	8:56:44	3	68	1122.9	25.3	93
3	11	2004	8:57:01	3	69	1122.9	25.3	93
3	11	2004	8:57:13	3	70	1122.9	25.3	94
3	11	2004	8:57:28	3	71	1122.9	25.3	94
3	11	2004	8:57:43	3	72	1122.9	25.3	94
3	11	2004	8:57:59	3	73	1122.8	25.3	94
3	11	2004	8:58:16	3	74	1122.8	25.3	94
3	11	2004	8:58:28	3	75	1122.8	25.3	94
3	11	2004	8:58:43	3	76	1122.8	25.3	94
3	11	2004	8:58:59	3	77	1122.8	25.3	94
3	11	2004	8:59:16	3	78	1122.8	25.3	94
3	11	2004	8:59:28	3	79	1122.8	25.3	94
3	11	2004	8:59:43	3	80	1122.8	25.3	94
3	11	2004	8:59:59	3	81	1122.8	25.3	94
3	11	2004	9:00:16	3	82	1122.7	25.3	94
3	11	2004	9:00:28	3	83	1122.7	25.3	94
3	11	2004	9:00:43	3	84	1122.7	25.3	95
3	11	2004	9:00:59	3	85	1122.7	25.3	95
3	11	2004	9:01:16	3	86	1122.7	25.3	95
3	11	2004	9:01:28	3	87	1122.7	25.3	95
3	11	2004	9:01:43	3	88	1122.7	25.3	95
3	11	2004	9:01:59	3	89	1122.6	25.3	95
3	11	2004	9:02:16	3	90	1122.6	25.3	95
3	11	2004	9:02:28	3	91	1122.6	25.3	95
3	11	2004	9:02:43	3	92	1122.7	25.3	95
3	11	2004	9:02:58	3	93	1122.7	25.3	95
3	11	2004	9:03:14	3	94	1122.6	25.3	95
3	11	2004	9:03:31	3	95	1122.7	25.3	95
3	11	2004	9:03:43	3	96	1122.6	25.3	95

RWU 11-36B MIT

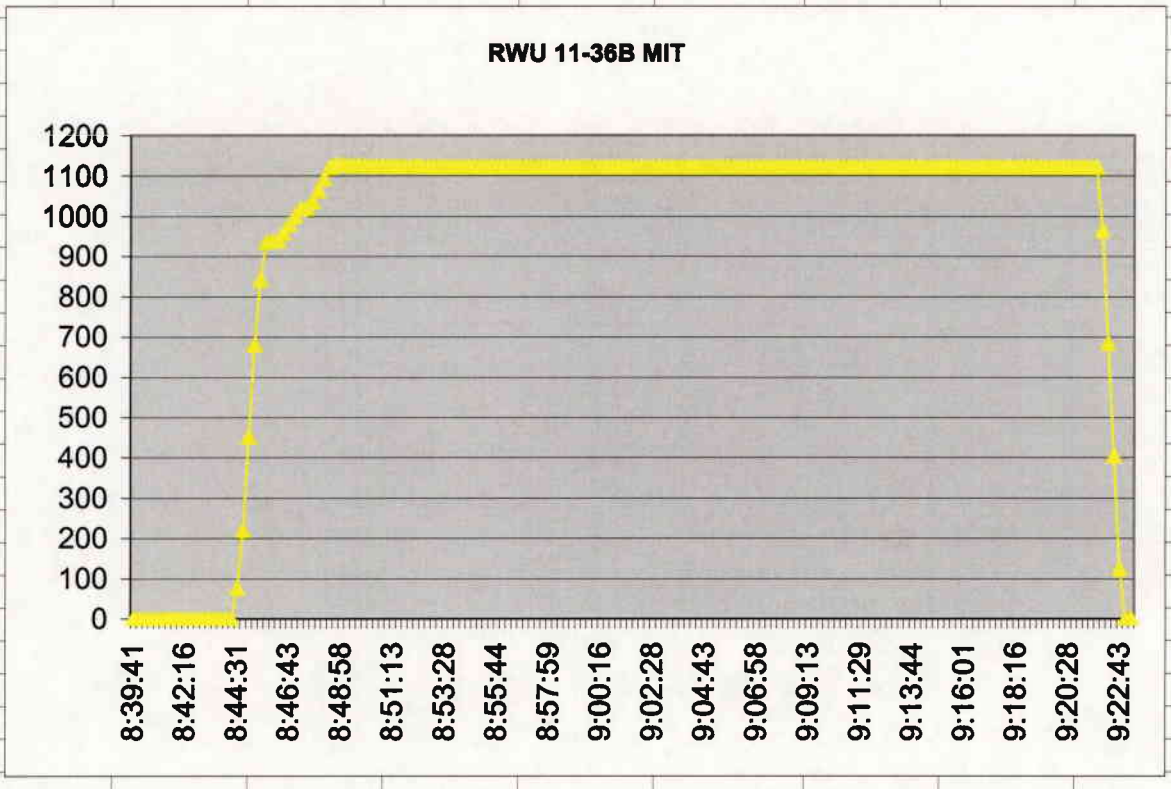
RWU 11-36B								
3000	PSIG	2404-1	14	OCT	2004			
DATE	MONTH	YEAR	TIME	FILE #	SAMPLE #	CASING PSIG	BAR	AMBIENT TEMP.
3	11	2004	9:03:58	3	97	1122.6	25.3	95
3	11	2004	9:04:14	3	98	1122.6	25.3	96
3	11	2004	9:04:31	3	99	1122.6	25.3	96
3	11	2004	9:04:43	3	100	1122.6	25.3	96
3	11	2004	9:04:58	3	101	1122.6	25.3	96
3	11	2004	9:05:14	3	102	1122.6	25.3	96
3	11	2004	9:05:31	3	103	1122.6	25.3	96
3	11	2004	9:05:43	3	104	1122.6	25.3	96
3	11	2004	9:05:58	3	105	1122.6	25.3	96
3	11	2004	9:06:14	3	106	1122.6	25.3	96
3	11	2004	9:06:31	3	107	1122.6	25.3	96
3	11	2004	9:06:43	3	108	1122.6	25.3	96
3	11	2004	9:06:58	3	109	1122.6	25.3	96
3	11	2004	9:07:14	3	110	1122.6	25.3	96
3	11	2004	9:07:31	3	111	1122.6	25.3	96
3	11	2004	9:07:43	3	112	1122.6	25.3	97
3	11	2004	9:07:58	3	113	1122.6	25.3	97
3	11	2004	9:08:13	3	114	1122.7	25.3	97
3	11	2004	9:08:29	3	115	1122.6	25.3	97
3	11	2004	9:08:46	3	116	1122.7	25.3	97
3	11	2004	9:08:58	3	117	1122.7	25.3	97
3	11	2004	9:09:13	3	118	1122.7	25.3	97
3	11	2004	9:09:29	3	119	1122.7	25.3	97
3	11	2004	9:09:46	3	120	1122.7	25.3	97
3	11	2004	9:09:58	3	121	1122.7	25.3	97
3	11	2004	9:10:13	3	122	1122.7	25.3	97
3	11	2004	9:10:29	3	123	1122.7	25.3	98
3	11	2004	9:10:46	3	124	1122.7	25.3	98
3	11	2004	9:09:58	3	125	1122.7	25.3	98
3	11	2004	9:11:13	3	126	1122.7	25.3	98
3	11	2004	9:11:29	3	127	1122.7	25.3	98
3	11	2004	9:11:46	3	128	1122.7	25.3	98
3	11	2004	9:11:58	3	129	1122.7	25.3	98
3	11	2004	9:12:13	3	130	1122.7	25.3	98
3	11	2004	9:12:28	3	131	1122.7	25.3	98
3	11	2004	9:12:44	3	132	1122.7	25.3	98
3	11	2004	9:13:01	3	133	1122.7	25.3	98
3	11	2004	9:13:13	3	134	1122.7	25.3	98
3	11	2004	9:13:28	3	135	1122.8	25.3	99
3	11	2004	9:13:44	3	136	1122.8	25.3	99
3	11	2004	9:14:01	3	137	1122.8	25.3	99
3	11	2004	9:14:13	3	138	1122.8	25.3	99
3	11	2004	9:14:28	3	139	1122.8	25.3	99
3	11	2004	9:14:44	3	140	1122.8	25.3	99
3	11	2004	9:15:01	3	141	1122.8	25.3	99
3	11	2004	9:15:13	3	142	1122.8	25.3	99
3	11	2004	9:15:28	3	143	1122.8	25.3	99
3	11	2004	9:15:44	3	144	1122.7	25.3	99

