

NOTICE OF STAKING  
(Not to be used in place of  
Application for Permit to Drill Form 3160-3)

6. Lease Number

*ML-3055*

1. Oil Well [ ] Gas Well  Other  
(Specify)

7. If Indian, Allottee  
or Tribe Name

2. Name of Operator:

*Chevron U.S.A. Inc.*

8. Unit Agreement Name

*Red Wash Unit*

3. Name of Specific Contact Person:

*Jan Watson (303) 930-3691*

9. Farm or Lease Name

*Red Wash*

4. Address & Phone No. of Operator or Agent

*PO Box 599, Denver, Co. 80201*

10. Well No.

*304(24-2E)*

*32106*

5. Surface Location of Well

Attach: a) Sketch showing road entry onto pad,  
pad dimensions, and reserve pit.  
b) Topographical or other acceptable  
map showing location, access road,  
and lease boundaries.

11. Field or Wildcat  
Name

*Red Wash*

12. Sec., T., R., N.,  
or Blk. and Survey  
or Area

*Sec. 2, T8S, R24E*

13. County, Parish or  
Borough

*Uintah*

14. State

15. Formation Objective(s)

*Green River*

16. Estimated Well  
Depth

*43-047-3010U*

*5055'*

*Utah*

17. Additional Information (as appropriate; must include surface owner's  
name, address, and telephone number)

18. Signed

*J.S. Watson*

Title

*Permit Specialist*

Date

*8/19/91*

Note: Upon receipt of this Notice, the ~~Bureau of Land Management (BLM)~~  
*Div. Oil, Gas & Mining*  
will schedule the date of the onsite predrill inspection and notify  
you accordingly. The location must be staked and access road must  
be flagged prior to the onsite.

Operators must consider the following prior to the onsite:

- a) H<sub>2</sub>S Potential
- b) Cultural Resources (Archaeology)
- c) Federal Right-of-way or Special Use Permit

RECEIVED

AUG 20 1991

(IMPORTANT: SEE REVERSE SIDE FOR INSTRUCTIONS)

DIVISION OF  
OIL GAS & MINING

1- State  
1- BLM  
1- TRB  
1- TLW

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

5. Lease Designation and Serial No.  
ML-3055

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
DRILL  DEEPEN  PLUG BACK

7. Unit Agreement Name  
Red Wash Unit

b. Type of Well  
Oil Well  Gas Well  Other   
Single Zone  Multiple Zone

8. Farm or Lease Name  
Red Wash

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

9. Well No.  
304 (24-2F)

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  
1700' FWL, 700' FSL

11. Sec., T., R., M., or Bk. and Survey or Area  
Sec. 2, T8S, R24E

At proposed prod. zone  
Same

14. Distance in miles and direction from nearest town or post office\*  
±30 miles south of Vernal, Utah

12. County or Parrish 13. State  
Uintah, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. Also to nearest drilg. line, if any  
700'

16. No. of acres in lease 17. No. of acres assigned to this well  
2480 320

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.  
5055 GRRV

20. Rotary or cable tools  
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)  
GR=5518' KB=5534 (est.)

22. Approx. date work will start\*  
9-1-91

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/2	8-5/8	24	±500'	To surface
7-7/8	5 1/2	17	±5055'	To surface

Attachments: Certified Plat  
Drilling Program  
Chevron Class III BOPE  
Geologic Program  
Multipoint Surface Use Plan

Completion procedure to be submitted by Sundry Notice.

RECEIVED

AUG 22 1991

DIVISION OF OIL GAS & MINING

TECHNICAL REVIEW  
Engr. JAM 9/24/91  
Geol. 9/18/91  
Surface B. [Signature] 9/16/91

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

24. Signed: [Signature] Title: Permit Specialist Date: 8/22/91

(This space for Federal or State office use)  
Permit No. 13-047-30106 Approval Date: 9/24/91

Approved by: [Signature] Title: [Signature]  
Conditions of approval, if any:  
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
DATE: 9/24/91  
JAM  
ELL SPACING: 615-2-3

# T8S, R24E, S.L.B.&M.

CHEVRON U.S.A., INC.

Well location, RED WASH UNIT #304 (24-2F), located as shown in the SE 1/4 SW 1/4 of Section 2, T8S, R24E, S.L.B.&M. Uintah County, Utah.

## BASIS OF ELEVATION

SPOT ELEVATION AT A ROAD INTERSECTION IN THE NE 1/4 OF SECTION 2, T8S, R24E, S.L.B.&M. TAKEN FROM THE DINOSAUR NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5597 FEET.



## CERTIFICATE

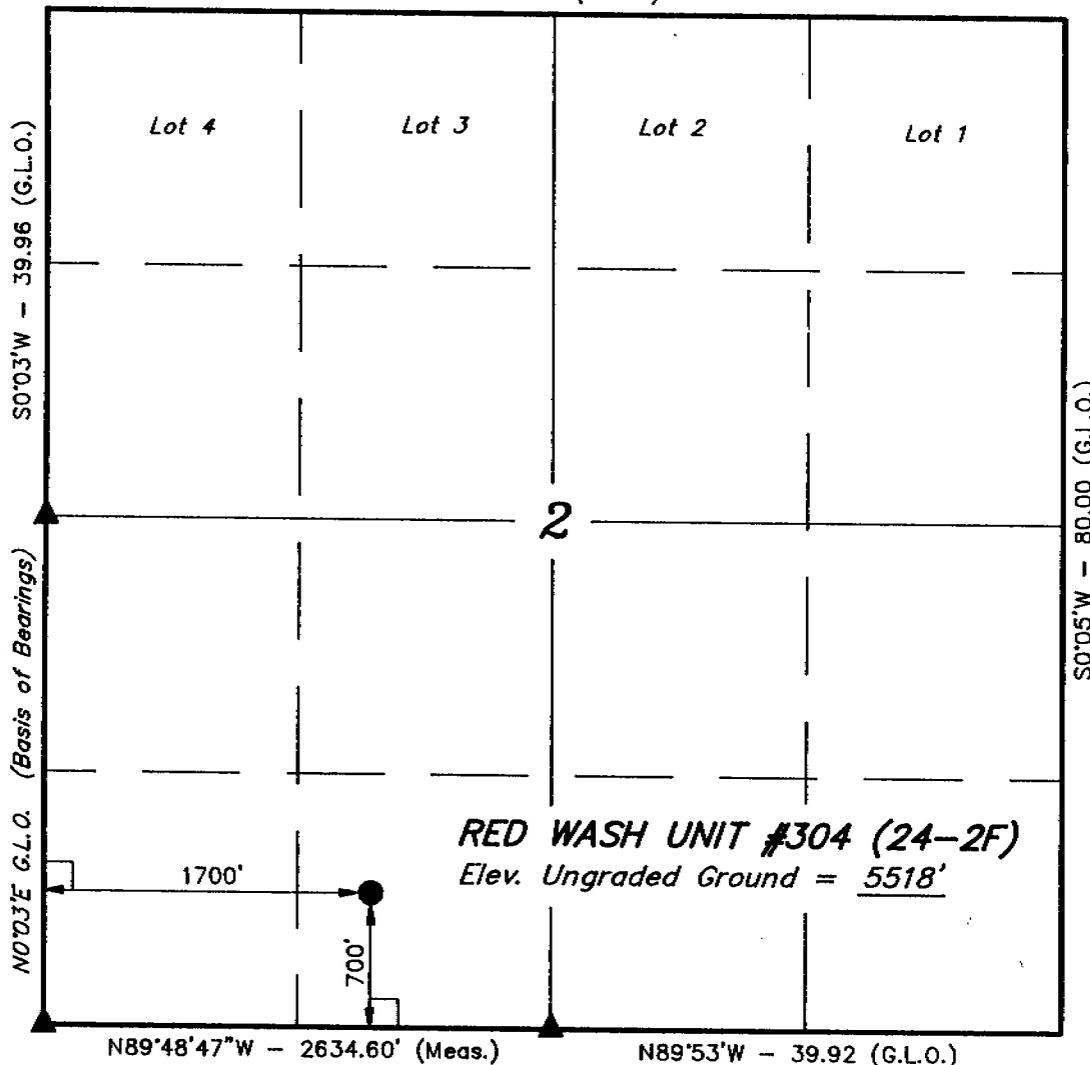
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 5709  
 STATE OF UTAH

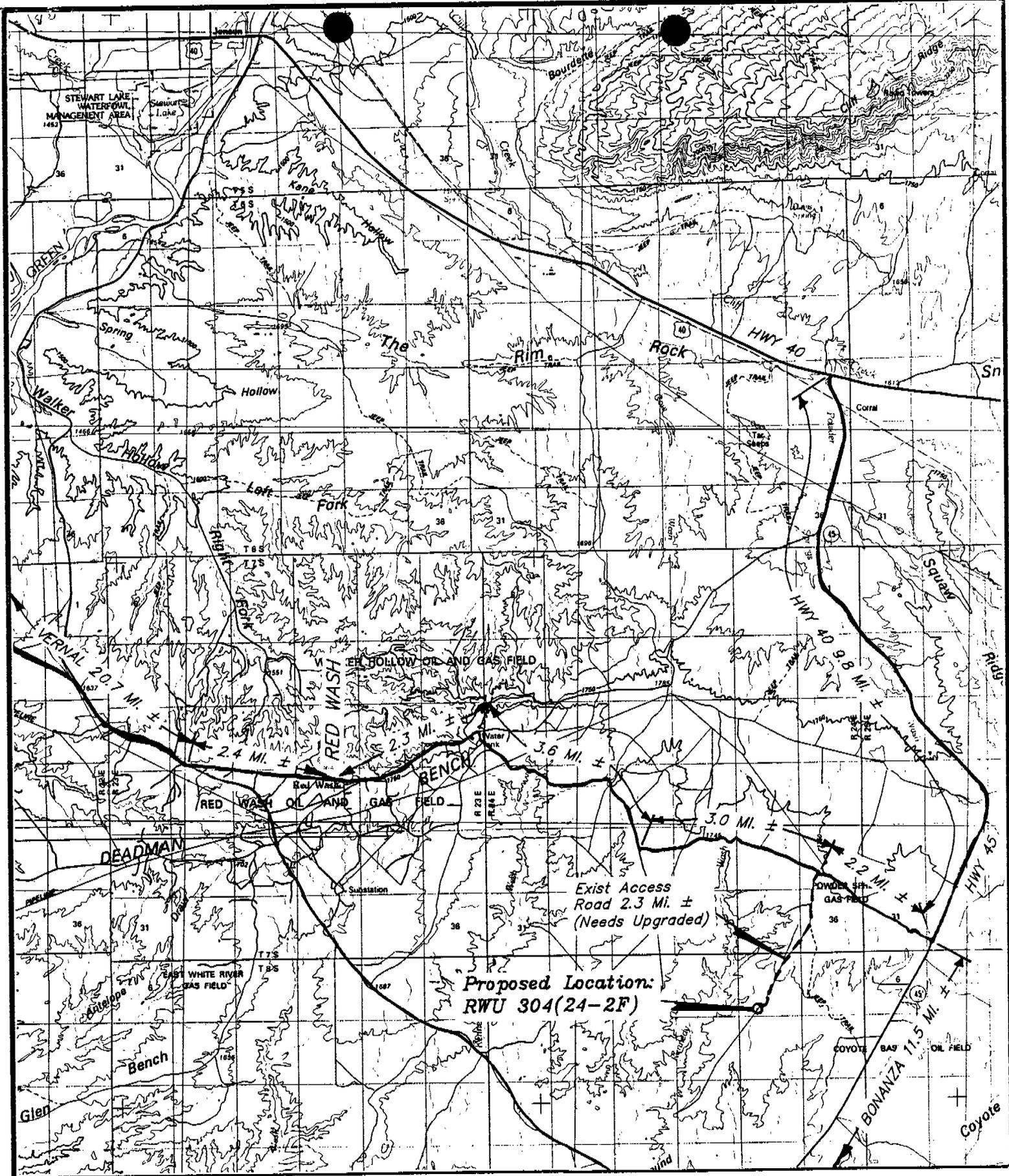
**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (801) 789-1017

SCALE 1" = 1000'	DATE 8-6-91
PARTY G.S. D.S. J.R.S.	REFERENCES G.L.O. PLAT
WEATHER HOT	FILE CHEVRON U.S.A., INC.

S89°58'E (G.L.O.)



▲ = SECTION CORNERS LOCATED. (1916 Brass Caps)



TOPOGRAPHIC  
MAP "A"

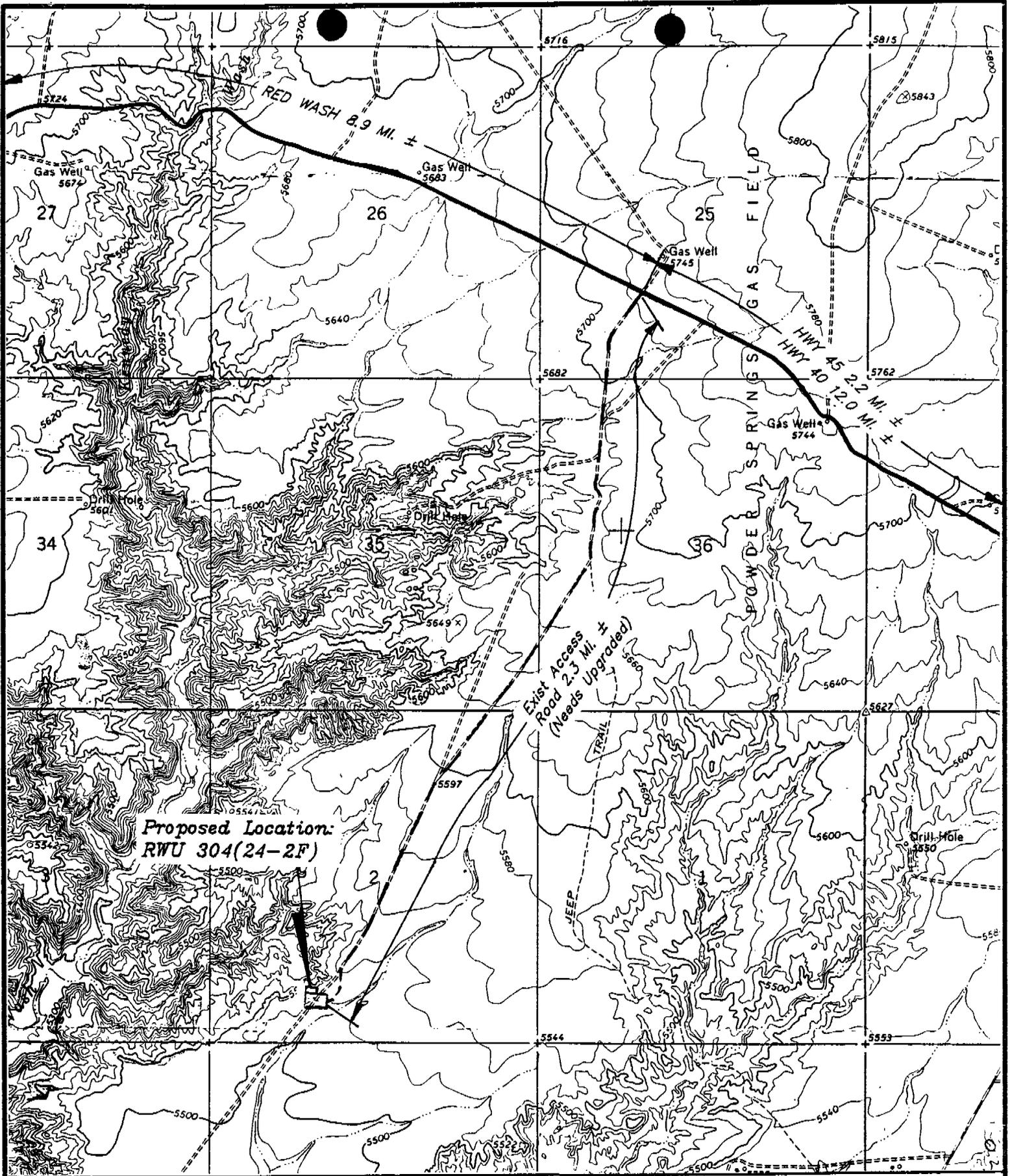
DATE 8-7-91 MDA



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

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RED WASH UNIT 304(24-2F)  
SECTION 2, T8S, R24E, S.L.B.&M.

