

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 781' FNL & 1904' FWL (NE 1/4 NW 1/4)
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 ±15 miles south and east of Jensen, Utah

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 781'
 16. NO. OF ACRES IN LEASE Within Unit

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. ±1600'
 19. PROPOSED DEPTH 6700'

21. ELEVATIONS (Show whether DF, ET, GR, etc.) GR 5290
 22. APPROX. DATE WORK WILL START* 11-4-78

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300	To surface
7-7/8"	5-1/2"	15.5#	TD	±600 gals

5. LEASE DESIGNATION AND SERIAL NO. U-0559
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME Red Wash
 8. FARM OR LEASE NAME
 9. WELL NO. 257 (21-23A)
 10. FIELD AND POOL, OR WILDCAT Red Wash - Wasatch
 11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec 23, T7S, R22E
 12. COUNTY OR PARISH Uintah
 13. STATE Utah

It is proposed to drill this Development Well to a depth of 6700' to test the Wasatch Formation.

- Attachments:
- Drilling Procedure
 - Certified Plat
 - Chevron Class III BOP Requirements
 - Multi-Point Surface Use Plan w/attachments
 - Proposed Completion Procedure
 - Equipment Location Plat
- 3 - USGS
 - 2 - State
 - 3 - Partners
 - 1 - JCB
 - 1 - ALF
 - 1 - DBB
 - 1 - Sec 723
 - 1 - File

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

24. SIGNED [Signature] TITLE Engineering Assistant DATE 7/12/78
 (This space for Federal or State office use)
 PERMIT NO. 43-041-30457 APPROVAL DATE _____
 APPROVED BY _____ DATE: 7-18-78
 CONDITIONS OF APPROVAL, IF ANY: _____ BY: [Signature]

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

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

Usual Environmental Analysis

Lease No. U-0559

Operator Chevron USA, Incorporated

Well No. 257

Location 781' FNL and 1904' FWL

Sec. 23

T. 7 S. R. 22 E.

County Uintah

State Utah

Field Red Wash

Status: Surface Ownership Public

Minerals Federal

Joint Field Inspection Date August 3, 1978

Participants and Organizations:

George Diwachak

USGS - Salt Lake City

Bill Robbins

BLM - Vernal, Utah

Jake Bellard

Chevron

Related Environmental Analyses and References:

- (1) Unit Resource Analysis - Bonanza Planning Unit (08-05)
Bureau of Land Management - Vernal, Utah
- (2)

Analysis Prepared by:

George Diwachak
John T. Evans
Environmental Scientist
Salt Lake City, Utah

Date August 10, 1978

Red edge 30' from NE side 100'
wash

Proposed Action:

On July 17, 1978, Chevron USA, Incorporated filed an Application for Permit to Drill the No. 257 development well, a 6,700-foot oil and gas test of the Wasatch Formation; located at an elevation of 5,290 ft in the Red Wash Field on Federal mineral lands and public surface; Lease No. U-0559. *781' FWL & 1964' FWL Sec 23-75-22E Uintah Co., Utah*

There was no objection raised to the wellsite nor to the access road.

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

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

The operator proposes to construct a drill pad 155 ft wide x 315 ft and a reserve pit 100 ft x 200 ft. New access road construction is not necessary as a good existing road runs to the edge of the proposed location. The operator proposes to construct production facilities on a disturbed area of the proposed drill pad. If production is established, plans for a gas flow line have been submitted to the appropriate agencies for approval. The anticipated starting date is when approved and duration of drilling activities would be about 60 days.

Location and Natural Setting:

The proposed drillsite is approximately 15 mi southeast of Jensen, Utah, the nearest town. A good road runs to the location. This well is in the Red Wash field.

Topography:

The topography of the proposed location is gently rolling, sloping to the deep canyons and hills characteristic of the Red Wash area.

Geology:

The surface geology is Uintah Formation. The soil is sandy clay loam. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

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

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

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

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinon, juniper association is also present.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposed to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

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

Air:

No specific data on air quality is available at the proposed location; however, data from the White River Shale Project infers that the existing air quality relative to federal Ambient Air Quality Standards is good. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

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

Toxic or noxious gases would not be anticipated.