RWU 11-36B MIT

RWU 11-36B								
3000	PSIG	2404-1	14	OCT	2004			
DATE	MONTH	YEAR	TIME	FILE #	SAMPLE #	CASING PSIG	BAR	AMBIENT TEMP.
3	11	2004	9:16:01	3	145	1122.8	25.3	99
3	11	2004	9:16:13	3	146	1122.8	25.3	99
3	11	2004	9:16:28	3	147	1122.8	25.3	99
3	11	2004	9:16:44	3	148	1122.8	25.3	99
3	11	2004	9:17:01	3	149	1122.8	25.3	99
3	11	2004	9:17:13	3	150	1122.8	25.3	100
3	11	2004	9:17:28	3	151	1122.8	25.3	100
3	11	2004	9:17:43	3	152	1122.8	25.3	100
3	11	2004	9:17:59	3	153	1122.8	25.3	100
3	11	2004	9:18:16	3	154	1122.8	25.3	100
3	11	2004	9:18:28	3	155	1122.8	25.3	100
3	11	2004	9:18:43	3	156	1122.8	25.3	100
3	11	2004	9:18:59	3	157	1122.8	25.3	100
3	11	2004	9:19:16	3	158	1122.8	25.3	100
3	11	2004	9:19:28	3	159	1122.8	25.3	100
3	11	2004	9:19:43	3	160	1122.8	25.3	100
3	11	2004	9:19:59	3	161	1122.8	25.3	100
3	11	2004	9:20:16	3	162	1122.8	25.3	100
3	11	2004	9:20:28	3	163	1122.8	25.3	100
3	11	2004	9:20:43	3	164	1122.8	25.3	100
3	11	2004	9:20:59	3	165	1122.8	25.3	100
3	11	2004	9:21:16	3	166	1122.8	25.3	100
3	11	2004	9:21:28	3	167	1122.8	25.3	100
3	11	2004	9:21:43	3	168	1122.8	25.3	100
3	11	2004	9:21:59	3	169	965.2	25.3	100
3	11	2004	9:22:16	3	170	685.2	25.3	100
3	11	2004	9:22:28	3	171	405.13	25.3	100
3	11	2004	9:22:43	3	172	125.12	25.3	100
3	11	2004	9:22:58	3	173	0	25.3	101
3	11	2004	9:23:14	3	174	0	25.3	101

RWU 11-36B MIT

RWU 11-36B								
3000	PSIG	2404-1	14	OCT	2004			
DATE	MONTH	YEAR	TIME	FILE #	SAMPLE #	CASING PSIG	BAR	AMBIENT TEMP.



Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
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**

FROM: (Old Operator):	**TO:** (New Operator):
N2460-QEP Uinta Basin, Inc.	N5085-Questar E&P Company
1050 17th St, Suite 500	1050 17th St, Suite 500
Denver, CO 80265	Denver, CO 80265
Phone: 1 (303) 672-6900	Phone: 1 (303) 672-6900

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

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 1/31/2005

4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143

5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

5b. Inspections of LA PA state/fee well sites complete on: n/a

5c. Reports current for Production/Disposition & Sundries on: n/a

6. **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

7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007

8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on:

9. **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:

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

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 799446

3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033

3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (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

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

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	SENW	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	SENW	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

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

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

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
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	SENW	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	SENW	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	SENW	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	SENW	13	070S	220E	4304733765	13296	Federal	OW	S
RWU 22-29B	RW 22-29B	SENW	29	070S	230E	4304733766	5670	Federal	OW	S

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

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	SENW	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	SENW	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

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 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.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
	7. UNIT or CA AGREEMENT NAME: see attached
	8. WELL NAME and NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY	9. API NUMBER: attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 308-3068	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	COUNTY: Uintah STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ 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) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs

SIGNATURE DATE 3/16/2007

(This space for State use only)

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

(5/2000) (See Instructions on Reverse Side)

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.