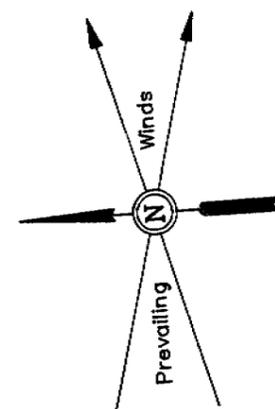
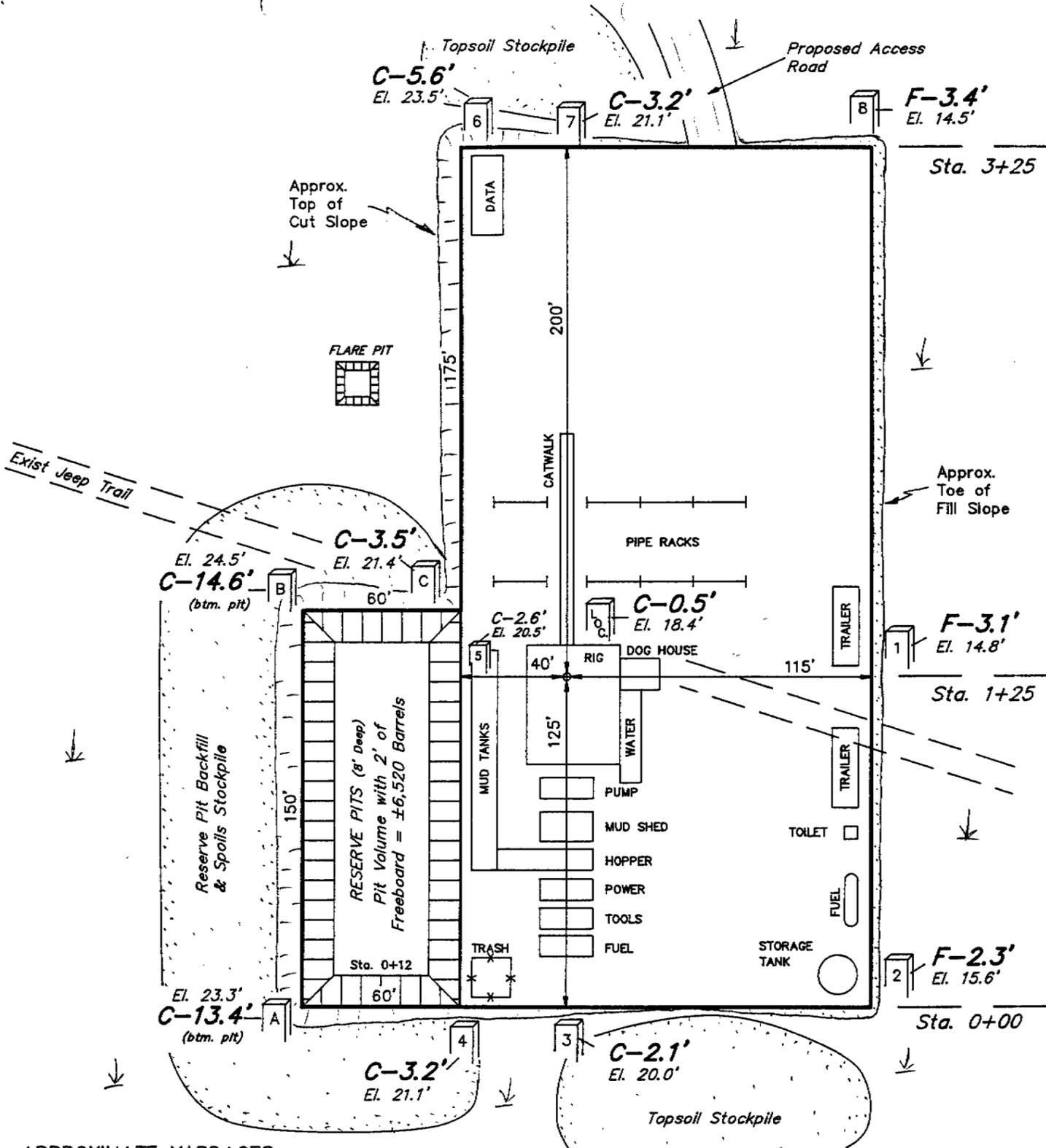


TOPOGRAPHIC  
 MAP "B"  
 SCALE: 1" = 2000'  
 DATE 8-7-91 MDA

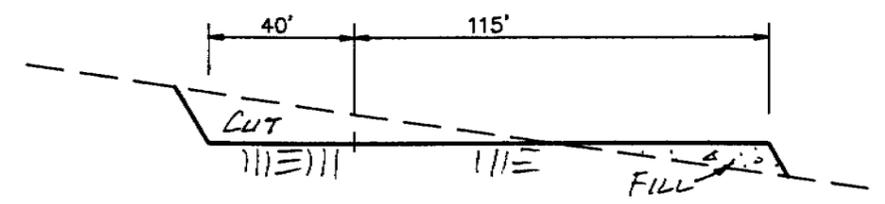


**CHEVRON U.S.A., INC.**  
 RED WASH UNIT 304(24-2F)  
 SECTION 2, T8S, R24E, S.L.B.&M.

CHEVRON U.S.A., INC.  
 LOCATION LAYOUT FOR  
 RED WASH UNIT #304 (24-2F)  
 SECTION 2, T8S, R24E, S.L.B.&M.

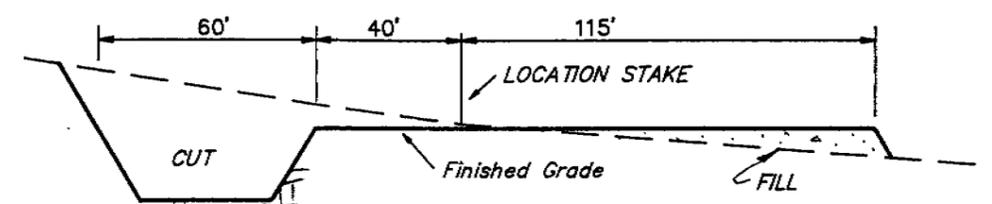


SCALE: 1" = 50'  
 DATE: 8-6-91  
 Drawn By: J.R.S.



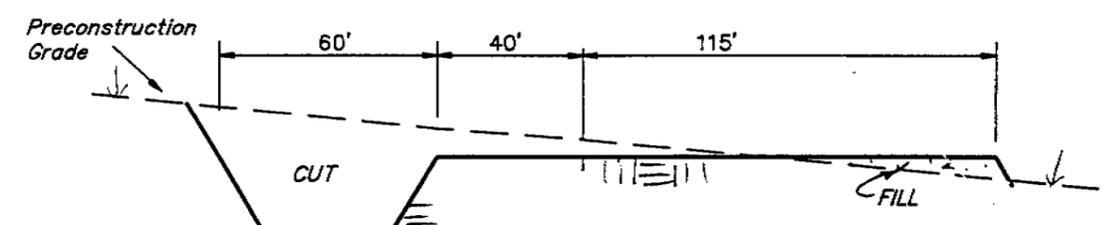
STA. 3+25

X-Section Scale  
 1" = 20'  
 1" = 50'

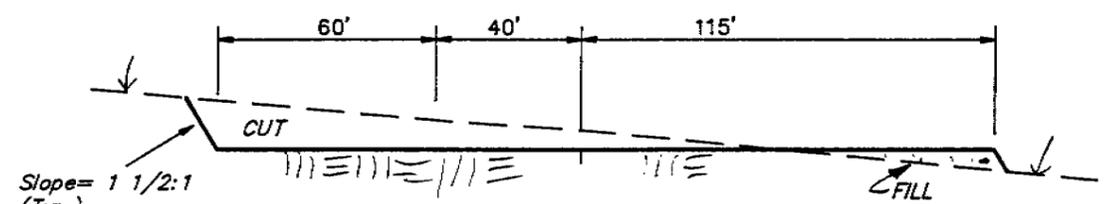


STA. 1+25

TYP. LOCATION LAYOUT CROSS SECTIONS



STA. 0+12



STA. 0+00

APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 1,120 Cu. Yds.	EXCESS MATERIAL AFTER 5% COMPACTION	= 3,890 Cu. Yds.
Remaining Location	= 4,960 Cu. Yds.	Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,100 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 6,080 CU.YDS.</b>	EXCESS UNBALANCE (After Rehabilitation)	= 1,790 Cu. Yds.
<b>FILL</b>	<b>= 2,080 CU.YDS.</b>		

Elev. Ungraded Ground at Location Stake = **5518.4'**

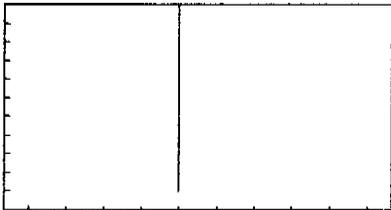
Elev. Graded Ground at Location Stake = **5517.9'**

**CHEVRON U.S.A. Inc.**  
**ROCKY MOUNTAIN PROD. BUSINESS UNIT**  
**DRILLING PROGRAM**

<b>Field</b>	RED WASH	<b>Rig Type</b>	
<b>Well</b>	#304	<b>Rig Name</b>	
<b>Location</b>	SEC.2,T8S,R24E	<b>AFE #</b>	

**1) DIRECTIONAL/STRAIGHT HOLE**

Explor/Devel	DEV.	GLE	5,520	KBE	5,536
Drill/Deepen	DRILL				
Proposed MD	5,055'				
Proposed TVD	5,055'				
KOP	N/A				
Build	N/A				
Max. Angle	N/A				
Avg. Angle	STRAIGHT				
Target Loc.	700FSL, 1700FWL				
Bearing // Surf.	0				



**2) CONDUCTOR HOLE**

Hole Size	N/A				
Proposed MD					
Proposed TVD					

Mud Program	Type	MW	FV	WL	Other
	N/A	N/A	N/A	N/A	N/A

Csg. Program	Size	Grade	Weight	Thread	Sect Lgth

**3) SURFACE HOLE**

Hole Size	12 1/4"	Csg. Test (psi)	1,500/30 MIN
Proposed MD	+/-500'	Shoe Test (ppg)	10.0
Proposed TVD	+/-500'	BOPE	N/A

<b>Drill String Design</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>BHA</b></td> <td>12 1/4" BIT, BS W/</td> </tr> <tr> <td></td> <td>FLOAT, 1-8" DC, STAB, 2-8" DC'S, X/O, 6 3/4" DC'S</td> </tr> <tr> <td><b>Drill Pipe</b></td> <td>Grade E, 4 1/2", 16.6#/FT, API PREMIUM DESIGN FOR 100,000# OVERPULL PER API-RP 7G.</td> </tr> </table>	<b>BHA</b>	12 1/4" BIT, BS W/		FLOAT, 1-8" DC, STAB, 2-8" DC'S, X/O, 6 3/4" DC'S	<b>Drill Pipe</b>	Grade E, 4 1/2", 16.6#/FT, API PREMIUM DESIGN FOR 100,000# OVERPULL PER API-RP 7G.
<b>BHA</b>	12 1/4" BIT, BS W/						
	FLOAT, 1-8" DC, STAB, 2-8" DC'S, X/O, 6 3/4" DC'S						
<b>Drill Pipe</b>	Grade E, 4 1/2", 16.6#/FT, API PREMIUM DESIGN FOR 100,000# OVERPULL PER API-RP 7G.						

Mud Program	Type	MW	FV	WL	Other
	AIR/MIST	N/A	N/A	N/A	SWEEP AS REQ TO CLEAN HOLE

Csg. Program	Size	Grade	Weight	Thread	Sect Lgth
	8 5/8"	K-55	24#	ST&C	+/-500'

<b>Cmt. Program</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Lead Slurry</td> <td>N/A</td> </tr> <tr> <td>Tail Slurry</td> <td>CLASS H W/ 2% CACL2 @ 16.4 PPG.</td> </tr> <tr> <td>WOC Time (Hrs)</td> <td>8</td> </tr> </table>	Lead Slurry	N/A	Tail Slurry	CLASS H W/ 2% CACL2 @ 16.4 PPG.	WOC Time (Hrs)	8
Lead Slurry	N/A						
Tail Slurry	CLASS H W/ 2% CACL2 @ 16.4 PPG.						
WOC Time (Hrs)	8						

<b>Potential Hazards</b>	NONE
<b>Elec Logging Prog</b>	NONE
<b>Core/DST Program</b>	NONE

**4) INTERMEDIATE HOLE**

Hole Size \_\_\_\_\_ Csg. Test (psi) \_\_\_\_\_  
 Proposed MD \_\_\_\_\_ Shoe Test (ppg) \_\_\_\_\_  
 Proposed TVD \_\_\_\_\_ BOPE \_\_\_\_\_

**Drill String Design** \_\_\_\_\_ BHA \_\_\_\_\_  
 \_\_\_\_\_ Drill Pipe \_\_\_\_\_

Mud Program	Type	MW	FV	WL	Other

Csg. Program	Size	Grade	Weight	Thread	Sect Lgth

**Cmt. Program** Lead Slurry \_\_\_\_\_  
 Tail Slurry \_\_\_\_\_  
 WOC Time (Hrs) \_\_\_\_\_

**Potential Hazards** \_\_\_\_\_  
**Elec Logging Prog** \_\_\_\_\_  
**Core/DST Program** \_\_\_\_\_

**5) OIL STRING / LINER HOLE**

Hole Size 7 7/8" Csg. Test (psi) 1,500/FOR 30MIN  
 Proposed MD +/-5,055' Shoe Test (ppg) N/A  
 Proposed TVD +/-5,055' BOPE CLASS III  
3000 PSI

**Drill String Design** \_\_\_\_\_ BHA 7 7/8" BIT, BS W/ FLOAT, 18-6 3/4" DC'S  
 \_\_\_\_\_ Drill Pipe 4 1/2", 16.6#, GRADE E, API PREMIUM DP

Mud Program	Type	MW	FV	WL	Other
	FW/GYP	8.6-8.8	28-34	N/A	500-3000'
	FWG/DISP	8.8-9.2	34-40	<10CC	3000'-TD

Csg. Program	Size	Grade	Weight	Thread	Sect Lgth
	5 1/2"	K-55	17#	LT&C	+/-5,055'

**Cmt. Program** Lead Slurry CLASS H - FOAM CMT F 4,5000' - SURFACE.  
 Tail Slurry CLASS H W/ ADDITIVES @ 16.4PPG (TAILORED TO DEPTH & TEMP)  
 WOC Time (Hrs) 24

**Potential Hazards** LOST CIRCULATION B/W 2,500-3,000  
**Elec Logging Prog** DIL, LDT, CNL, MSCT-SIDEWALL CORES-TEMP LOGS (SEE GEO. LETTER)  
**Core/DST Program** N/A

**6) AUXILIARY EQUIPMENT**

Mud Logging Unit	@ +/- 500'	Rotating Head	@ N/A
Geolograph	@ SPUD	Degasser	@ N/A
Visulogger	@ N/A	Desilter	@ SPUD
Adj. Choke	@ 500'	Centrifuge	@ N/A
PVT & Flowmeter	@ SPUD	Mud Cleaner	@ N/A
Trip Tank	@ SPUD	H2S Safety Eqpt	@ N/A
Other	UPPER & LOWER KELLY COCK VALVES, IBOP, FULL OPENING DP SAFETY VALVE @ SPUD TO MATCH DP & DC'S.		