Precipitation:

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

Winds are medium and gusty, occurring predominately from west to east. Air mass inversions are rare.

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

Surface Water Hydrology:

There are no perennial streams in the area. During periods of high runoff the area is drained by Baser Wash which flows in a westerly direction toward the Green River.

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

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

Ground Water Hydrology:

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

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

Vegetation:

The vegetation of the proposed location is of the salt desert shrub type and consists of a sparse covering of sagebrush, shadscale, rice grass, and other grasses.

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

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

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to habitat on the project area. The fauna of the area consists predominatly of the Pronghorn Antelope, mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If an historic

artifact, an archeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

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

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

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

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Uintah County. But should this well discover a significant new hydrocarbon source, local, state and possibly national economies might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

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

Land Use:

The land is used for some wildlife and livestock grazing as well as oil and gas operations. There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Bonanza Planning Unit (08-01). This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the

area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The EAR is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

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

Alternatives to the Proposed Action:

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

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

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

A small, but deeply cut dry wash runs nearby the northeast side of the proposed location. It is recommended that the pad be kept a minimum of 30 ft from the edge of the wash to mitigate any possible environmental hazards. This can be accomplished by basically adjusting the reserve pit by extending its length and narrowing it slightly.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately two acres of land surface from the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Green River. The potential for pollution to the Baser Wash would exist through leaks and spills.

Determination:

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

**ACTING**

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

ATTACHMENT

BOP TESTS SUBSEQUENT TO
INITIAL INSTALLATION AND
TESTING TO MSP

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

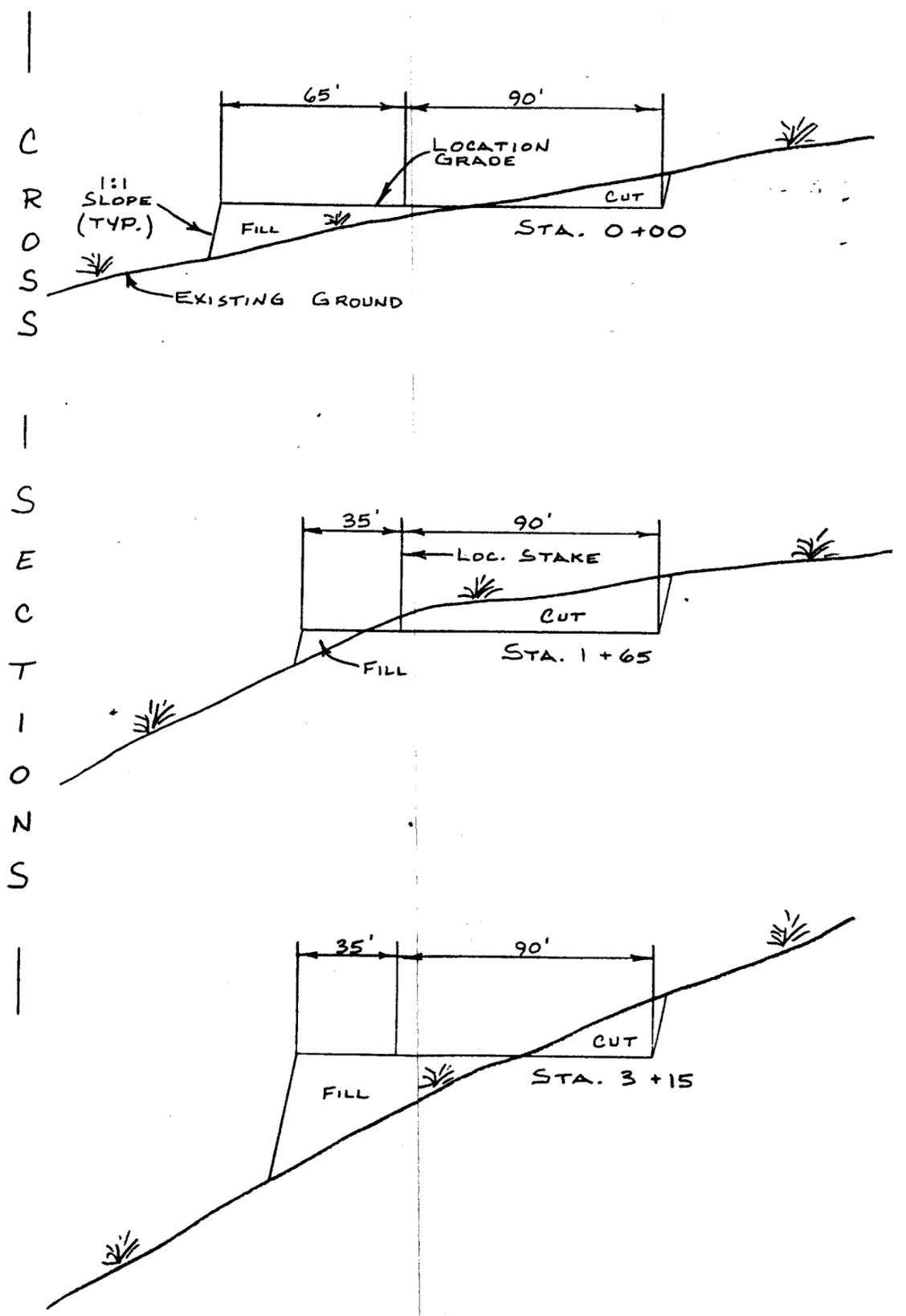
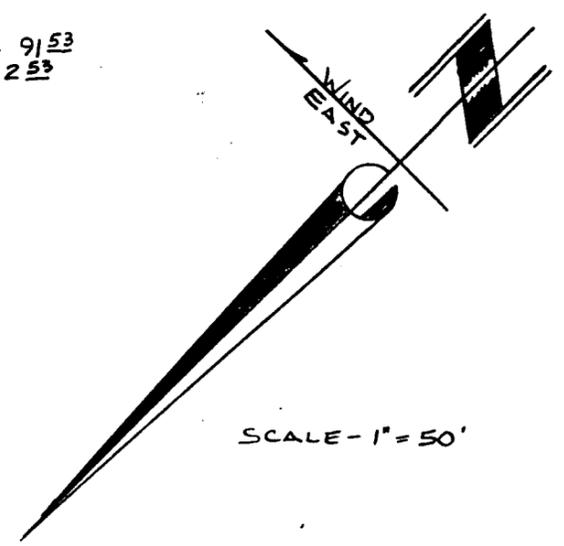
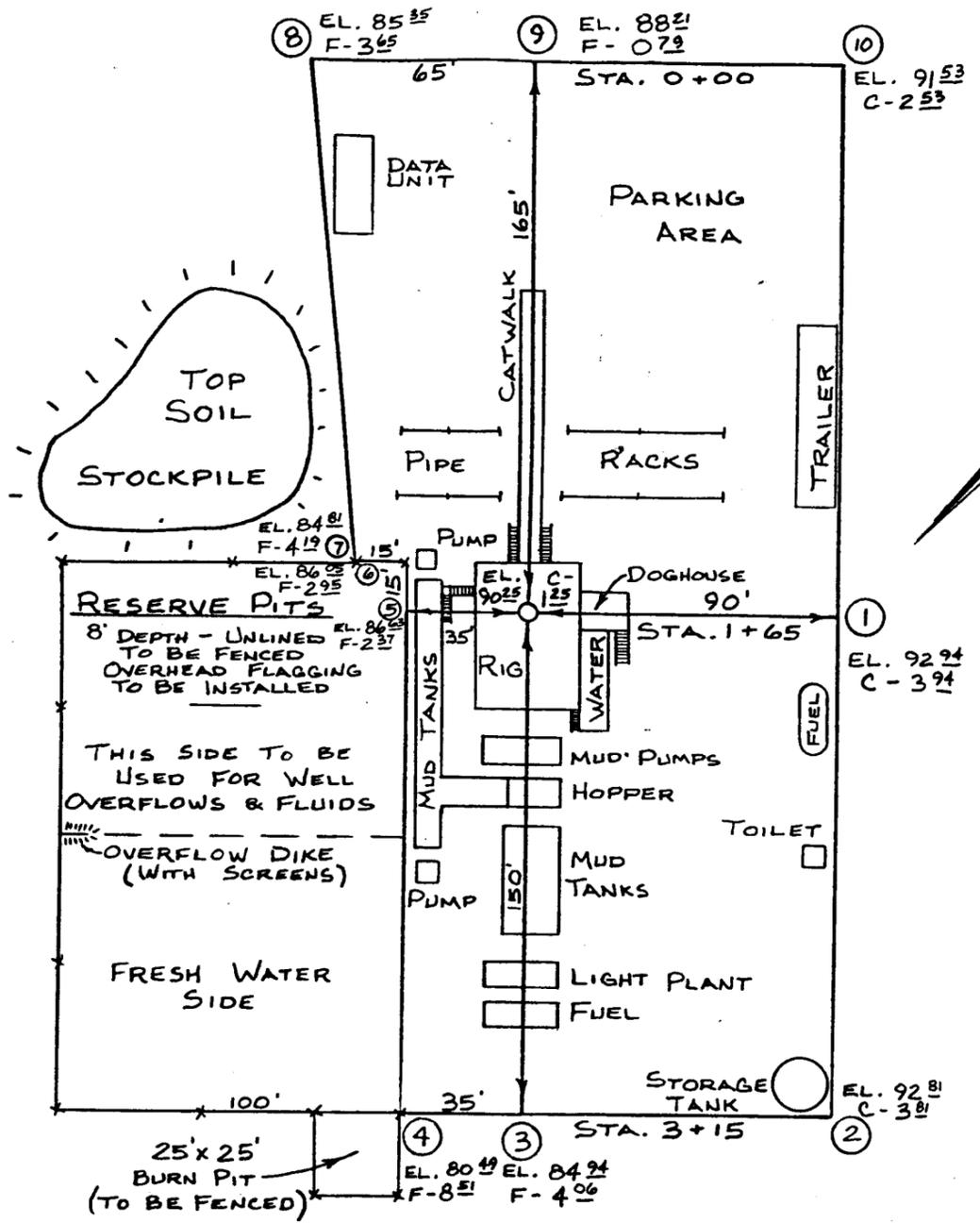
Pipe Rams, Series 900	-	2000 psi
Pipe Rams, Series 1500	-	3000 psi
Hydril	-	750 psi
Blind Rams	-	*
Choke Manifold, Kelly Cock, DP and Safety Valve	-	same as pipe rams