5. LEASE DESIGNATION AND SERIAL NUMBER: see attached	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached	
7. UNIT or CA AGREEMENT NAME: see attached	
1 TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY	9. API NUMBER: attached
3 ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265	PHONE NUMBER: (303) 308-3068 / 10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL: FOOTAGES AT SURFACE: attached	COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH

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

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

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) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs

SIGNATURE [signature] DATE 4/17/2007

(This space for State use only)

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

(5/2000) (See Instructions on Reverse Side)

United States Department of the Interior

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

TAKE PRIDE IN AMERICA

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

QUESTAR

A. M. Petrik
Phone: 303-308-3053
Fax: 303-308-3619
Email: ann.petrik@questar.com

Questar Exploration and Production Company
Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel 303 672 6900 • Fax 303 294 9632

Rocky Mountain Region

December 1, 2009

Accepted by the
Utah Divis
Oil, Gas and
FOR RECORD ONLY

Mr. Nathan Wiser (8ENF-UFO)
U.S. Environmental Protection Agency, Region 8
1595 Wynkoop Street
Denver, Colorado 80202-1129

RE: Mechanical Integrity Test (MIT)
for
RW 11-36B
UIC #UT20000-02453
API #43-047-31052
Location: NWNW Section 36 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 303-308-3053.

Sincerely,

Ann M. Petrik
Engineering Analyst

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
JAN 06 2010
DIV. OF OIL, GAS & MINING

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 WITNES NO **DATE:** 11/5/2009 **TIME:** 11:30 ☑ AM ☐ PM

TEST CONDUCTED BY: A. JAY HARDINGER

OTHERS PRESENT: KEVIN CARTER

API NUMBER: 43-047-31052 **EPA ID NUMBER:** UT20000-02453

WELL NAME: RW 11-36B **TYPE:** ☑ ER ☐ SWD **STATUS:** ☑ AC ☐ TA ☐ UC

FIELD: RED WASH

WELL LOCATION: NW NW.SEC. 36, R 23E, T7S ☐ N ☐ S ☐ E ☐ W **COUNTY:** UINTAH **STATE:** UTAH

OPERATOR: QEP UINTA BASIN INC.

LAST MIT: 3-Nov-04 **MAXIMUM ALLOWABLE PRESSURE:** 1939 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: 185 BPD

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

MIT DATA TABLE	TEST #1	TEST #2	TEST #3
TUBING PRESSURE			
INITIAL PRESSURE	1800 PSIG	PSIG	PSIG
END OF TEST PRESSURE	1795 PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	
0 MINUTES	11:55.29 @ 1219 PSIG	1800 PSIG	PSIG
5 MINUTES	12:01.05 @ 1206.2 PSIG	1800 PSIG	PSIG
10 MINUTES	12:06.27 @ 1204.5 PSIG	1790 PSIG	PSIG
15 MINUTES	12:11.31@ 1202.9 PSIG	1790 PSIG	PSIG
20 MINUTES	12:16.16@ 1202.4 PSIG	1800 PSIG	PSIG
25 MINUTES	12:21.37@ 1201.3 PSIG	1800 PSIG	PSIG
30 MINUTES	12:26.31@ 1200.8 PSIG	1795 PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
RESULT	☑ PASS ☐ FAIL	☐ PASS ☐ FAIL	☐ PASS ☐ FAIL

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

QUESTAR EXPLORATION AND PRODUCTION CO
RW 11-36B
MIT

5000	PSIG	24904-2	10	JUN	2009			
DATE	MONTH	YEAR	TIME	FILE	SAMPE #	CASING PSI	TUBING PSI	AMBIENT TEMP.
5	NOV	2009	11:49:11	1	1	0		68
5	NOV	2009	11:49:25	1	2	0		68
5	NOV	2009	11:49:39	1	3	0		68
5	NOV	2009	11:49:53	1	4	0		68
5	NOV	2009	11:50:07	1	5	0		68
5	NOV	2009	11:50:21	1	6	0		68
5	NOV	2009	11:50:35	1	7	0		68
5	NOV	2009	11:50:49	1	8	0		68
5	NOV	2009	11:51:03	1	9	0		68
5	NOV	2009	11:51:17	1	10	0		68
5	NOV	2009	11:51:31	1	11	0		68
5	NOV	2009	11:51:45	1	12	0		68
5	NOV	2009	11:51:59	1	13	0		68
5	NOV	2009	11:52:14	1	14	0		68
5	NOV	2009	11:52:28	1	15	0		68
5	NOV	2009	11:52:41	1	16	0		68
5	NOV	2009	11:52:55	1	17	0		68
5	NOV	2009	11:53:09	1	18	0		68
5	NOV	2009	11:53:23	1	19	0		68
5	NOV	2009	11:53:37	1	20	0		68
5	NOV	2009	11:53:51	1	21	0		68
5	NOV	2009	11:54:05	1	22	129.26		68
5	NOV	2009	11:54:19	1	23	319.05		68
5	NOV	2009	11:54:33	1	24	524.6		66
5	NOV	2009	11:54:47	1	25	733.5		66
5	NOV	2009	11:55:01	1	26	939.5		66
5	NOV	2009	11:55:15	1	27	1140.3		66
5	NOV	2009	11:55:29	1	28	1219	1800	66
5	NOV	2009	11:55:43	1	29	1210.7		66
5	NOV	2009	11:55:57	1	30	1207.6		66
5	NOV	2009	11:56:12	1	31	1209.7		66
5	NOV	2009	11:56:26	1	32	1211		66
5	NOV	2009	11:56:39	1	33	1211.2		66
5	NOV	2009	11:56:53	1	34	1210.3		66
5	NOV	2009	11:57:07	1	35	1209.4		66
5	NOV	2009	11:57:21	1	36	1208.9		66
5	NOV	2009	11:57:35	1	37	1208.9		66
5	NOV	2009	11:57:49	1	38	1208.9		66
5	NOV	2009	11:58:03	1	39	1208.6		66
5	NOV	2009	11:58:17	1	40	1208.1		66
5	NOV	2009	11:58:31	1	41	1207.9		66
5	NOV	2009	11:58:45	1	42	1207.7		66
5	NOV	2009	11:58:59	1	43	1207.6		66
5	NOV	2009	11:59:13	1	44	1207.5		66
5	NOV	2009	11:59:27	1	45	1207.3		66
5	NOV	2009	11:59:41	1	46	1207.1		66
5	NOV	2009	11:59:55	1	47	1206.9		66