**7) OTHER INFORMATION**

Inspect BHA After	+/-200	Rotating Hours.
Inclination Surveys Every	+/-500'	Feet. (In Straight Holes)
Gyro Surveys	N/A	
Ccheck Drlg. Breaks Below	1,000	Feet For Flow.
Fill Drill Pipe Every	30	Stds. When Running A Float.
Fill Csg Every	EVERY	Jt/Jts.

**8) GENERAL REMARKS**

See Attached Information

**9) GEOLOGIC PROGRAM**

See Attached Information

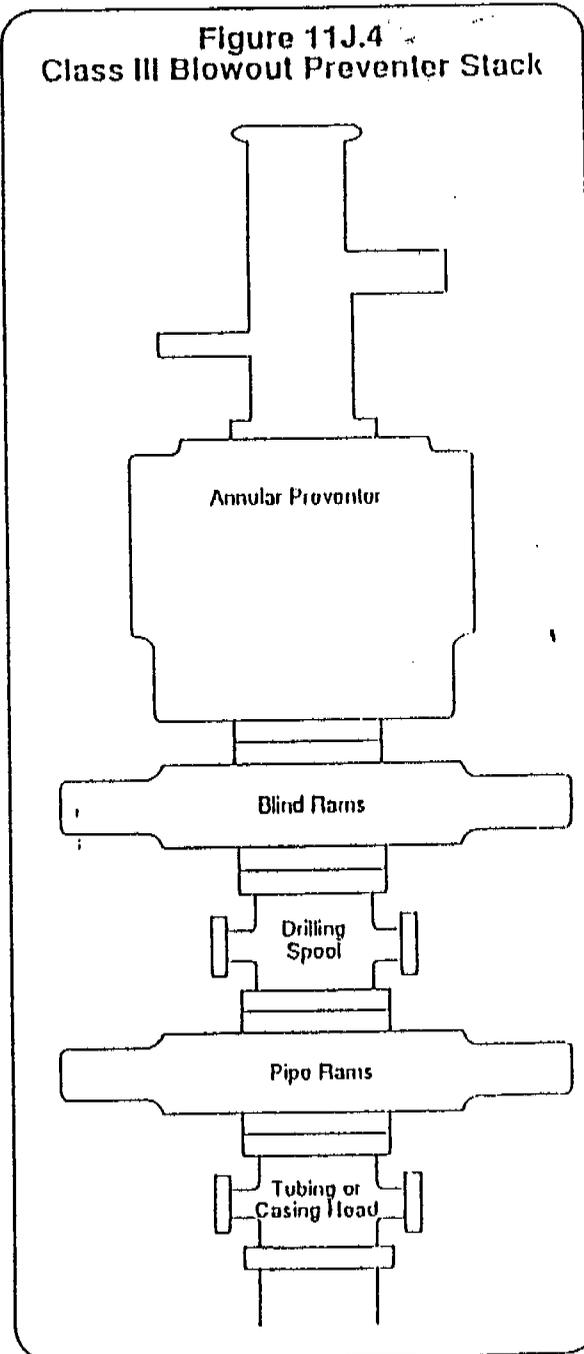
Prepared by:	<u>D.H.HUDSPETH</u>	Drig. Supt.	_____
Date	<u>07/12/91</u>	Date	_____

DHH(91)

ATTACHMENT C  
CHEVRON DRILLING REFERENCE SERIES  
VOLUME ELEVEN  
WELL CONTROL AND BLOWOUT PREVENTION

E. CLASS III BLOWOUT PREVENTER STACK:

The Class III preventer stack is designed for drilling or workover operations. It is composed of a single hydraulically operated annular preventer on top, then a blind ram preventer, a drilling spool, and a single pipe ram preventer on bottom. The choke and kill lines are installed onto the drilling spool and must have a minimum internal diameter of 3". All side outlets on the preventers or drilling spool must be flanged, studded, or clamped. An emergency kill line may be installed on the wellhead. A double ram preventer should only be used when space limitations make it necessary to remove the drilling spool. In these instances, the choke manifold should be connected to a flanged outlet between the preventer rams only. In this hookup, the pipe rams are considered master rams only, and cannot be used to routinely circulate out a kick. The Class III blowout preventer stack is shown to the right in Figure 11J.4.

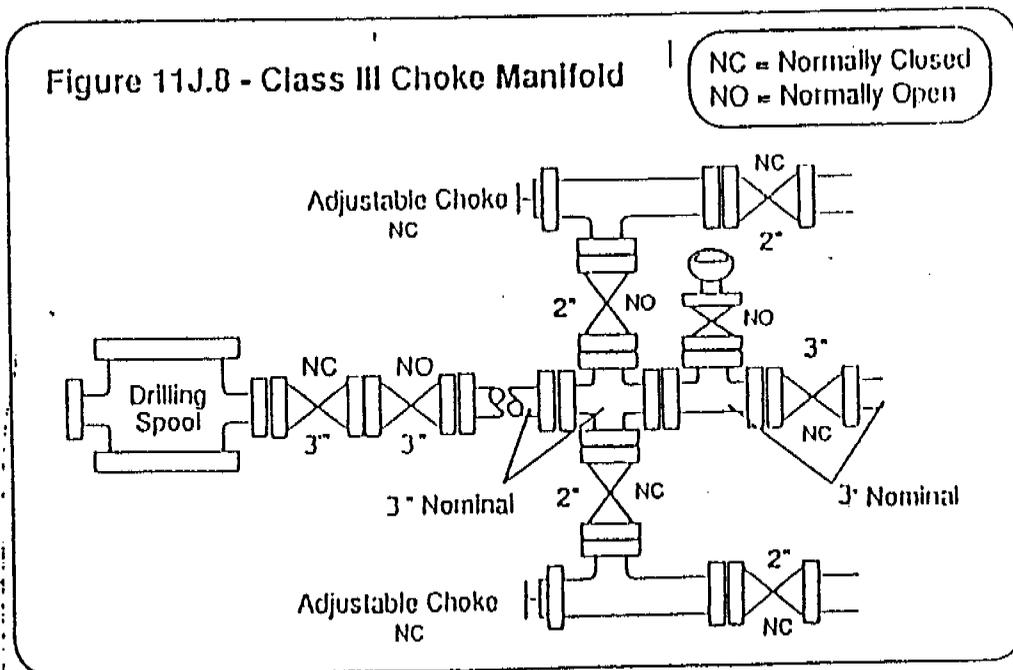


ATTACHMENT D  
 CHEVRON DRILLING REFERENCE SERIES  
 VOLUME ELEVEN  
 WELL CONTROL AND BLOWOUT PREVENTION

D. CLASS III CHOKE MANIFOLD

The Class III choke manifold is suitable for Class III workovers and drilling operations. The Standard Class III choke manifold is shown in Figure 11J.8 below. Specific design features of the Class III manifold include:

1. The manifold is attached to a drilling spool or the top ram preventer side outlet.
2. The minimum internal diameter is 3" (nominal) for outlets, flanges, valves and lines.
3. Includes two steel gate valves in the choke line at the drilling spool outlet. The inside choke line valve may be remotely controlled (ICR).
4. Includes two manually adjustable chokes which are installed on both side of the manifold cross. Steel isolation gate valves are installed between both chokes and the cross, and also downstream of both chokes.
5. Includes a bleed line which runs straight through the cross and is isolated by a steel gate valve.
6. Includes a valve isolated pressure gauge suitable for drilling service which can display the casing pressure within view of the choke operator.
7. Returns through the choke manifold must be divertible through a mud-gas separator and then be routed to either the shale shaker or the reserve pit through a buffer tank or manifold arrangement.
8. If the choke manifold is remote from the wellhead, a third master valve should be installed immediately upstream of the manifold cross.

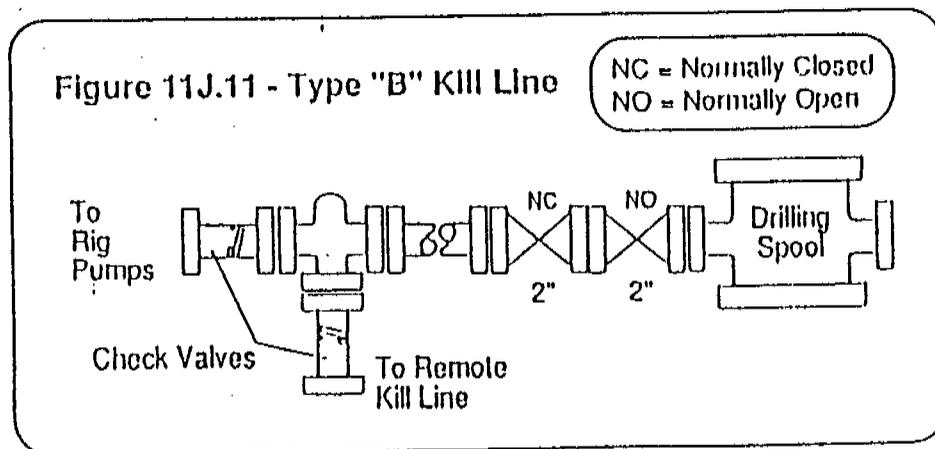


ATTACHMENT E  
CHEVRON DRILLING REFERENCE SERIES  
VOLUME ELEVEN  
WELL CONTROL AND BLOWOUT PREVENTION

**D. TYPE "B" KILL LINE — CLASS III, IV, AND V WELLS**

The type B kill line described below in Figure 11J.11 is the minimum recommended hookup for installation on all Class III, Class IV and Class V wells. Specific design features of the type B kill line include:

1. The preferred kill line connection to the well is at the drilling spool, however, a preventer side outlet may be used when space restrictions exclude the use of a drilling spool. In all cases, the kill line must be installed below the uppermost blind rams so the well can be pumped into with no pipe in the hole.
2. The arrangement includes two - 2" (nominal) gate valves installed at the drilling spool and an upstream fluid cross. The outside valve may be hydraulically remote controlled.
3. Two pump-in lines should be attached to the fluid cross. The primary kill line should be routed to the rig standpipe where it can be manifolded to the rig pumps. The remote kill line should be run to a safe location away from the rig or to the rig cementing unit. The remote kill line should have a loose end connection for rigging-up a high pressure pumping unit.
4. Both the primary kill line and the remote kill line must include a 2" check valve which is in working condition while drilling. If a check valve is crippled for testing purposes, the flapper or ball must be re-installed and tested before drilling resumes.
5. The primary kill line must include a pressure gauge which can display the pump-in pressure on the rig floor.
6. Any lines which are installed at the wellhead are designated as "emergency kill lines" and should only be used if the primary and remote kill lines are inoperable.



## DRILLING PROGRAM ATTACHMENT

### GENERAL REMARKS

1. Applicable Federal and State Regulations will be adhered to during the drilling of this well.
2. The drilling rig is to be level and the kelly centered over the hole before drilling operations commence. Check periodically during the drilling of the well to insure the rig stays level.
3. Prior to spud insure all toolpushers, drillers and crews are thoroughly familiar with and understand the Chevron procedure for handling well kicks.  
  
In H<sub>2</sub>S environments Chevron's contingency plan for your location is to be read, understood and adhered to. All personnel are to be thoroughly familiar with the use of air packs, the air supply system, locations of air packs and what to do in the event of sour gas to surface.
4. Test BOPE before drilling out and every seven days thereafter. Perform low pressure test (200 psi) and high pressure test. High pressure test should be 70% of BOPE working pressure or 70% of burst of last casing string, whichever is less. Record BOP tests on Tour Reports. Notify applicable Federal and State Regulatory Agencies 24 hours in advance of BOPE tests and record notification and names on Tour Reports.
5. Do not reuse ring gaskets. Replace with new Rx or Bx ring gaskets.
6. Separate full opening safety valves and inside BOP's are required for each size drill pipe in use. Test weekly with BOPE.
7. Run full open valve below kelly that can be run in the hole if necessary. Do not use this valve as a mud saver sub.
8. BOP controls are to remain in the open position during drilling operations.
9. Hold pit drills for each crew at least once every seven days and record on Tour Reports.
10. On trips fill the annulus before hydrostatic pressure drops 75 psi or every 5 stds of drill pipe, whichever is first. Use trip tanks to measure hole fill-up and monitor at all times.
11. Use drill pipe floats at all times unless your supervisor instructs otherwise.
12. Have wear ring installed in wellhead before tripping or rotating. Remember to remove wear ring before running casing or when testing BOPE.

13. Casing rams are to be installed and bonnets tested on last trip out before running casing.
14. Run pilot and thickening time tests with rig mixing water for all cement slurries prior to cementing operations.
15. Casing should be tested to 1,500 psi or 0.2 psi/ft., whichever is greater, prior to drilling out and recorded on Tour Reports. Discuss the test pressure with your supervisor and reference DM-49 before testing.
16. Drill out slick beneath each casing string. Drill deep enough to bury stabilization to be picked up.
17. Do not drill with hardbanded pipe inside of casing.
18. Do not run full gauge stabilizers. Run stabilizers 1/16" to 1/8" undergauge.
19. When necessary to work pipe, keep pipe moving up and down. Rotating alone is not considered sufficient.
20. Install and test full lubricator on all logging runs unless instructed otherwise by supervisor.
21. Fully describe damaged or lost equipment on Tour Reports.

REQUEST FOR COST ESTIMATE  
DENVER DIVISION  
DEVELOPMENT WELL

Form to be filled out completely and submitted to the Drilling Section before a CW-116 will be completed.

GEOLOGICAL INFORMATION:

Field/Area: Red Wash Unit Well Name: RWU #304 (24-2F)

Surface Location: 1700' FWL 700' FSL SEC. 2 - T8S - R24E

State: Utah County: Uintah

Est. Surface Elevation: 5520' T.D.: 5055' TVD: 5055'

Type of Completion: Equip to pump, Equip to flow, Equip to inject?

Objective Formations	Expected Depth TVD	Target Radius	Expected BH Pressure	Type & Amount of Production
<u>Green River Lj</u>	<u>4621'</u>	<u>250'</u>	<u>+/-2000 PSIG</u>	<u>300-1500 MCFPD</u>
<u>Green River Lk</u>	<u>4648'</u>	<u>250'</u>	<u>+/-2000 PSIG</u>	<u>300-1500 MCFPD</u>
<u>Green River Lr</u>	<u>4755'</u>	<u>250'</u>	<u>+/- 2000 PSIG</u>	<u>300-1500 MCFPD</u>

Anticipated Drillstem Tests NONE, Cores Sidewall - See Loggig below  
Depth Footage

Wireline Logging Program and Depth to be Run: DIL, LDT, CNL, MSCT

(Sidewall cores) and temperature log - Open Hole Logs

CBL, GR, CCL for perforating depth control - Cased Hole

RAT and Temperature logs for fluid entry if well comes in.

Logging Company: Schlumberger Estimate Estimated Cost: \$30,000

Mud Logging Unit: Air Drilled Starting @ NA ft.