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

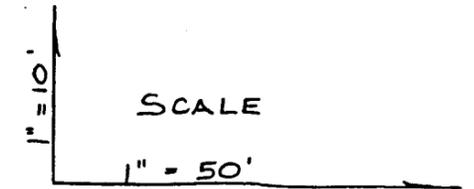
When using rig pump, all BOP's, lines, etc., should be filled with water for the test.

RED WASH UNIT
COMPLETION PROCEDURE ON
DEVELOPMENT DRILLING WELLS

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



APPROX. YARDAGES
 CUT - 1,972 CU. YDS.
 FILL - 1,816 CU. YDS.

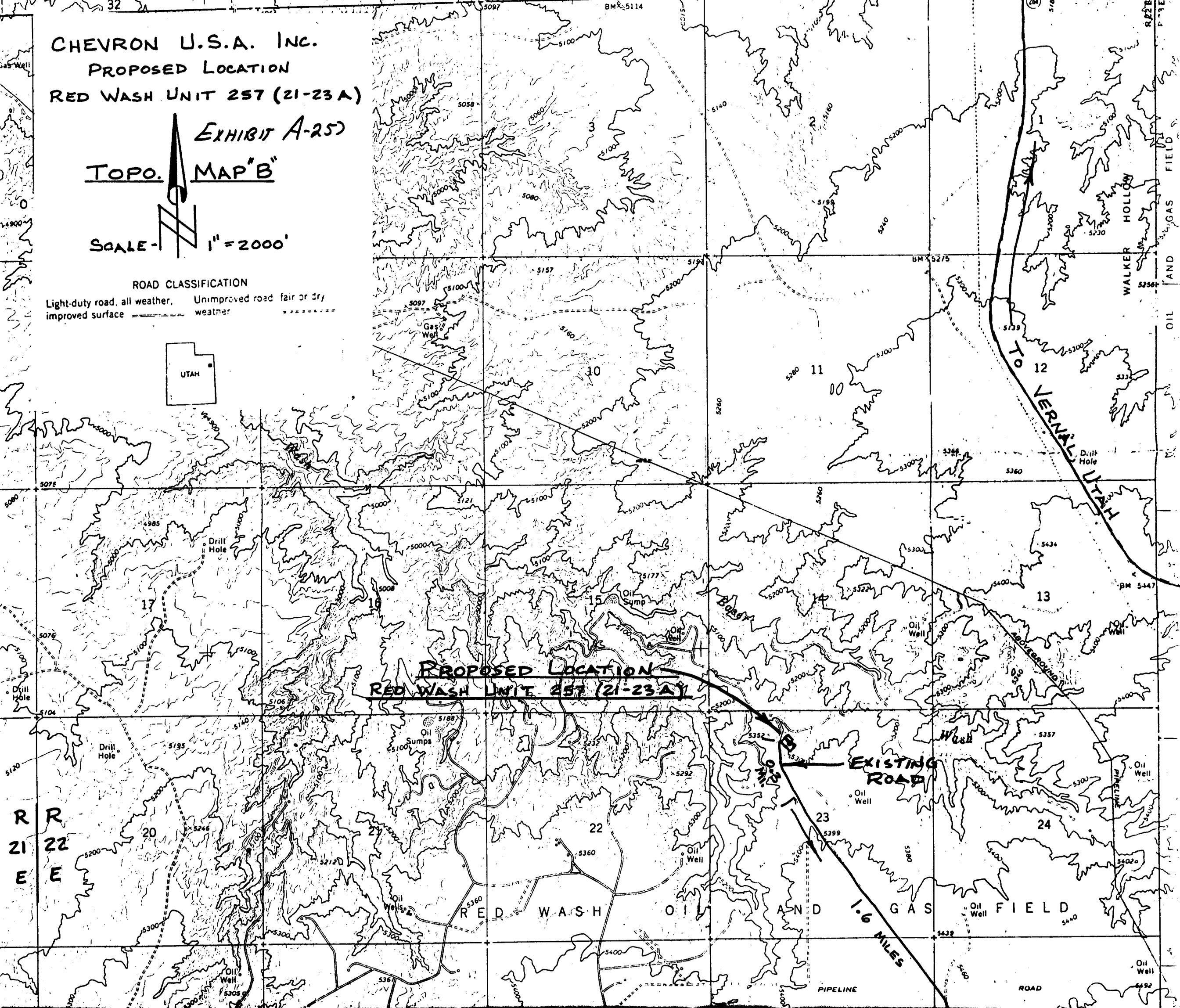
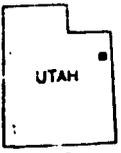