QUESTAR EXPLORATION AND PRODUCTION CO
RW 11-36B
MIT

5	NOV	2009	12:00:10	1	48	1206.9		66
5	NOV	2009	12:00:24	1	49	1206.7		66
5	NOV	2009	12:00:37	1	50	1206.6		66
5	NOV	2009	12:00:51	1	51	1206.3		66
5	NOV	2009	12:01:05	1	52	1206.2	1800	66
5	NOV	2009	12:01:19	1	53	1206.3		66
5	NOV	2009	12:01:33	1	54	1206.3		66
5	NOV	2009	12:01:47	1	55	1206		66
5	NOV	2009	12:02:01	1	56	1206		66
5	NOV	2009	12:02:15	1	57	1205.7		66
5	NOV	2009	12:02:29	1	58	1205.6		66
5	NOV	2009	12:02:43	1	59	1205.4		66
5	NOV	2009	12:02:57	1	60	1205.5		66
5	NOV	2009	12:03:11	1	61	1205.3		66
5	NOV	2009	12:03:25	1	62	1205.1		66
5	NOV	2009	12:03:39	1	63	1205.1		66
5	NOV	2009	12:03:53	1	64	1205		66
5	NOV	2009	12:04:08	1	65	1205		66
5	NOV	2009	12:04:22	1	66	1204.9		66
5	NOV	2009	12:04:35	1	67	1205		66
5	NOV	2009	12:04:49	1	68	1204.8		66
5	NOV	2009	12:05:03	1	69	1204.7		66
5	NOV	2009	12:05:17	1	70	1204.6		66
5	NOV	2009	12:05:31	1	71	1204.4		66
5	NOV	2009	12:05:45	1	72	1204.3		66
5	NOV	2009	12:05:59	1	73	1204.3		66
5	NOV	2009	12:06:13	1	74	1204.4		66
5	NOV	2009	12:06:27	1	75	1204.5	1790	64
5	NOV	2009	12:06:41	1	76	1204.3		64
5	NOV	2009	12:06:55	1	77	1204.3		64
5	NOV	2009	12:07:09	1	78	1204.1		64
5	NOV	2009	12:07:23	1	79	1204		64
5	NOV	2009	12:07:37	1	80	1203.8		64
5	NOV	2009	12:07:51	1	81	1203.9		64
5	NOV	2009	12:08:05	1	82	1203.9		64
5	NOV	2009	12:08:20	1	83	1203.9		64
5	NOV	2009	12:08:34	1	84	1203.7		64
5	NOV	2009	12:08:47	1	85	1203.9		64
5	NOV	2009	12:09:01	1	86	1203.7		64
5	NOV	2009	12:09:15	1	87	1203.6		64
5	NOV	2009	12:09:29	1	88	1203.3		64
5	NOV	2009	12:09:43	1	89	1203.3		64
5	NOV	2009	12:09:57	1	90	1203.4		64
5	NOV	2009	12:10:11	1	91	1203.3		64
5	NOV	2009	12:10:25	1	92	1203.3		64
5	NOV	2009	12:10:39	1	93	1203.4		64
5	NOV	2009	12:10:53	1	94	1203.2		64
5	NOV	2009	12:11:07	1	95	1203		64
5	NOV	2009	12:11:21	1	96	1202.8		64
5	NOV	2009	12:11:35	1	97	1202.9	1790	64
5	NOV	2009	12:11:49	1	98	1202.9		64
5	NOV	2009	12:12:03	1	99	1203		64