Primary and uppermost expected hydrocarbon zones or corrosive water to be protected with cement: Cement to surface

Offset Well Data:

	Well Name & Number	Operator	Location
1)	<u>RWU #209 (32-34C)</u>	<u>Chevron</u>	<u>1997'FNL 2004' FEL 34-7S-24E</u>
2)	<u>Federal #112</u>	<u>Shramrock Oil &amp; Gas</u>	<u>1980'FNL 1980'FEL 12-8S-24E</u>
3)	<u>RWU #47 (41-9F)</u>	<u>Chevron</u>	<u>700'FWL 568'FSL 9-8S-24E</u>

Formation Tops: (Measured Depth)

<u>Name</u>	<u>Proposed Well</u>	<u>Offset Wells</u>		
		<u>1</u>	<u>2</u>	<u>3</u>
Green River Kb		4779'	4138'	4453'
Green River L (Unc0nf )		4895'	4249'	4570'
Green River Lj		4987'	4342'	4655'
Green River Lk		5012'	4372'	4670'
Green River Lr		5118'	4479'	4793'

\*\*\*\*\* NOTE : All footages KB

Anticipated Abnormal Pressure or Depleted Zones that will be penetrated:

<u>Formation</u>	<u>Estimated TVD</u>	<u>Estimated Pressure</u>
<u>Green River Lj and/or Lk could be somewhat depleted due to production in the offset Chevron State #1 (Powder Springs Unit).</u>		

Geologist Responsible for Project: S. D. Jenkins Ext: 3302

Date: 6/21/91

COMPLETION INFORMATION: TO BE FILLED IN BY PRODUCTION ENGINEER

Perforations (approx. intervals, shots/ft, type gun): \_\_\_\_\_

2 JSPF in 3, 10' zones - Use through tubing guns with FH type packer set above all zones on 2 3/8" tubing.

Stimulation (type, volume, approx. cost): Foamed (Nitrified) acid job.

Stimulate all perforated intervals together using +/- 7000 gals foamed 15% HCL - Estimated cost \$8,000.

Testing (indicate any selective zone testing): None.

Flow tests, build up tests, etc. (Indicate type & duration): \_\_\_\_\_

One flow test of all productive zones together (commingled).

Any Known or Suspected H2S or CO2? (Approximate percentages): No.

Type of Anticipated Completion (Single or dual): Single

Desired tubing size: 2 3/8" Desired Prod. Casing size: 4 1/2"

Artificial Lift Requirements (Rod pump, sub. pump, gas lift, etc.): \_\_\_\_\_  
None - Flowing gas well. \_\_\_\_\_

Is well to be Chevron operated or NOJV? Chevron Operated

Chevron's well interest 98.82 %. If NOJV, furnish as much information as possible and attach a copy of operator's AFE cost estimate.

Type of cost estimate requested:

\_\_\_\_\_ Initial: For use on preliminary economics, budget, farmout evaluations, etc. A "ballpark" type figure.

xxxx Final: For use as detailed drilling estimate.

Other reasons: \_\_\_\_\_

Indicate cost estimates required for economic analysis:

Development Single Producer

\_\_\_\_\_ Development Dual Producer

Development Dry Hole

Production Engineer Responsible for Project: G. D. Majkrzak Ext: 3534

Date: 6/21/91

DATE REQUIRED: ASAP Please

RETURN ALL REQUESTS THRU D. L. WILLIE, DENVER DIVISION STAFF DRILLING ENGINEER

Estimated Well Costs:	Tang.	Intang.	G&A	Total
_____ Development Single Producer:	_____	_____	_____	_____
_____ Development Dual Producer:	_____	_____	_____	_____
_____ Development Dry Hole:	_____	_____	_____	_____

Cost Estimate Completed By: \_\_\_\_\_

Date \_\_\_\_\_

CHEVRON U.S.A. INC  
RED WASH UNIT 304  
SEC. 2, T 8S, R 24E  
UINTAH COUNTY, UTAH  
MULTIPOINT SURFACE USE PLAN

1. EXISTING ROADS

- A. See Map A. We do not plan to change, alter or improve upon any existing state or county roads.
- B. See Map A. Travel southeast from Vernal approximately 25 1/2 miles, turn right and travel 6.6 miles on existing road, turn right on existing access road for 2.3 miles to proposed location.

2. PLANNED ACCESS ROAD

See Maps A and B.

The section in which the well site is located is a State section, however some of the access is across BLM lands. The portion of the access needing upgrading is a 35' span approximately 1/2 mile from the main road.

- A. Width: Maximum width 30', with an 18' travel area.
- B. Maximum grade: No greater than 8%.
- C. Turnouts: None, avoid blind corners.
- D. Drainage design: Roads to be placed and constructed so that minimal drainage alterations will be made. Water will be diverted around well pad as necessary. One culvert will be required in a low water crossing about 1/2 mile from the main road.
- E. No major cuts and fills.
- F. Surfacing materials: Gravel if necessary (see item 6-A).
- G. Other: No gates, cattleguards or fence cuts.

3. LOCATION OF EXISTING WELLS

See Map B. There are no existing wells within the well site section.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. See Map B.
- B. Production facilities will be addressed at a later date if the well is a producer.
- C. Disturbed areas no longer needed for operations will be graded back to as near original state as possible. Drainage channels will be returned to original state and the areas will be reseeded as prescribed by the State.

- D. A blooie pit 8' x 10' x 5' deep will be constructed 150' diagonally from the center hole. A line will be placed on the surface from the center hole to the burn pit. The pit will be fenced on four sides to protect livestock.

#### 5. LOCATION AND TYPE OF WATER SUPPLY

- A. Water for drilling will be supplied to the location by truck from a source located in SE/NW Sec. 6, T8S, R21E.

#### 6. SOURCE OF CONSTRUCTION MATERIALS

- A. All gravel, cement, etc., needed on the access road and location will come commercially from the Vernal, Utah area.

#### 7. METHODS FOR HANDLING WASTE DISPOSAL

- A. Cuttings will be settled out in the reserve pit. The reserve pit will be lined if soil conditions require. It will be fenced on three sides with a stock tight fence of woven wire. The fourth side of the reserve pit will be fenced after the drilling rig moves off location.
- B. Drilling fluids will be retained in reserve tanks utilizing maximum recirculation during drilling operations. Following drilling, the liquid waste will be evaporated or hauled to an approved disposal site, and the pit will be backfilled and returned to natural grade.
- C. In the event fluids are produced, any oil will be retained until sold in tankage. Produced water from the well will go to Battery 6 to be reinjected into the waterflood system.
- D. Sewage will be disposed of in a 1,000 gallon fiber glass insulated holding tank, which is to be placed in the vicinity of the trailers on the well location. Arrangements will be made for the sewage to be transported from the wellsite to a disposal system in the vicinity.
- E. Trash will be contained in a portable metal container and hauled periodically to an approved disposal dump.

#### 8. ANCILLARY FACILITIES

Because of the accessibility to good roads and relatively close housing, we anticipate no need for ancillary facilities with the exception of three trailers to be located on the drilling location.

9. WELLSITE LAYOUT

- A. See Exhibit C.
- B. Burn pit will not be lined.
- C. Access to the well pad will be as shown on Exhibit C.

10. PLANS FOR RESTORATION OF SURFACE

- A. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum. Any rock encountered in excavation will be disposed of beneath backfill to return surface to its present appearance and provide soil for seed growth.
- B. The topsoil will be evenly distributed over the disturbed areas. Reseeding will be performed as directed by the State.
- C. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.
- D. Any oil accumulation on the pit will be removed or overhead flagged as dictated by then existing conditions.
- E. The well will be completed during 1991. Rehabilitation will commence following completion of the well. If the wellsite is to be abandoned, all disturbed areas will be recontoured to the natural contour as is possible.

11. SURFACE OWNERSHIP

- A. The wellsite and part of the access road will be constructed on State lands. Part of the access will cross BLM surface.

12 OTHER INFORMATION

- A. The well is located in hilly and sandy terrain. Vegetation consists of small sagebrush and natural grasses around the location. The soil is a poorly developed, semi-arid, thin topsoil layer over the Uintah Formation.
- B. Surface use activities other than the oil well facilities consist of livestock grazing.
- C. There are no water bodies or occupied dwellings near the wellsite.
- D. An archeological survey has been conducted on the well

site and access and copies sent to the State and BLM.

13. COMPANY REPRESENTATIVE

Ms. J. F. Newville  
P. O. Box 599  
Denver, Colorado 80201  
(303) 930-3439

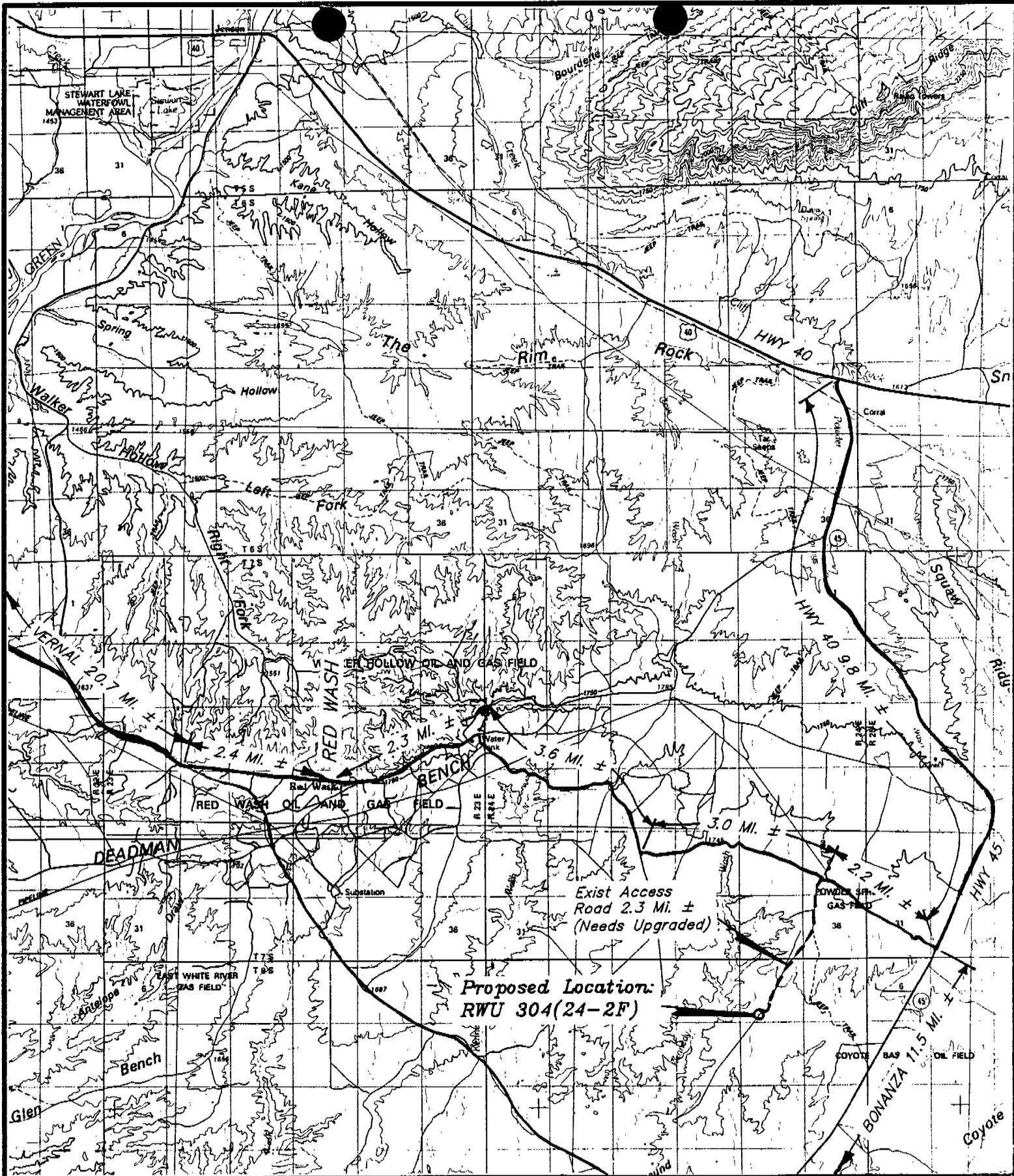
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Chevron U.S.A. Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

8/21/91  
-----  
Date

J. F. Newville  
-----  
J. F. Newville  
Environment, Safety, Fire  
and Health Manager

JLW

Map A - Proposed location and access  
Map B - Proposed location and road  
Exhibit C - Location layout, cut/fill



TOPOGRAPHIC  
MAP "A"

DATE 8-7-91 MDA

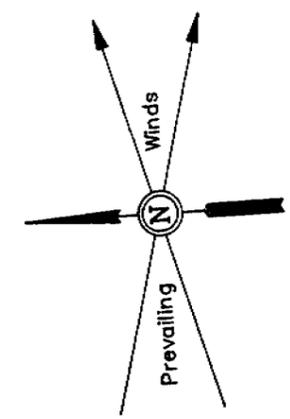
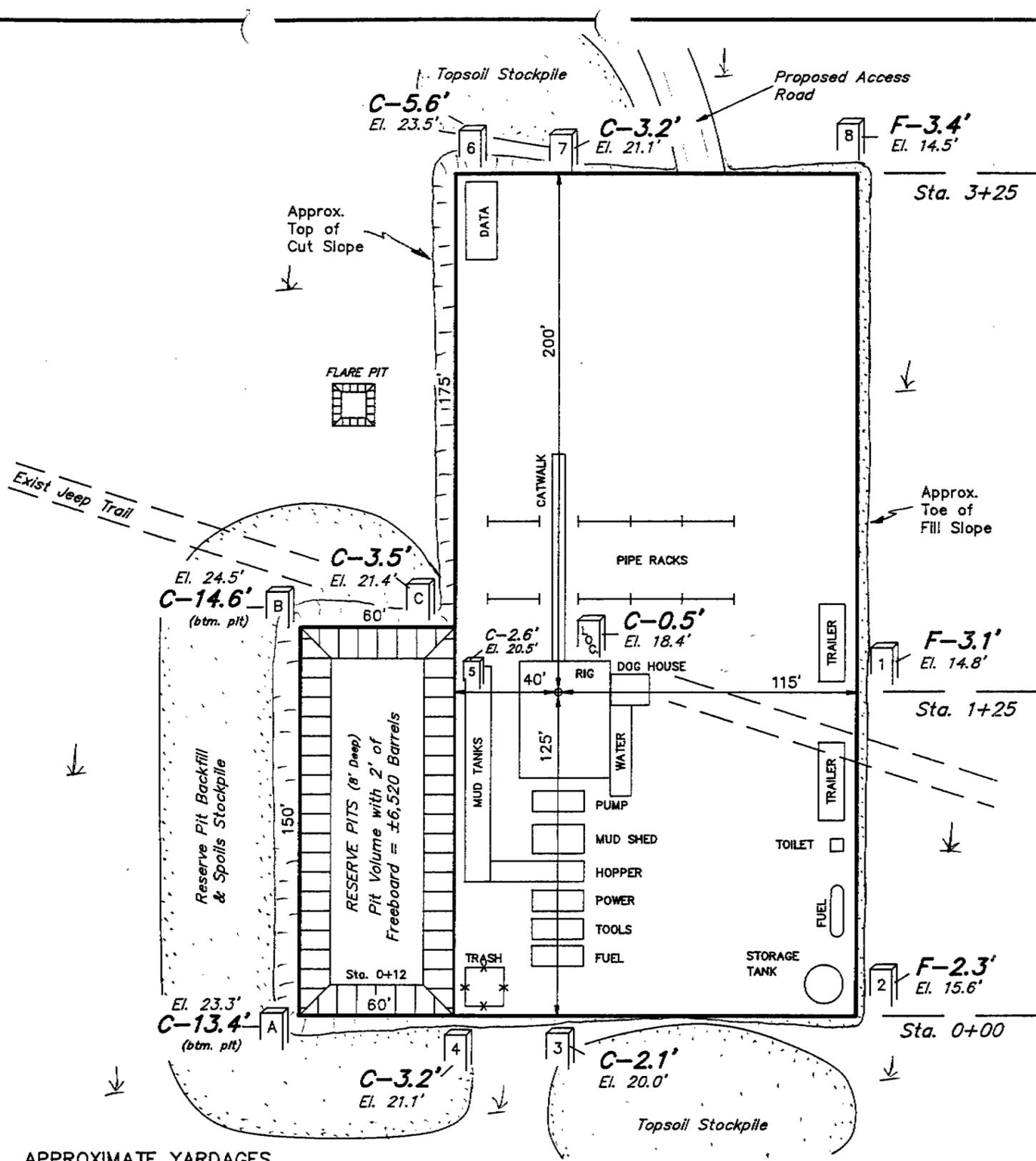


**CHEVRON U.S.A., INC.**

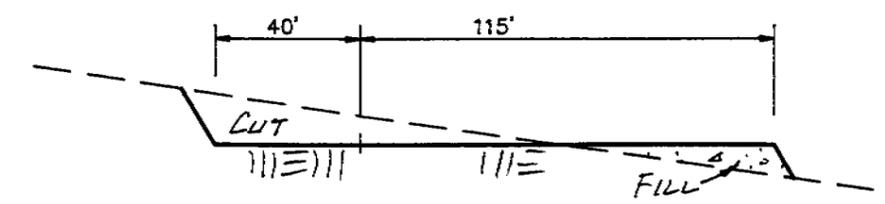
RED WASH UNIT 304(24-2F)  
SECTION 2, T8S, R24E, S.L.B.&M.



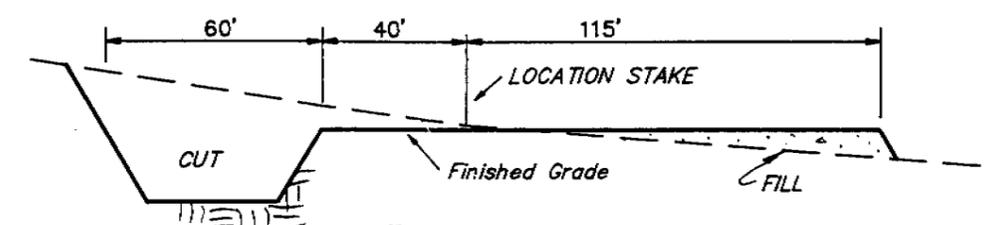
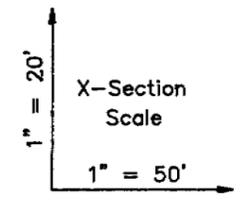
CHEVRON U.S.A., INC.  
 LOCATION LAYOUT FOR  
 RED WASH UNIT #304 (24-2F)  
 SECTION 2, TBS, R24E, S.L.B.&M.



SCALE: 1" = 50'  
 DATE: 8-6-91  
 Drawn By: J.R.S.

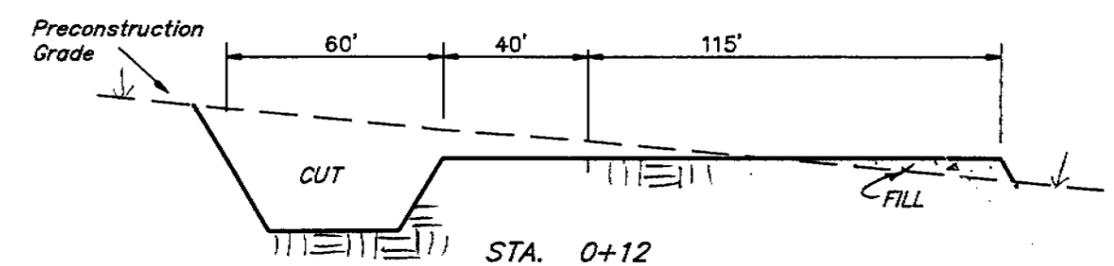


STA. 3+25

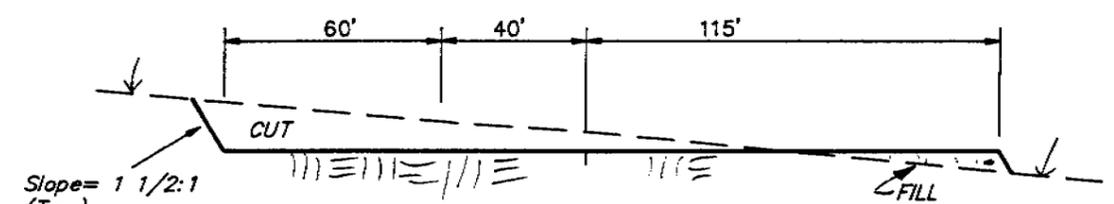


STA. 1+25

TYP. LOCATION LAYOUT  
 TYP. CROSS SECTIONS



STA. 0+12



STA. 0+00

Elev. Ungraded Ground at Location Stake = **5518.4'**  
 Elev. Graded Ground at Location Stake = **5517.9'**

APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 1,120 Cu. Yds.	EXCESS MATERIAL AFTER 5% COMPACTION	= 3,890 Cu. Yds.
Remaining Location	= 4,960 Cu. Yds.	Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,100 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 6,080 CU.YDS.</b>	EXCESS UNBALANCE (After Rehabilitation)	= 1,790 Cu. Yds.
<b>FILL</b>	<b>= 2,080 CU.YDS.</b>		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.  
State ML-3055

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
Red Wash

8. Well Name and No.  
304

9. API Well No.  
Not yet assigned

10. Field and Pool, or Exploratory Area  
Red Wash-Green River

11. County or Parish, State  
Uintah, Utah

SUBMIT IN TRIPLICATE

RECEIVED

AUG 27 1991

1. Type of Well  
 Oil Well  Gas Well  Other Proposed

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

3. Address and Telephone No.  
P. O. Box 599, Denver, CO 80201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1700' FWL, 700' FSL  
Sec. 2, T8S, R24E

DIVISION OF  
OIL GAS & MINING

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

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Access

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

3. 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.)\*

Request approval for access to proposed Red Wash Unit 304 across BLM lands as shown on the attached map. The only upgrading required is a culvert and rock in a low water crossing  $\pm 1/2$  mi south of the main road. The road will be maintained in as good as or better condition as it is at present. Cultural survey has been performed.

- 3-BLM
- 3-State
- 1-JRB
- 2-Drlg
- 1-JLW

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

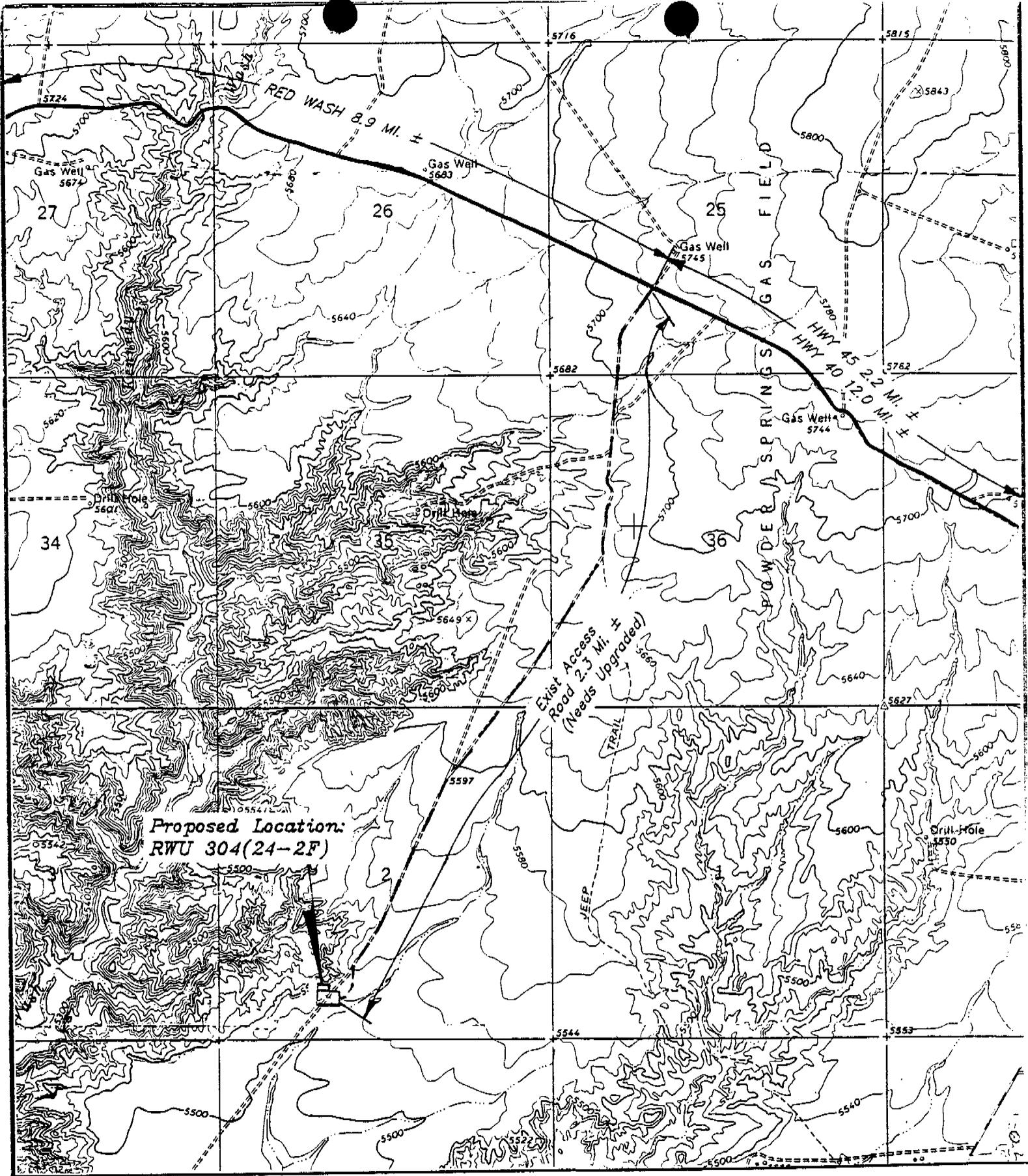
DATE: 9/24/91  
BY: JAW/attchew

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

Signed J.W. Watson Title Permit Specialist Date 8/21/91  
(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.



TOPOGRAPHIC  
 MAP "B"  
 SCALE: 1" = 2000'  
 DATE 8-7-91 MDA



**CHEVRON U.S.A., INC.**  
 RED WASH UNIT 304(24-2F)  
 SECTION 2, T8S, R24E, S.L.B.&M.

**DRILLING LOCATION ASSESSMENT**

**State of Utah  
Division of Oil, Gas and Mining**

OPERATOR: CHEVRON U.S.A. INC. WELL NAME: RED WASH 304 (24-2F)  
SECTION: 2 TWP: 8S RNG: 24E LOC: 700 FSL 1700 FWL  
QTR/QTR SE/SW COUNTY: UINTAH FIELD: RED WASH  
SURFACE OWNER: STATE OF UTAH  
SPACING: RED WASH UNIT  
INSPECTOR: BRAD HILL DATE AND TIME: 9/4/91 13:30

PARTICIPANTS: Dan Jarvis-DOGM; Brent Sexon-Chevron

REGIONAL SETTING/TOPOGRAPHY: The proposed location lies in the east-central Uinta Basin, east of Bonanza, Utah. A shallow canyon lies just off of the north side of the proposed location.

LAND USE:

CURRENT SURFACE USE: None

PROPOSED SURFACE DISTURBANCE: A rectangular pad with dimensions of 325'X 155' will be constructed with a 150'X 60' extension for the reserve pit. Access will be from an existing road which will require upgrading for 2.3 miles.

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: Shadscale, Curley Grass, Crested Wheatgrass, Prickly Pear/Horses, Antelope, Bugs

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Silty-sand

SURFACE FORMATION & CHARACTERISTICS: Uintah Formation

EROSION/SEDIMENTATION/STABILITY: No active erosion or sedimentation at present. Location should be stable.

PALEONTOLOGICAL POTENTIAL: None observed.

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Green River-4621'

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated

CULTURAL RESOURCES/ARCHAEOLOGY: Done by Senco-Phenix

CONSTRUCTION MATERIALS: Onsite materials will be used for construction.

SITE RECLAMATION: TO be done as per State Lands instructions.

RESERVE PIT

CHARACTERISTICS: A rectangular pit will be built with dimensions of 150'X 60'X 8'.

LINING: Chevron indicated their intent to line the pit with a synthetic liner.

MUD PROGRAM: See APD.

DRILLING WATER SUPPLY: To be trucked in from 6-8s-21E.

OTHER OBSERVATIONS

Part of the access lies on BLM lands.

STIPULATIONS FOR APD APPROVAL

Pit is to be lined with a synthetic liner of 12 mil minimum thickness.

ATTACHMENTS

Photographs will be placed on file.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

State ML-3055

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

Red Wash

8. Well Name and No.

304

9. API Well No.

Not yet assigned

10. Field and Pool, or Exploratory Area

Red Wash-Green River

11. County or Parish, State

Uintah, Utah

SUBMIT IN TRIPLICATE

RECEIVED

AUG 27 1991

1. Type of Well

Oil Well  Gas Well  Other Proposed

2. Name of Operator

Chevron U.S.A. Inc.

3. Address and Telephone No.

P. O. Box 599, Denver, CO 80201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1700' FWL, 700' FSL  
Sec. 2, T8S, R24E

DIVISION OF  
OIL GAS & MINING

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

TYPE OF SUBMISSION

TYPE OF ACTION

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- Subsequent Report
- Final Abandonment Notice

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- Casing Repair
- Altering Casing
- Other Access

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion 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.)

Request approval for access to proposed Red Wash Unit 304 across BLM lands as shown on the attached map. The only upgrading required is a culvert and rock in a low water crossing  $\pm 1/2$  mi south of the main road. The road will be maintained in as good as or better condition as it is at present. Cultural survey has been performed.