QUESTAR EXPLORATION AND PRODUCTION CO
RW 11-36B
MIT

5	NOV	2009	12:12:18	1	100	1203.1		64
5	NOV	2009	12:12:32	1	101	1202.8		64
5	NOV	2009	12:12:45	1	102	1202.7		64
5	NOV	2009	12:12:59	1	103	1202.7		64
5	NOV	2009	12:13:13	1	104	1202.7		64
5	NOV	2009	12:13:27	1	105	1202.6		64
5	NOV	2009	12:13:41	1	106	1202.7		64
5	NOV	2009	12:13:55	1	107	1202.5		64
5	NOV	2009	12:14:09	1	108	1202.3		64
5	NOV	2009	12:14:23	1	109	1202.3		64
5	NOV	2009	12:14:37	1	110	1202.5		64
5	NOV	2009	12:14:51	1	111	1202.6		64
5	NOV	2009	12:15:05	1	112	1202.4		64
5	NOV	2009	12:15:19	1	113	1202.4		64
5	NOV	2009	12:15:33	1	114	1202.1		64
5	NOV	2009	12:15:47	1	115	1202.1		64
5	NOV	2009	12:16:01	1	116	1202		64
5	NOV	2009	12:16:16	1	117	1202.4		63
5	NOV	2009	12:16:30	1	118	1202.2	1800	63
5	NOV	2009	12:16:43	1	119	1202.3		63
5	NOV	2009	12:16:57	1	120	1202.1		63
5	NOV	2009	12:17:11	1	121	1202.1		63
5	NOV	2009	12:17:25	1	122	1201.7		63
5	NOV	2009	12:17:39	1	123	1201.8		63
5	NOV	2009	12:17:53	1	124	1201.9		63
5	NOV	2009	12:18:07	1	125	1202		63
5	NOV	2009	12:18:21	1	126	1202		63
5	NOV	2009	12:18:35	1	127	1201.9		63
5	NOV	2009	12:18:49	1	128	1201.9		63
5	NOV	2009	12:19:03	1	129	1202		63
5	NOV	2009	12:19:17	1	130	1201.7		63
5	NOV	2009	12:19:31	1	131	1201.6		63
5	NOV	2009	12:19:45	1	132	1201.4		63
5	NOV	2009	12:19:59	1	133	1201.7		63
5	NOV	2009	12:20:14	1	134	1202		63
5	NOV	2009	12:20:28	1	135	1201.8		63
5	NOV	2009	12:20:41	1	136	1201.6		63
5	NOV	2009	12:20:55	1	137	1201.5		63
5	NOV	2009	12:21:09	1	138	1201.6		63
5	NOV	2009	12:21:23	1	139	1201.7		63
5	NOV	2009	12:21:37	1	140	1201.3	1800	63
5	NOV	2009	12:21:51	1	141	1201.3		63
5	NOV	2009	12:22:05	1	142	1201.7		63
5	NOV	2009	12:22:19	1	143	1201.4		63
5	NOV	2009	12:22:33	1	144	1201.2		63
5	NOV	2009	12:22:47	1	145	1201.1		63
5	NOV	2009	12:23:01	1	146	1201.3		63
5	NOV	2009	12:23:15	1	147	1201.4		63
5	NOV	2009	12:23:29	1	148	1201.2		63
5	NOV	2009	12:23:43	1	149	1201.1		63
5	NOV	2009	12:23:57	1	150	1201.1		63
5	NOV	2009	12:24:12	1	151	1201.3		63