3-BLM  
3-State  
1-JRB  
2-Drlg  
1-JLW

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

DATE: 9/24/91  
BY: [Signature]

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

Signed

[Signature]

Title Permit Specialist

Date 8/21/91

(This space for Federal or State office use)

Approved by

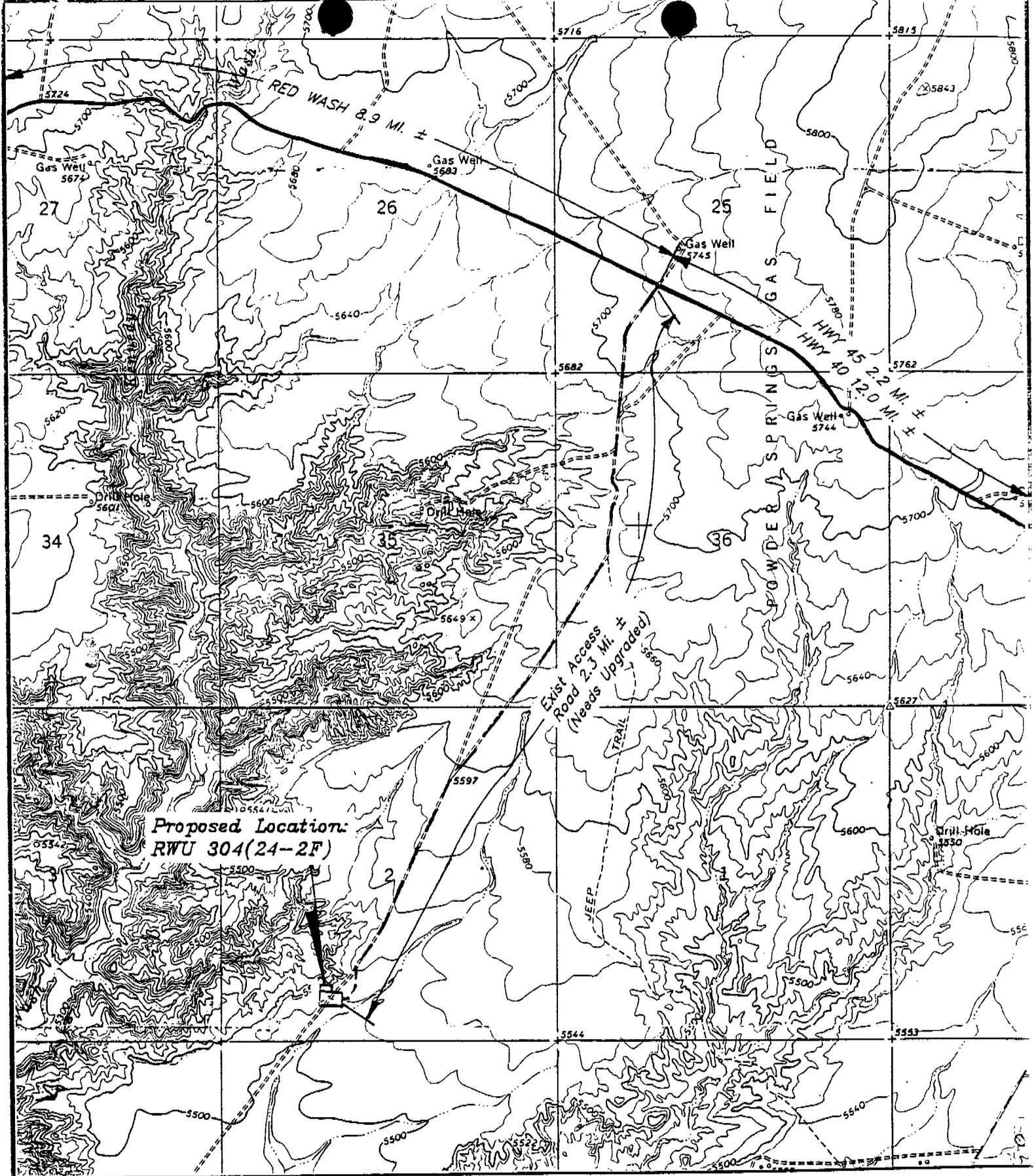
Title

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



**Proposed Location:  
RWU 304(24-2F)**

TOPOGRAPHIC  
MAP "B"  
SCALE: 1" = 2000'  
DATE 8-7-91 MDA



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

RED WASH UNIT 304(24-2F)  
SECTION 2, T8S, R24E, S.L.B.&M.

OPERATOR Chulsion U.S.A. (Inc) 1-0010 DATE 9-10-91

WELL NAME BWD 304 (04-0F)

SEC SFSW 0 T 85 R 04E COUNTY Mintah

43-047-30106  
API NUMBER

State (3)  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD SLBM

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Included in 91 PSD approved 9-10-91

Water Permit

Permit 8-27-91 / Biology review 9-9-91

APPROVAL LETTER:

SPACING:  R615-2-3 Red wash  
UNIT

R615-3-2

N/A  
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

cc: St. Lords

Needs water permit

Pat is to be lined with synthetic liner of 12 mil minimum thickness.



State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor  
Dee C. Hansen  
Executive Director  
Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

September 24, 1991

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

Gentlemen:

Re: RWU 304 (24-2F) Well, 700 feet from the South line, 1700 feet from the West line, SE SW, Section 2, Township 8 South, Range 24 East, Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Utah Code Ann. Section 40-6-18, et seq. (1953, as amended), and Utah Admin. R.615-2-3, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Utah Code Ann. Section 73-3, Appropriation.
2. Reserve pit is to be lined with synthetic liner of 12 mil. minimum thickness.

In addition, the following actions are necessary to fully comply with this approval:

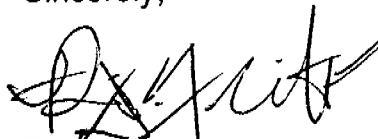
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification in the event it is necessary to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801) 538-5340, (Home) (801) 476-8613, or R. J. Firth, Associate Director, (Home) (801) 571-6068.

Page 2  
Chevron U.S.A. Inc.  
RWU 304 (24-2F)  
September 24, 1991

5. Compliance with the requirements of Utah Admin. R.615-3-20, Gas Flaring or Venting.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Department of Environmental Quality, Division of Drinking Water/Sanitation, telephone (801) 538-6159.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-32106.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

tas  
Enclosures  
cc: Bureau of Land Management  
Division of State Lands  
J. L. Thompson  
we14/1-18

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

5. Lease Designation and Serial No.  
ML-3055  
6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
DRILL  DEEPEN  PLUG BACK

7. Unit Agreement Name  
Red Wash Unit

b. Type of Well  
Oil Well  Gas Well  Other   
Single Zone  Multiple Zone

8. Farm or Lease Name  
Red Wash

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

9. Well No.  
304 (24-2F)

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  
1700' FWL, 700' FSL

11. Sec., T., R., M., or Bk. and Survey or Area  
Sec. 2, T8S, R24E

At proposed prod. zone  
Same *43-047-32106*

14. Distance in miles and direction from nearest town or post office\*  
±30 miles south of Vernal, Utah

12. County or Parrish 13. State  
Uintah, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. Also to nearest drilg. line, if any  
700'

16. No. of acres in lease  
2480

17. No. of acres assigned to this well  
320

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.  
5055

19. Proposed depth  
5055

20. Rotary or cable tools  
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)  
GR=5518' KB=5534 (est.)

22. Approx. date work will start\*  
9-1-91

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/2	8-5/8	24	±500'	To surface
7-7/8	5 1/2	17	±5055'	To surface

Attachments: Certified Plat  
Drilling Program  
Chevron Class III BOPE  
Geologic Program  
Multipoint Surface Use Plan

Completion procedure to be submitted by Sundry Notice.

RECEIVED

OCT 15 1991

DIVISION OF  
OIL GAS & MINING

AUG 1991

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 *J.B. Watson* Title Permit Specialist Date 8/22/91

(This space for Federal or State office use)

Permit No. \_\_\_\_\_ Approval Date \_\_\_\_\_

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date 10/7/91

Conditions of approval, if any:

*D. C. G. M.*  
*U4080-1177-196*

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

5. LEASE DESIGNATION AND SERIAL NO.  
ML-3055

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Red Wash Unit

8. FARM OR LEASE NAME  
Red Wash

9. WELL NO.  
304(24-2F)

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

11. SEC., T., R., M., OR BLM. AND SUBVEY OR AREA  
Sec. 2, T8S, R24E

12. COUNTY OR PARISH 13. STATE

**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

2. NAME OF OPERATOR  
Chevron USA

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
  
1700' FWL, 700' FSL

14. PERMIT NO.  
43-047-32106

15. ELEVATIONS (Show whether OF, ST, OR, etc.)  
Gr: 5518'

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

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

Propose to construct a 3" schedule 40, grade B seamless surface gas pipeline from the proposed Red Wash Unit 304, along the access road to tie into an existing pipeline at a point in Section 25, T8S, R24E, as shown on the attached topo.

- 3 - State
- 3 - BLM
- 1 - BES
- 1 - JLW

**RECEIVED**

JAN 13 1992

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

DIVISION OF  
OIL GAS & MINING

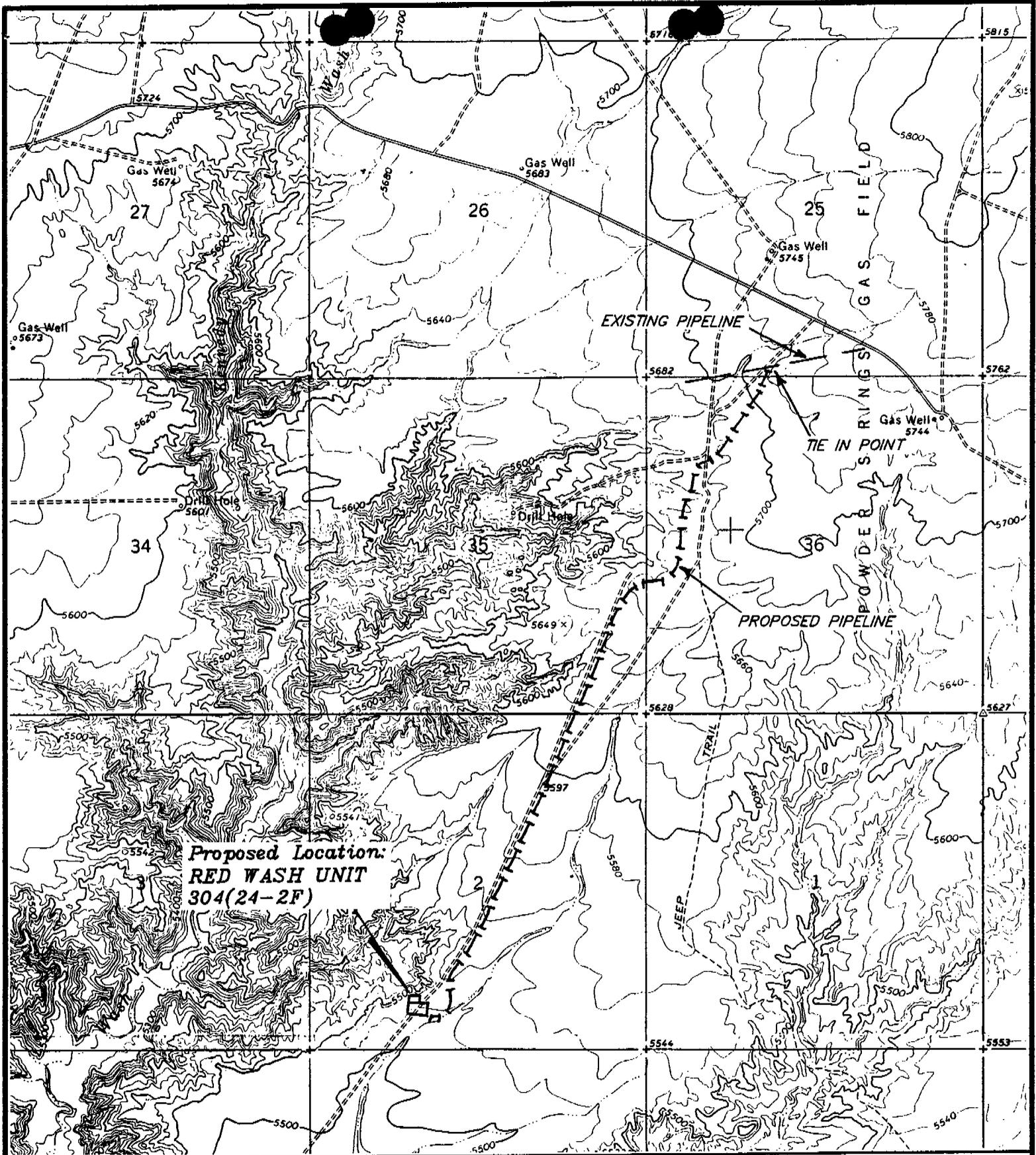
DATE: 1-16-92  
BY: *Matthew*

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

SIGNED *J.S. Watson* TITLE Permit Specialist DATE 1/8/92  
12-19-1991

(This space for Federal or State office use)

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



**TOTAL PIPELINE SLOPE DISTANCE = 11,645'**

**TOPOGRAPHIC  
MAP**

**LEGEND**

- — — — — EXISTING PIPELINE
- - - - - Proposed Pipeline

DATE 11-25-91 MDA



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

RED WASH UNIT 304(24-2F)  
SECTION 2, T8S, R24E, S.L.B.&M.

PLAN OF DEVELOPMENT  
RED WASH UNIT 304 GAS PIPELINE

1. Construction will begin upon receipt of easements from Utah State Lands and BLM; applications have been submitted.
2. A 30' right of way width is needed for the pipeline which will run adjacent to the road to tie into an existing line as shown on the attached map.
3. No blading or other surface disturbance is expected to be needed. The line will be constructed on the roadway, then moved over and placed on skids every 20 to 40' approximately 15' from the road.
4. This right of way agreement will be subject to the same monitoring and reporting conditions regarding Sagegrouse and Ferruginous Hawks as the access road right of way.

If further information is needed, please call me at (303) 930-3691.

DIVISION OF OIL, GAS AND MINING

API NO. 43-047-32106

SPUDDING INFORMATION

NAME OF COMPANY: CHEVRON U.S.A.

WELL NAME: REDWASH UNIT #304 (24-2F)

Section 2 Township 8S Range 24E County UINTAH

Drilling Contractor LEON ROSS DRILLING

Rig # 14

SPUDDED: Date 2-11-92

Time 12:00 noon

How DRY HOLE

Drilling will commence EXETER #26 2-11-92

Reported by STEVE KEBERT

Telephone # 801-789-2442

Date 2-13-92 SIGNED CW/TAS

# Hang in There!!!

## The Fax is on it s way!!

### PANAFAX TRANSMISSION

Chevron U.S.A. Inc.  
100 Chevron Road  
Rangely, CO 81648

(303) 675-3700 - Confirm  
(303) 675-3800 - Panafax

CTN NUMBERS ARE THE SAME

TO: FRANK MATTHEWS / STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS & MINING

FAX #: 801-359-3940

FROM: CHEVRON USA PRODUCTION CO

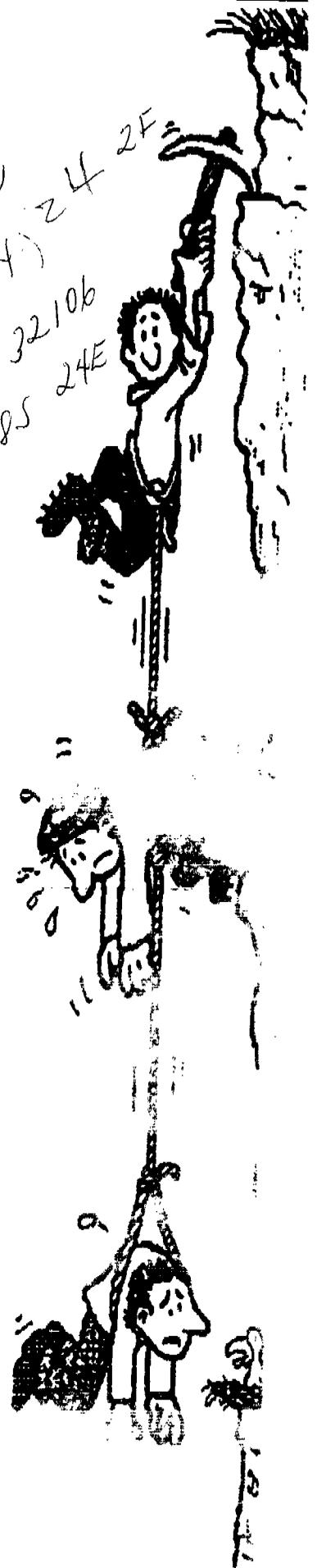
J. D. HOWARD / RANGELY CO

Phone: (303) 675-3791

NUMBER OF PAGES BEING SENT (INCLUDING THIS ONE) 3

NOTE: \_\_\_\_\_

*Red Wash  
(304) 24 2F  
42-047 32106  
85 24E  
Sec 2*



Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:  
 Well File Red Wash 304  Suspense  Other  
(24-2E) (Return Date) \_\_\_\_\_  
(Location) Sec 2 Twp 85 Rng 24E (To - Initials) \_\_\_\_\_  
(API No.) 43-047-32106

1. Date of Phone Call: 2-28-92 Time: 2:17 AM

2. DOGM Employee (name) Frank Matthew (Initiated Call )  
Talked to:  
Name Cliff Bradford (Initiated Call ) - Phone No. 303-<sup>675-3700</sup>~~330-3067~~  
of (Company/Organization) Cherron

3. Topic of Conversation: Plugging sides for well

4. Highlights of Conversation: Had priority in both the Wasatch + GRV. but all was wet. - 4640' top - 1850' top. Will set 100sk plugs at top of Wasatch and Green River. 100' plug 50' in and 50' out of surface making 50' plug @ surface. Before setting green river plug @ top of green river reserve pit will be grumped down the hole into the green river.