QUESTAR EXPLORATION AND PRODUCTION CO

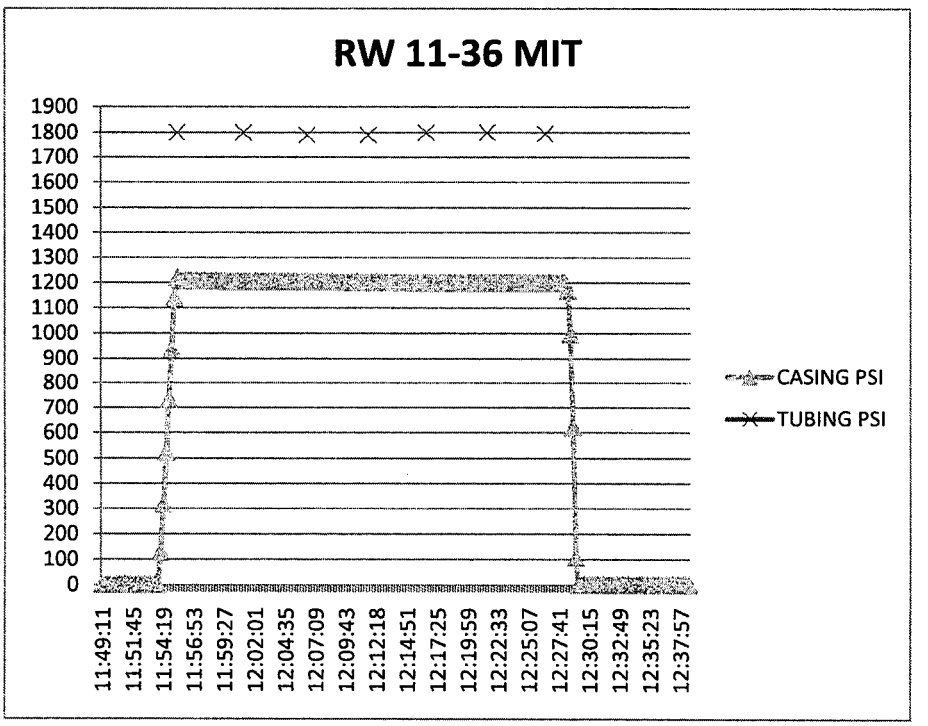
RW 11-36B

MIT

5	NOV	2009	12:24:26	1	152	1201.3		63
5	NOV	2009	12:24:39	1	153	1201.1		63
5	NOV	2009	12:24:53	1	154	1201.1		63
5	NOV	2009	12:25:07	1	155	1201.2		63
5	NOV	2009	12:25:21	1	156	1201		63
5	NOV	2009	12:25:35	1	157	1201		63
5	NOV	2009	12:25:49	1	158	1200.8		63
5	NOV	2009	12:26:03	1	159	1201.2		63
5	NOV	2009	12:26:17	1	160	1201		63
5	NOV	2009	12:26:31	1	161	1200.8	1795	63
5	NOV	2009	12:26:45	1	162	1200.8		63
5	NOV	2009	12:26:59	1	163	1200.8		63
5	NOV	2009	12:27:13	1	164	1200.9		63
5	NOV	2009	12:27:27	1	165	1201		63
5	NOV	2009	12:27:41	1	166	1200.7		63
5	NOV	2009	12:27:55	1	167	1200.7		63
5	NOV	2009	12:28:10	1	168	1200.5		63
5	NOV	2009	12:28:24	1	169	1171.4		63
5	NOV	2009	12:28:37	1	170	997.5		61
5	NOV	2009	12:28:51	1	171	621.3		61
5	NOV	2009	12:29:05	1	172	108.38		61
5	NOV	2009	12:29:19	1	173	0		61
5	NOV	2009	12:29:33	1	174	0		61
5	NOV	2009	12:29:47	1	175	0		61
5	NOV	2009	12:30:01	1	176	0		61
5	NOV	2009	12:30:15	1	177	0		61
5	NOV	2009	12:30:29	1	178	0		61
5	NOV	2009	12:30:43	1	179	0		61
5	NOV	2009	12:30:57	1	180	0		61
5	NOV	2009	12:31:11	1	181	0		61
5	NOV	2009	12:31:25	1	182	0		61
5	NOV	2009	12:31:39	1	183	0		61
5	NOV	2009	12:31:53	1	184	0		61
5	NOV	2009	12:32:08	1	185	0		61
5	NOV	2009	12:32:22	1	186	0		61
5	NOV	2009	12:32:35	1	187	0		61
5	NOV	2009	12:32:49	1	188	0		61
5	NOV	2009	12:33:03	1	189	0		61
5	NOV	2009	12:33:17	1	190	0		61
5	NOV	2009	12:33:31	1	191	0		61
5	NOV	2009	12:33:45	1	192	0		61
5	NOV	2009	12:33:59	1	193	0		61
5	NOV	2009	12:34:13	1	194	0		61
5	NOV	2009	12:34:27	1	195	0		63
5	NOV	2009	12:34:41	1	196	0		63
5	NOV	2009	12:34:55	1	197	0		63
5	NOV	2009	12:35:09	1	198	0		63
5	NOV	2009	12:35:23	1	199	0		63
5	NOV	2009	12:35:37	1	200	0		63
5	NOV	2009	12:35:51	1	201	0		63
5	NOV	2009	12:36:05	1	202	0		63
5	NOV	2009	12:36:20	1	203	0		63
5	NOV	2009	12:36:34	1	204	0		63

QUESTAR EXPLORATION AND PRODUCTION CO
RW 11-36B
MIT

5	NOV	2009	12:36:47	1	205	0	63
5	NOV	2009	12:37:01	1	206	0	63
5	NOV	2009	12:37:15	1	207	0	63
5	NOV	2009	12:37:29	1	208	0	63
5	NOV	2009	12:37:43	1	209	0	63
5	NOV	2009	12:37:57	1	210	0	63
5	NOV	2009	12:38:11	1	211	0	63
5	NOV	2009	12:38:25	1	212	0	63
5	NOV	2009	12:38:39	1	213	0	63



Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

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

The operator of the well(s) listed below has changed, effective: **6/14/2010**

FROM: (Old Operator):	**TO:** (New Operator):
N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048

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

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/24/2010
4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
5a. (R649-9-2)Waste Management Plan has been received on: Requested
5b. Inspections of LA PA state/fee well sites complete on: n/a
5c. Reports current for Production/Disposition & Sundries on: ok
6. **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 8/16/2010 BIA not yet
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** 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: 6/29/2010

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 6/30/2010
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 6/30/2010
3. Bond information entered in RBDMS on: 6/30/2010
4. Fee/State wells attached to bond in RBDMS on: 6/30/2010
5. Injection Projects to new operator in RBDMS on: 6/30/2010
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 965010693
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (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:

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.

5. LEASE DESIGNATION AND SERIAL NUMBER:	See attached
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	See attached
7. UNIT or CA AGREEMENT NAME:	See attached
8. WELL NAME and NUMBER:	See attached
9. API NUMBER:	Attached
10. FIELD AND POOL, OR WILDCAT:	See attached

1 TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER

2 NAME OF OPERATOR: Questar Exploration and Production Company N5085

3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 672-6900

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached COUNTY: Attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 6/14/2010	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ 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~~ 965010695
Fee Land Bond Number: ~~965003033~~
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) Morgan Anderson TITLE Regulatory Affairs Analyst

SIGNATURE Morgan Anderson DATE 6/23/2010

(This space for State use only)

RECEIVED
JUN 2 8 2010
DIV. OF OIL, GAS & MINING

APPROVED 6/30/2009
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000) (See Instructions on Reverse Side)

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 Bankert

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

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

EFFECTIVE DATE OF TRANSFER: 6/14/2010

CURRENT OPERATOR

Company: Questar Exploration and Production Company
Address: 1050 17th Street, Suite 500
city Denver state CO zip 80265
Phone: (303) 672-6900
Comments:

Name: Ann Petrik
Signature:
Title: Engineering Analyst
Date: 6/28/2010

NEW OPERATOR

Company: QEP Energy Company
Address: 1050 17th Street, Suite 500
city Denver state CO zip 80265
Phone: (303) 672-6900
Comments:

Name: Ann Petrik
Signature:
Title: Engineering Analyst
Date: 6/28/2010

(This space for State use only)

Transfer approved by:
Title:
Approval Date:

Comments:

Accepted by the
Utah Division of
Oil, Gas and Mining
Date: 6/29/10
By: D. James

EPA approved well

(5/2000)

RECEIVED
JUN 2 8 2010
DIV. OF OIL, GAS & MINING

QEP Energy Company

Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel 303-672-6900
Fax 303-294-9632

Rocky Mountain Region

June 24, 2014

RECEIVED
JUN 27 2014
DIV. OF OIL, GAS & MINING

Ms. Sarah Roberts (8ENF-UFO)
U.S. Environmental Protection Agency, Region 8
1595 Wynkoop Street
Denver, CO 80202-1129

43 047 31052
36 7S 23E

RE: Notice of Violation for overdue MIT:
RW 33-19B (UT2903-04611)
→ RW 11-36B (UT2000-02453)
RW 33-20B (UT2895-04604)
RW 34-24A (UT20898-04607)

Dear Ms. Roberts:

On May 7, 2014 QEP received a letter from the EPA stating that a review of the Annual Monitoring Reports for several of our UIC wells has resulted in a status change from Active to Temporarily Abandoned. Additionally, the letter identified the wells above as being out of compliance with the every two-year MIT requirement for wells with TA status. QEP has conducted MITs on three of the four wells, and the results are attached. The RW 34-24A was recompleted as an oil well. The attached subsequent report sundries submitted to the BLM and UDOGM detail this procedure.

QEP will continue to perform MITs on RW 33-19B, 11-36B and 33-20B every two years in order to comply with EPA rules. I have updated our internal database to reflect the new status designation.

If you have any questions or need additional information, please contact me at 303-308-3060. Thank you.

Sincerely,

Morgan Anderson

Morgan Anderson
Regulatory Affairs Analyst

Enclosures: MIT Casing or Annulus Pressure Test Form
MIT Results Spreadsheet with Pressure Test Chart
BLM and UDOGM Subsequent Report Sundries

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: NONE **DATE:** 6/17/2014 **TIME:** 12:30 ☐ AM ☑ PM

TEST CONDUCTED BY: TONY JENNE QEP ENERGY COMPANY

OTHERS PRESENT: CODY HAGEL K&E HOT OIL

API NUMBER- 43-047-31052 **EPA ID NUMBER-** UT2000-02453

WELL NAME: RW 11-36B **TYPE:** ☑ ER ☐ SWD **STATUS:** ☐ AC ☑ TA ☐ UC

LEASE: UTU0566

FIELD: RED WASH **UNIT:** 8920007610

WELL LOCATION: NW/4, NW/4, SEC 36, T7S ☐ N ☑ S R23E ☑ E ☐ W **COUNTY:** UINTAH **STATE:** UTAH

OPERATOR: QEP ENERGY COMPANY

LAST MIT: 11/5/2009 **MAXIMUM ALLOWABLE PRESSURE:** 1939 **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: 30 :PSIG

MIT DATA TABLE	TEST #1	TEST #2	TEST #3
TUBING PRESSURE			
INITIAL PRESSURE	607 PSIG	PSIG	PSIG
END OF TEST PRESSURE	606 PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	
0 MINUTES	1144.8 PSIG	608.6 PSIG	PSIG
5 MINUTES	1128.7 PSIG	607.8 PSIG	PSIG
10 MINUTES	1118.6 PSIG	607.3 PSIG	PSIG
15 MINUTES	1108.4 PSIG	607 PSIG	PSIG
20 MINUTES	1099.2 PSIG	606.8 PSIG	PSIG
25 MINUTES	1090.3 PSIG	606.5 PSIG	PSIG
30 MINUTES	1081.4 PSIG	606.5 PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
RESULT	☑ PASS ☐ FAIL	☐ PASS ☐ FAIL	☐ PASS ☐ FAIL

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

QEP ENERGY COMPANY RW 11-36B JUNE 17, 2014

3000 PSIG

Date	Time	Casing Pressure	Tubing Pressure	Temp
6/17/2014	12:34:04	30	607	78
6/17/2014	12:34:20	0		80
6/17/2014	12:34:36	0		80
6/17/2014	12:34:52	0		80
6/17/2014	12:35:08	24.802		80
6/17/2014	12:35:24	115.84		82
6/17/2014	12:35:40	266.67		82
6/17/2014	12:35:56	419.02		82
6/17/2014	12:36:12	461.4		82
6/17/2014	12:36:28	461.13		82
6/17/2014	12:36:44	588.6		84
6/17/2014	12:37:00	740.3		84
6/17/2014	12:37:16	889		84
6/17/2014	12:37:32	1034.9		84
6/17/2014	12:37:48	1148		84
6/17/2014	12:38:04	1148.5		86
6/17/2014	12:38:20	1147.4		86
6/17/2014	12:38:36	1146.1		86
6/17/2014	12:38:52	1144.8	608.6	86
6/17/2014	12:39:08	1143.4		86
6/17/2014	12:39:24	1142.1		86
6/17/2014	12:39:40	1141		87
6/17/2014	12:39:56	1140		87
6/17/2014	12:40:12	1139.2		87
6/17/2014	12:40:28	1138.4		87
6/17/2014	12:40:44	1137.6		87
6/17/2014	12:41:00	1136.9		87
6/17/2014	12:41:16	1136.2		87
6/17/2014	12:41:32	1135.5		87
6/17/2014	12:41:48	1134.8		87
6/17/2014	12:42:04	1134		89
6/17/2014	12:42:20	1133.3		89
6/17/2014	12:42:36	1132.6		89
6/17/2014	12:42:52	1132		89
6/17/2014	12:43:08	1131.3		89
6/17/2014	12:43:24	1130.6		89
6/17/2014	12:43:40	1130		89
6/17/2014	12:43:56	1129.4		89
6/17/2014	12:44:12	1128.7	607.8	89
6/17/2014	12:44:28	1128.1		89
6/17/2014	12:44:44	1127.4		91
6/17/2014	12:45:00	1126.8		91
6/17/2014	12:45:16	1126.2		91