Bill Stroh



memorandum

RECEIVED  
FEB 1991

November 27, 1991

TO: Catherine Quinn  
FROM: Clay Perschon  
NER Habitat Manager  
SUBJECT: Chevron Gas Well near Red Wash

RWU 304 (24-2F)

43-047-32106

Sec 2, T 08S, R 24E

The attached state application (no number) describes a road ROW request by Chevron across state lands.

The BLM is involved granting a ROW request by Chevron across their lands.

Two significant resources occur along the proposed road ROW: A sage grouse lek and several Ferruginous hawk nests.

Both of these species are extremely sensitive to human activities.

This sage grouse lek is the only one in that part of the country and as such the population is extremely important and sensitive.

Ferruginous hawks are being considered for listing as threatened or endangered. As such, the development proposed must be undertaken very carefully.

The activity which will occur to develop the well can be done and minimize the impacts to the two species if the following mitigation measures are met:

The well and all necessary development is completed by March 1, 1992.

2. The road which goes through the sage grouse strutting ground will be closed and a new road pushed west to connect to an existing road (see green segment on attached map). This will move traffic away from the sage grouse lek. It is not only important to traffic associated with the gas well, but especially to traffic by the public at large.

The road forming the base of the triangle will be obliterated and reseeded. The jeep trail will be closed at both ends to provide security to the ferruginous hawk nests in Section 12.

November 27, 1991  
Page 2

3. When the Chevron person is tending the producing well, that activity will be done after 10:00 a.m. between March 15 and May 15. This will minimize disturbance to the sage grouse lek.
4. A method to reduce blowdown noise will be worked out with the BLM if water is encountered in the drilling process and well blowdown is necessary.
5. Three ferruginous hawk artificial nest platforms will be constructed on BLM Section 35. These structures will be built to BLM specifications utilizing recent research findings on file with BLM.

A study will be done by Chevron to monitor existing ferruginous hawk nests around April 15 and June 15; sage grouse strutting grounds will be monitored around March 15 and April 15. Monitoring should be for a two year period commencing after grant issuance and an annual report of findings should be submitted around June 30 of each year. Coordination of this study should be done by Chevron with UDMR and BLM before it begins. Expectations can be clarified at that time.

The above mitigative measures were identified and agreed to after several consultations with BLM, UDMR, State Lands and Forestry and Chevron.

The cooperation between these entities to develop the well and protect the resources in the area is commendable.

CP/ch

cc: Walt Donaldson  
Steve Cranney  
Charlie Greenwood  
Bill Stroh, BLM Vernal  
Gary Bagley, State Lands and Forestry

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

Lease Designation and Serial Number ML-3055
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement Red Wash Unit
9. Well Name and Number Red Wash 304 (24-2E)
10. API Well Number 43-047-32106
11. Field and Pool, or Wildcat Red Wash-Green River

**SUNDRY NOTICES AND REPORTS ON WELLS**

Use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well  
 Oil Well     Gas Well     Other (specify)

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

3. Address of Operator  
PO Box 599, Denver, CO 80201

4. Telephone Number  
303/930-3069

5. Location of Well  
 Footage : 1700' FWL, 700' FSL  
 QQ, Sec. T., R., M. : SE/SW, Sec. 2, T8S, R24E  
 County : Uintah  
 State : UTAH

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Disposition of Drill Cuttings</u>	

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
 \* Must be accompanied by a cement verification report.

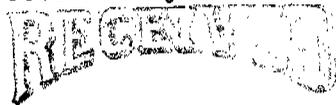
**13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)**

Chevron proposes to dry and disc approximately 3700 cubic yards of non-hazardous drilling mud into the reclaimed surface of the Red Wash 304 drill pad. The mud will consist of cuttings, gypsum, potassium and bentonite. No oil based muds are to be used.

The mud would be dried onsite and spread over the pad prior to final reclamation and seeding. Discing of the mud into the reclaimed pad will help bind soils, prevent excessive erosion, and increase the moisture holding capacity of the soil, thus improving reclamation.

This method of disposition has been proposed since a closed mud system will be used, thus requiring only a small emergency pit.

**\* APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**  
**DATE: 2-17-92**  
**BY: [Signature]**  
 \* see attached conditions



FEB 10 1992

DIVISION OF OIL GAS & MINING

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

Name & Signature O. L. Fyock Title Environmental Specialist Date 2/4/92

(Use Only)

Utah Division of Oil, Gas and Mining

Conditions for Spreading Drill Cuttings on Location

The waste and soil mixture must meet the following standards or equal that of the natural surrounding soil whichever is less restrictive.

- Electrical Conductivity < 4 mmho/cm
- Sodium Adsorption Ratio SAR < 12
- Exchangeable Sodium Percentage ESP < 15%
- Oil and Grease by Weight < 1%

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

6. Lease Designation and Serial Number  
State ML-3055

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

Red Wash Unit

9. Well Name and Number

Red Wash Unit 304 (24-2F)

10. API Well Number

43-047-32106

11. Field and Pool, or Wildcat

Undesignated 002

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well  
 Oil Well  Gas Well  Other (specify)

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

3. Address of Operator  
100 Chevron Road, Rangely, CO 81648

4. Telephone Number  
(303) 675-3700

5. Location of Well  
Footage : 700' FSL & 1700' FWL  
QQ, Sec. T., R., M. : SE $\frac{1}{4}$  SW $\frac{1}{4}$ , Sec 2, T8S, R24E

County : Uintah  
State : UTAH

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other Pump Drilling Mud Down Annulus
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate Date Work Will Start 02-18-92

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- Abandonment \*
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

At the conclusion of Drilling operations for the above well, it is proposed to pump the excess drilling mud down the annulus. Attached are schematics for economical and uneconomical wells showing location of drilling mud.

\* APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 2-27-92  
BY: [Signature]

FEB 14 1992

D. HOWARD  
01.0433.0000

\* See Attached Conditions

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

Name & Signature J. D. Howard

[Signature]

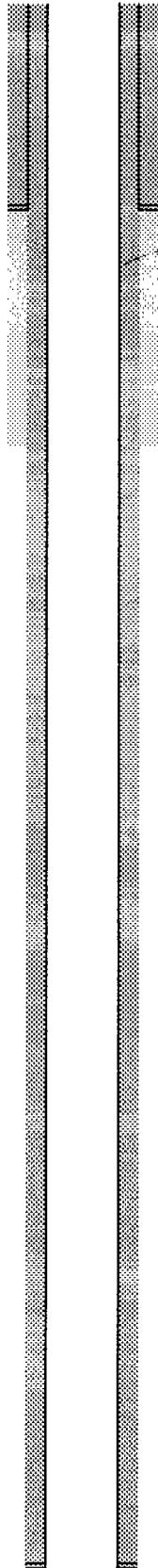
Title Drlg Technologist

Date 2-11-92

(State Use Only)

CHEVRON U.S.A. PRODUCTION CO.  
RWU #304  
ECONOMICAL WELL

8 5/8" CSG @ +/- 500'

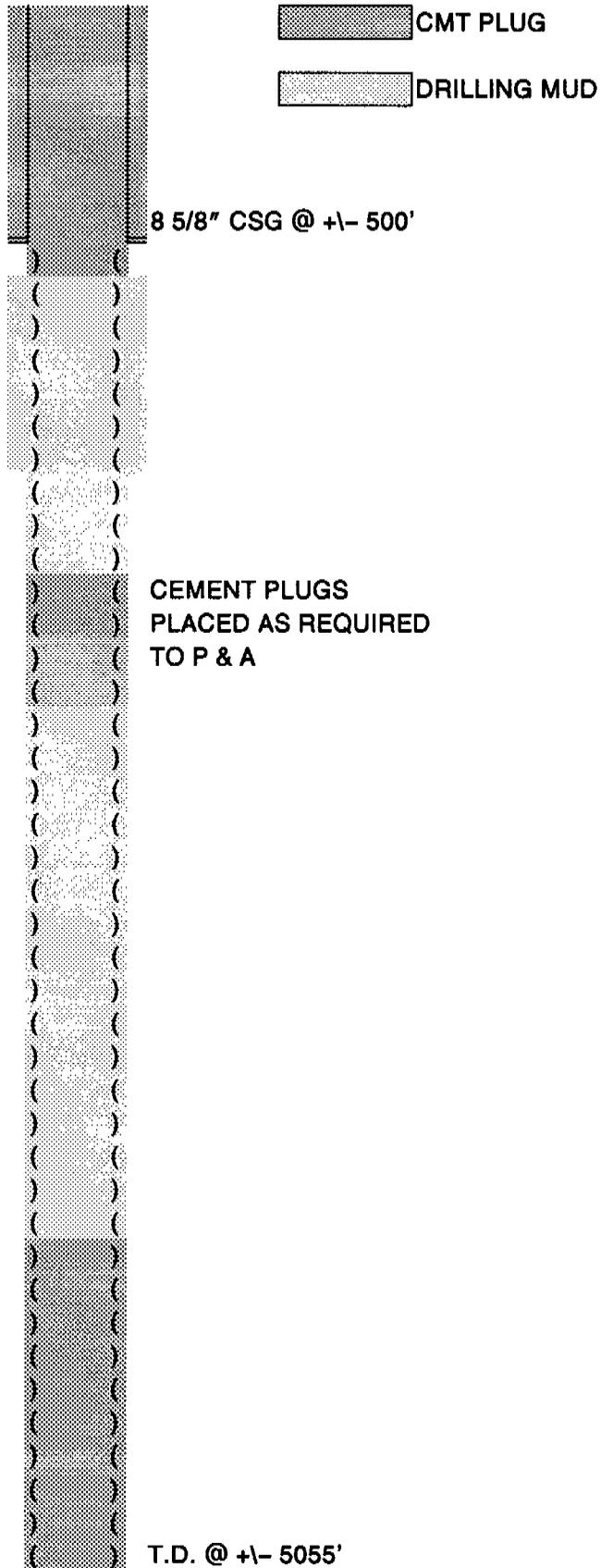


 CEMENT

 DRILLING MUD

5 1/2" CSG  
T.D. @ +/- 5055'

CHEVRON U.S.A. PRODUCTION CO.  
RWU #304  
UNECONOMICAL WELL



Sundry Notice Attachment

Chevron - Red Wash Unit #304, Sec.2, T8S, R24E, Uintah County  
Request to dispose of drilling mud down annulus or in  
wellbore between plugs if well is P&A.  
Mud is fresh, approximately 500 ppm Cl.

Conditions of Approval:

- 1) Zero surface pressure during emplacement of mud.
- 2) This is a one time approval for disposal of drilling mud from only the #304 well.
- 3) Get DOGM approval of plugging plan prior to P&A.

ENTITY ACTION FORM - FORM 6

OPERATOR CHEVRON U.S.A. PRODUCTION CO.  
 ADDRESS 100 CHEVRON RD.  
RANGELY, CO 81648  
(303) 675-3700

ATOR . N° "NO210

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	11341	99999	43-047-32106	RED WASH # 304 (24-2F)	SESW	2	85	24E	UINTAH	02-12-92	02-12-92
WELL 1 COMMENTS: <i>NEW WELL</i> State-Lease Prop Zone-GRV New Unit entity added-non P.A. on 2-21-92 Field-Undesignated Unit-Red Wash (In unit boundary/non P.A.) <i>JH</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES** (See instructions on back of form)
- A - Establish new entity for new well (single well only)
  - B - Add new well to existing entity (group or unit well)
  - C - Re-assign well from one existing entity to another existing entity
  - D - Re-assign well from one existing entity to a new entity
  - E - Other (explain in comments section)

Use COMMENT section to explain why each Action Code was selected.

FEB 19 1992

*J. D. Howard*  
 Signature  
 DRLG. TECH. Title  
 2-18-92 Date  
 Phone No. (303) 675-3791

MP

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

6. Lease Designation and Serial Number

ML-3055

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

Red Wash Unit

9. Well Name and Number

Red Wash 304 (24-2F)

10. API Well Number

43-047-32106

11. Field and Pool, or Wildcat

Undesignated 002

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to re-activate abandoned wells.  
Use APPLICATION FOR PERMIT for such proposals.

1. Type of Well

Oil Well  Gas Well  Other (specify)

MAR 05 1992

2. Name of Operator

CHEVRON U.S.A. PRODUCTION CO.

DIVISION OF

3. Address of Operator

100 Chevron Road, Rangely, CO 81648

OIL GAS & MINING

Telephone Number  
(303) 675-3700

5. Location of Well

Footage : 700' FSL & 1700' FWL  
QQ, Sec. T., R., M. : SE $\frac{1}{4}$  SW $\frac{1}{4}$ , Sec. 2, T8S, R24E

County : Uintah

State : UTAH

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Abandonment  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

Approximate Date Work Will Start 02-28-92

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. 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 plug to abandon the above well as follows:

1. Set 100 sx "H" cmt plug ± 4669' - 4430' (239') across Wasatch formation top @ 4640'.
2. Pump ±300 bbls 8.8 ppg mud into Green River formation 1850' - 4640'.
3. Set 100 sx "H" cmt plug ±1917' - 1678' (239') across Green River formation top @ 1850'.
4. Set 8 5/8" CICR @ ±475' in 8 5/8" csg set @ 515'.
5. Pump 50' cmt plug below CICR and spot 50' cmt plug on top of CICR.
6. Set 50' surface plug in 8 5/8" csg. Cut csg @ cellar floor.
7. Install P & A marker.
8. Notify Facilities Group to reclaim location.

Verbal approval for above procedure from: Frank Matthews/Utah Division of Oil, Gas and Mining / 02-28-92.

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

DATE: 3-9-92  
BY: Frank Matthews  
Title: Drilling Tech. Date: 03-03-92

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

Name & Signature

J. D. Howard / J.D. Howard

(State Use Only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.

ML-3055

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash Unit

8. FARM OR LEASE NAME

Red Wash

9. WELL NO.

304 (24-2F)

10. FIELD AND POOL, OR WILDCAT

Undesignated 002

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

Sec. 2, T8S, R24E  
Uintah County, Utah

12. COUNTY

Uintah

13. STATE

UT

12. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

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

2. NAME OF OPERATOR  
CHEVRON U.S.A. PRODUCTION CO.

3. ADDRESS OF OPERATOR  
100 Chevron Rd., Rangely, CO 81648 (303) 675-3700

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

At surface 700' FSL & 1700' FWL SE 1/4 SW 1/4 Sec. 2

At top prod. interval reported below as above

At total depth as above

RECEIVED  
MAR 06 1992  
DIVISION OF OIL GAS AND MINING

14. API NO. 43-047-32106 15. DATE ISSUED 9-24-91

15. DATE SPUDDED 02-12-92 16. DATE T.D. REACHED 02-26-92 17. DATE COMPL. (Ready to prod.) 02-28-92 (Plug & Abd.) 18. ELEVATIONS (DF, BEB, RT, GR, ETC.) GR-5518' 19. ELEV. CASINGHEAD N/A

20. TOTAL DEPTH, MD & TVD 4920' 21. PLUS BACK T.D., MD & TVD N/A 22. IF MULTIPLE COMPL., HOW MANY 23. INTERVALS DRILLED BY → ROTARY TOOLS ALL CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)  
Wasatch: 4640' top MD & TVD 4920' T.D. MD & TVD 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-SFL CNL-GR 3-6-92 27. WAS WELL CORED YES  NO  (Submit analysis) DRILL STEM TEST YES  NO  (See reverse side)

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	515'	12 1/4	325 sxs "H" @ 16.4 PPG	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
N/A		Plugged & Abandoned					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-AP <sup>1</sup> (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
Open Hole Logs

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

SIGNED J. J. Howard TITLE Drilling Tech. DATE 3-4-92

## INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on 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) 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:		38. GEOLOGIC MARKERS		
Formation	Top	Bottom	Description, contents, etc.	
Wasatch	4640'	4920' T.D.	Gas Sand, Water Wet	
				Name
				Meas. Depth
				Top
				True Vert. Depth
			Uintah Green River Wasatch	Surface 1850' 4640'
				Surface 1350' 4640'

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

6. Lease Designation and Serial Number

ML-3055

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

Red Wash Unit

9. Well Name and Number

Red Wash 304 (24-2F)

10. API Well Number

43-047-32106

11. Field and Pool, or Wildcat

Undesignated 002

1. Type of Well  
 Oil Well       Gas Well       Other (specify)

MAR 16 1992

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

DIVISION OF  
 OIL GAS & MINING

3. Address of Operator  
 100 Chevron Road, Rangely, CO 81648

4. Telephone Number  
 (303) 675-3700

5. Location of Well  
 Footage : 700' FSL & 1700' FWL  
 QQ, Sec. T., R., M. : SE $\frac{1}{2}$  SW $\frac{1}{2}$  Sec. 2, T8S, R24E

County : Uintah  
 State : UTAH

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

**NOTICE OF INTENT**  
 (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
 (Submit Original Form Only)

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair            | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans          | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection  | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat           | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____              |   |

Date of Work Completion 02-29-92

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
 \* Must be accompanied by a cement verification report.

**13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)**

The above well was plugged for abandonment as follows:

1. Set 100 sx cmt plug 4669'-4430' (239') across top of Wasatch formation @ 4640'.
2. Pump  $\pm$ 300 bbls 8.8 ppg mud into Green River formation 1850'-4640' @ 0 psi.
3. Set 100 sx cmt plug 1917'-1678' (239') across top of Green River @ 1850'. Hole not standing full.
4. RIH, "no cmt". Set 2nd 100 sx cmt plug 1917'-1678' (239'). Hole standing full.
5. Set 8 5/8" CICR @ 475'. Attempt to pump thru CICR. (Could not sting into CICR)
6. Set 75 sx cmt plug on CICR 475'-254' (221').
7. Set 40 sx cmt plug in 8 5/8" surface csg 93'-surface.
8. Cut csg & install P&A marker. Notify Facilities Group to reclaim location.

Verbal approval from above procedure from Frank Matthews, Utah Division of Oil Gas & Mining.

Well Data: 8 5/8" 24# K-55 csg set @ 515', cemented w/325 sxs H cmt.  
 7 7/8" hole w/T.D. @ 4920'.

Formation Tops: Green River @ 1850', Wasatch @ 4640'.

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

Name & Signature

J. D. Howard / *J. D. Howard*

Title Drilling Tech.

Date 3-11-92

(State Use Only)

# BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND  
TICKET NO. 112492

**LOGISTICS SERVICES**  
A Division of Halliburton Company

DATE <b>2-28-92</b>	CUSTOMER ORDER NO.	WELL NO. AND FARM <b>304 Red Wash Unit</b>	COUNTY <b>Uintah</b>	STATE <b>Utah</b>
CHARGE TO <b>Chevron USA Inc.</b>		OWNER <b>Same</b>	CONTRACTOR <b>Exater</b>	
MAILING ADDRESS		DELIVERED FROM <b>Vernal, Utah</b>	LOCATION CODE <b>55685</b>	PREPARED BY <b>M.L. Brewer</b>
CITY & STATE		DELIVERED TO <b>Location</b>	TRUCK NO. <b>3778-7568</b>	RECEIVED BY

No. **B 966954**

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT		
		L	D		QTY.	MEAS.	QTY.	MEAS.				
504-043	516.00272			Premium AG 250 Cement	500	sk			8.86	4430	-	
509-406	890.50812			Calcium Chloride on Side	6	sk			32.50	195	-	
THIS IS NOT AN INVOICE												
		Returned Mileage Charge	TOTAL WEIGHT		LOADED MILES		TON MILES					
		SERVICE CHARGE ON MATERIALS RETURNED						CU. FEET				
500-207		SERVICE CHARGE				500 CU. FEET		1.15	575	-		
500-304		Mileage Charge	47000 TOTAL WEIGHT		40 LOADED MILES		940 TON MILES		.80	752	-	
No. <b>B 966954</b>		CARRY FORWARD TO INVOICE							SUB-TOTAL			

CUSTOMER

A Division of Halliburton Company

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME <b>Red Wash Unit 304</b>		COUNTY <b>Uintah</b>	STATE <b>Utah</b>	CITY / OFFSHORE LOCATION	DATE <b>2/28/92</b>
CHARGE TO <b>Chevron USA Inc.</b>		OWNER <b>S/A</b>	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR <b>Exeter #26</b>	LOCATION <b>1 Uernal</b>		CODE <b>55685</b>
CITY, STATE, ZIP		SHIPPED VIA	FREIGHT CHARGES <input type="checkbox"/> FTD <input type="checkbox"/> COLLECT		LOCATION <b>2</b>
WELL TYPE <b>01</b>	WELL CATEGORY <b>01</b>	WELL PERMIT NO.	DELIVERED TO <b>Location</b>		LOCATION <b>3</b>
TYPE AND PURPOSE OF JOB <b>115</b>		<b>B-</b>	ORDER NO.		REFERRAL LOCATION

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Payment payable NET by the 28th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state whose services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-117				MILEAGE Pump Truck	1	EA	40	mi	260	104 -
009-09				Pump Charge	1	EA	15 1/2	hrs	4700	1940 -
009-027				Additional Hours	10	hrs			230-	2300 -
Book # <del>10,286.00</del> Discounted To										
Total = <del>8,751.60</del>										

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-**

WAS JOB SATISFACTORILY COMPLETED?

WAS OPERATION OF EQUIPMENT SATISFACTORY?

WAS PERFORMANCE OF PERSONNEL SATISFACTORY?

*X* J. A. ...  
CUSTOMER OR HIS AGENT (PLEASE PRINT)

*X* ...  
CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

*Steve Fryer*  
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

FIELD OFFICE

SUB TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

A Division of Halliburton Company

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME <b>RED WASH UNIT # 304</b>		COUNTY <b>UINTAH</b>	STATE <b>UT</b>	CITY / OFFSHORE LOCATION	DATE <b>2-29-92</b>
CHARGE TO <b>CHEURON USA INC</b>		OWNER		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR <b>EXTER DRIG</b>		LOCATION <b>1 UERNAI</b>	CODE <b>55685</b>
CITY, STATE, ZIP		SHIPPED VIA <b>39842</b>	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	LOCATION <b>2</b>	CODE
WELL TYPE <b>01</b>	WELL CATEGORY <b>01</b>	WELL PERMIT NO.	DELIVERED TO	LOCATION <b>3</b>	CODE
TYPE AND PURPOSE OF JOB <b>667-858 ERSU</b>		<b>B-</b>	ORDER NO.	REFERRAL LOCATION	

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful annual rate available, but never to exceed 10% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state whose services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
100-115				MILEAGE	40	m.			1.35	54	00
802-97	802-353			8 5/8 ERSU B.P.	1	EA				1566	00
128-343				SETTING TOOL	1	EA				210	00
117-000				X-QUELS	2	EA			39.00	78	00
102-011				OPERATORS TIME		HR			35.00	N/C	
<b>TALLY COPY</b>											
DATE REC: <u>2/29/92</u>											
RECEIVED BY: <u>[Signature]</u>											
CHARGE TO: <u>RJWI-3029 14-M</u>											
APPROVED BY: _____											
\$ 1908.00 - 286.20 \$ 1621.80											

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-**

WAS JOB SATISFACTORILY COMPLETED? \_\_\_\_\_

WAS OPERATION OF EQUIPMENT SATISFACTORY? \_\_\_\_\_

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? \_\_\_\_\_

X CUSTOMER OR HIS AGENT (PLEASE PRINT)

X CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

[Signature]  
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL: [Signature] **RJWI-3029 14-M**  
FIELD OFFICE

SUB TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

**HALLIBURTON SERVICES**  
**JOB LOG**

WELL NO. 304 LEASE Red Wash Unit TICKET NO. 112492  
 TOMER Chevron USA PAGE NO. 1  
 JOB TYPE P+A DATE 2/28/92

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0700							on location & Rig up Safety meeting Prime & Test lines
	1							Set 100 sack plug @ 4669' (239' plug)
	1110	5	0			300		Start Fresh
	1115	5	20.7			300		End Fresh
		K				300		Start 16.4#/g Cement
	1120	5	18.8			100		End Cement
		5	0			100		Start Displacement Fresh
		5	5			100		Start mud
	1132	7	62.7			300		End Displacement POOH w/ Drill pipe RIH w/ Drill pipe 1917'
								Set 100 sack plug @ 1917' (239' plug)
	1752	5	0			300		Start Fresh
		5	41					End Fresh
	1801	5	0					Start 16.4#/g Cement w/ 370 CaCl <sub>2</sub>
		5	18.8					End Cement
	1805	5	0			200		Start Displacement Fresh
		5	10					Start mud
	1810	5	23.6			300		End Displacement POOH w/ Drill pipe
	1830							W.O.C. RIH w/ Drill pipe to tag plug
	2300							Did not Tag Cement

**HALLIBURTON SERVICES**  
**JOB LOG**

WELL NO. 304 LEASE Red Wash Unit TICKET NO. 112492-  
 FORMER Chevron USA PAGE NO. 2  
 JOB TYPE P4A DATE 2/28/92

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								Set 100 sack plug @ 1917' (239' plug)
	2310	5	⊖			300		Start Fresh
		5	20.7					End Fresh
	2315	5	⊖					Start 16.4 <sup>wt</sup> /g Cement w/ 3% Cellu
		5	18.8					End Cement
	2319	5	⊖			200		Start Displacement Fresh
		5	5					Start Mud
	2324	5	23.6			300		End Displacement
								POOH w/ Drill pipe
								RTH w/ Retainer Set @ 485'
								2/29/92
	07400		4			1500		Test retainer
	0410	2.3				80		Establish injection rate
								Set 100 sack plug @ 485'
	0415	3	⊖					Start Fresh
		3	5					End Fresh
		3	⊖					Start 16.4 <sup>wt</sup> Cement
	0419		8					Shut down retainer fail
	0510	3	⊖					Pump Cement out of hole
	0525	3	35					Shut down
								POOH w/ Stinger
								RTH & Sting into retainer
								Test retainer - circulating
								Set 75 sack plug on top of retainer @ 485' (220' plug)
	0800	2	⊖					Start Cement 16.4 <sup>wt</sup> /g
		4	14					End Cement
		4	⊖					Start Displacement
	0810	1	5					End Displacement
								Wipple down to set surface plug

**HALLIBURTON SERVICES**  
**JOB LOG**

WELL NO. 304 LEASE Red Wash Unit TICKET NO. 112492  
 OPERATOR Chevron USA PAGE NO. 3  
 JOB TYPE PA A DATE 2/29/92

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1130	1	0 6.5					Set surface plug @ 72' mix 16.4 1/2 Cement 40 sacks Start Cement Shut down Poot w/ Drill pipe
	1200		3/4					Top off casing w/ 30g Cmt. Released
								Thank you [Signature]

CUSTOMER

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Designation and Serial No.  
**ML-3055**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**RWU #304 (24-2E)**

9. API Well No.  
**43-047-32106**

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

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

**SUBMIT IN TRIPLICATE**

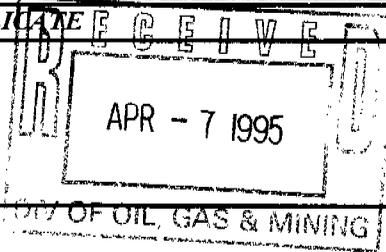
1. Type of Well

Oil  Well      Gas  Well      Other

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

3. Address and Telephone No.  
**11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1700' FWL, 700' FSL, SEC. 2, T8S/R24E, SE/SW**



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

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

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

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

**This well site and road ROW was reclaimed in 03/92 per BLM specifications.**

14. I hereby certify that the foregoing is true and correct.  
Signed *Christa Kough* Title Operations Assistant Date 4/5/95

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any \_\_\_\_\_

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH	<input checked="" type="checkbox"/>	4-KAS	<input checked="" type="checkbox"/>
2. CDW	<input checked="" type="checkbox"/>	5-SP	<input checked="" type="checkbox"/>
3. JLT	<input type="checkbox"/>	6-FILE	<input type="checkbox"/>

Enter date after each listed item is completed

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

Designation of Agent

Operator Name Change (Only)

Merger

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

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

**TO:** ( New Operator):  
 SHENANDOAH ENERGY INC  
 Address: 11002 E. 17500 S.  
 VERNAL, UT 84078  
 Phone: 1-(435)-781-4300  
 Account N4235

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

**WELL(S)**

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
RWU 54 (43-14A)	43-047-15180	5670	14-07S-22E	FEDERAL	OW	PA
RWU 113 (34-15A)	43-047-15231	5670	15-07S-22E	FEDERAL	OW	PA
RWU 89 (23-15A)	43-047-16486	99998	15-07S-22E	FEDERAL	OW	PA
RWU WI 3A (34-16A)	43-047-16481	99996	16-07S-22E	FEDERAL	WI	PA
RWU 100 (43-21A)	43-047-10203	99998	21-07S-22E	FEDERAL	OW	PA
RWU 73 (22-21A)	43-047-15195	5670	21-07S-22E	FEDERAL	OW	PA
RWU 32 (32-22A)	43-047-15159	5670	22-07S-22E	FEDERAL	GW	PA
RWU 258 (34-22A)	43-047-30458	5670	22-07S-22E	FEDERAL	OW	TA
RWU 118 (12-23A)	43-047-15235	99998	23-07S-22E	FEDERAL	OW	PA
RWU 217 (31-29A)	43-047-30105	99998	29-07S-22E	FEDERAL	OW	PA
RWU WI 33A-1	43-047-16484	99998	33-07S-22E	FEDERAL	WI	PA
RWU 151 (42-14B)	43-047-15264	5670	14-07S-23E	FEDERAL	OW	P
RWU 325 (32-16B)	43-047-33083	99999	16-07S-23E	STATE	OW	APD
RWU 329 (32-20B)	43-047-33225	99999	20-07S-23E	FEDERAL	OW	APD
RWU 328 (12-21B)	43-047-33224	99999	21-07S-23E	FEDERAL	OW	APD
RWU 200 (32-33B)	43-047-10207	99998	33-07S-23E	FEDERAL	OW	PA
RWU 249 (14-33C)	43-047-30390	5670	33-07S-24E	FEDERAL	GW	PA
RWU 211 (32-35C)	43-047-10209	99998	35-07S-24E	FEDERAL	OW	PA
RWU 304 (24-2F)	43-047-32106	11341	02-08S-24E	STATE	GW	PA

**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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Gas  
 Well  Well  Other 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
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

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  
 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 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.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

# RECEIVED

FEB 07 2000

DIVISION OF  
OIL, GAS AND MINING

IN REPLY REFER TO  
UT-931

February 4, 2000

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

Re: Red Wash Unit  
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

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

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)

~~DIVISION OF OIL, GAS & MINING~~  
Minerals Adjudication Group U-932  
File - Red Wash Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:2/4/00