QEP ENERGY COMPANY **RW 11-36B** **JUNE 17, 2014**

Date	Time	Casing Pressure	Tubing Pressure	Temp
6/17/2014	12:45:32	1125.6		91
6/17/2014	12:45:48	1124.9		91
6/17/2014	12:46:04	1124.3		91
6/17/2014	12:46:20	1123.7		91
6/17/2014	12:46:36	1123.1		91
6/17/2014	12:46:52	1122.5		91
6/17/2014	12:47:08	1121.9		91
6/17/2014	12:47:24	1121.4		91
6/17/2014	12:47:40	1120.8		91
6/17/2014	12:47:56	1120.3		91
6/17/2014	12:48:12	1119.7		91
6/17/2014	12:48:28	1119.1		91
6/17/2014	12:48:44	1118.6	607.3	91
6/17/2014	12:49:00	1117.9		93
6/17/2014	12:49:16	1117.4		93
6/17/2014	12:49:32	1116.8		93
6/17/2014	12:49:48	1116.3		93
6/17/2014	12:50:04	1115.7		93
6/17/2014	12:50:20	1115.2		93
6/17/2014	12:50:36	1114.6		93
6/17/2014	12:50:52	1114.1		93
6/17/2014	12:51:08	1113.5		93
6/17/2014	12:51:24	1113		93
6/17/2014	12:51:40	1112.5		93
6/17/2014	12:51:56	1112		93
6/17/2014	12:52:12	1111.5		93
6/17/2014	12:52:28	1110.9		93
6/17/2014	12:52:44	1110.4		93
6/17/2014	12:53:00	1109.9		93
6/17/2014	12:53:16	1109.4		93
6/17/2014	12:53:32	1108.9		93
6/17/2014	12:53:48	1108.4	607	93
6/17/2014	12:54:04	1107.9		93
6/17/2014	12:54:20	1107.4		93
6/17/2014	12:54:36	1106.9		93
6/17/2014	12:54:52	1106.3		93
6/17/2014	12:55:08	1105.8		93
6/17/2014	12:55:24	1105.3		93
6/17/2014	12:55:40	1104.8		93
6/17/2014	12:55:56	1104.3		93
6/17/2014	12:56:12	1103.9		93
6/17/2014	12:56:28	1103.4		93
6/17/2014	12:56:44	1102.9		93
6/17/2014	12:57:00	1102.5		91
6/17/2014	12:57:16	1102		91

QEP ENERGY COMPANY **RW 11-36B** **JUNE 17, 2014**

Date	Time	Casing Pressure	Tubing Pressure	Temp
6/17/2014	12:57:32	1101.5		91
6/17/2014	12:57:48	1101.1		91
6/17/2014	12:58:04	1100.6		91
6/17/2014	12:58:20	1100.1		91
6/17/2014	12:58:36	1099.7		89
6/17/2014	12:58:52	1099.2	606.8	89
6/17/2014	12:59:08	1098.8		89
6/17/2014	12:59:24	1098.3		89
6/17/2014	12:59:40	1097.8		89
6/17/2014	12:59:56	1097.4		89
6/17/2014	1:00:12	1096.9		89
6/17/2014	1:00:28	1096.3		89
6/17/2014	1:00:44	1095.9		89
6/17/2014	1:01:00	1095.4		89
6/17/2014	1:01:16	1094.9		89
6/17/2014	1:01:32	1094.4		89
6/17/2014	1:01:48	1093.9		89
6/17/2014	1:02:04	1093.5		89
6/17/2014	1:02:20	1093		89
6/17/2014	1:02:36	1092.5		89
6/17/2014	1:02:52	1092.1		89
6/17/2014	1:03:08	1091.6		89
6/17/2014	1:03:24	1091.1		89
6/17/2014	1:03:40	1090.7		89
6/17/2014	1:03:56	1090.3	606.5	87
6/17/2014	1:04:12	1089.8		87
6/17/2014	1:04:28	1089.3		87
6/17/2014	1:04:44	1088.9		87
6/17/2014	1:05:00	1088.4		87
6/17/2014	1:05:16	1088		87
6/17/2014	1:05:32	1087.6		87
6/17/2014	1:05:48	1087.1		87
6/17/2014	1:06:04	1086.7		87
6/17/2014	1:06:20	1086.2		87
6/17/2014	1:06:36	1085.8		87
6/17/2014	1:06:52	1085.4		87
6/17/2014	1:07:08	1085		86
6/17/2014	1:07:24	1084.5		86
6/17/2014	1:07:40	1084.1		86
6/17/2014	1:07:56	1083.8		86
6/17/2014	1:08:12	1083.4		86
6/17/2014	1:08:28	1083.1		86
6/17/2014	1:08:44	1082.7		86
6/17/2014	1:09:00	1082.4		86
6/17/2014	1:09:16	1082		86

QEP ENERGY COMPANY **RW 11-36B** **JUNE 17, 2014**

Date	Time	Casing Pressure	Tubing Pressure	Temp
6/17/2014	1:09:32	1081.7		86
6/17/2014	1:09:48	1081.4	606.5	86
6/17/2014	1:10:04	1081		86
6/17/2014	1:10:20	1080.7		86
6/17/2014	1:10:36	1080.4		86
6/17/2014	1:10:52	1080.1		86
6/17/2014	1:11:08	1079.8		86
6/17/2014	1:11:24	1079.7		86
6/17/2014	1:11:40	1079.7		86
6/17/2014	1:11:56	1079.7		86
6/17/2014	1:12:12	1079.6		86
6/17/2014	1:12:28	1079.6		86
6/17/2014	1:12:44	1079.6		86
6/17/2014	1:13:00	1079.5		86
6/17/2014	1:13:16	1079.5		86
6/17/2014	1:13:32	1079.5		86
6/17/2014	1:13:48	1079.4		86
6/17/2014	1:14:04	1079.4		86
6/17/2014	1:14:20	1022.5		86
6/17/2014	1:14:36	21.594		86
6/17/2014	1:14:52	0		86
6/17/2014	1:15:08	0		86
6/17/2014	1:15:24	0		86
6/17/2014	1:15:40	0		86
6/17/2014	1:15:56	0		86
6/17/2014	1:16:12	0		86
6/17/2014	1:16:28	0		86
6/17/2014	1:16:44	0		86
6/17/2014	1:17:00	0		86
6/17/2014	1:17:16	0	606	86
6/17/2014	1:17:32	0		86
6/17/2014	1:17:48	0		86
6/17/2014	1:18:04	0		86
6/17/2014	1:18:20	0		86
6/17/2014	1:18:36	0		86
6/17/2014	1:18:52	0		86
6/17/2014	1:19:08	0		86
6/17/2014	1:19:24	0		86
6/17/2014	1:19:40	0		86
6/17/2014	1:19:56	0		86
6/17/2014	1:20:12	0		86
6/17/2014	1:20:28	0		84
6/17/2014	1:20:44	0		84
6/17/2014	1:21:00	0		84
6/17/2014	1:21:16	0		84

QEP ENERGY COMPANY **RW 11-36B** **JUNE 17, 2014**

Date	Time	Casing Pressure	Tubing Pressure	Temp