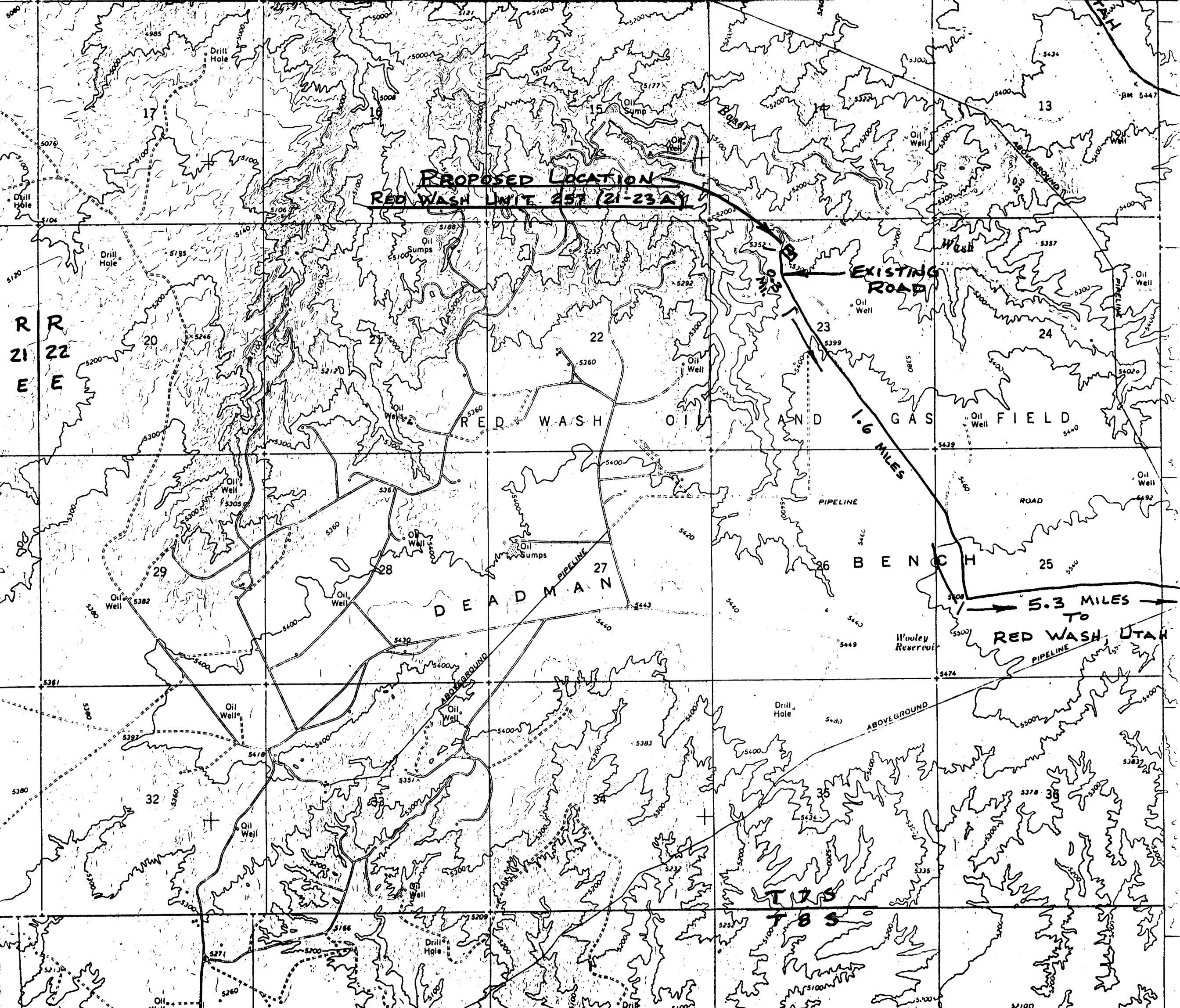
CHEVRON U.S.A. INC.
 LOCATION LAYOUT & CUT SHEET
 FOR
 RED WASH UNIT
 257 (21-23 A)

CHEVRON U.S.A. INC.
PROPOSED LOCATION
RED WASH UNIT 257 (21-23 A)

EXHIBIT A-25
TOPO. MAP "B"
SCALE - 1" = 2000'

ROAD CLASSIFICATION
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather





PROPOSED LOCATION
RED WASH UNIT 257 (21-23A)

EXISTING ROAD

RED WASH OIL AND GAS FIELD

BENCH

DEADMAN PIPELINE

5.3 MILES TO RED WASH, UTAH

RR 21 22 E E

T 7 S
T 8 S

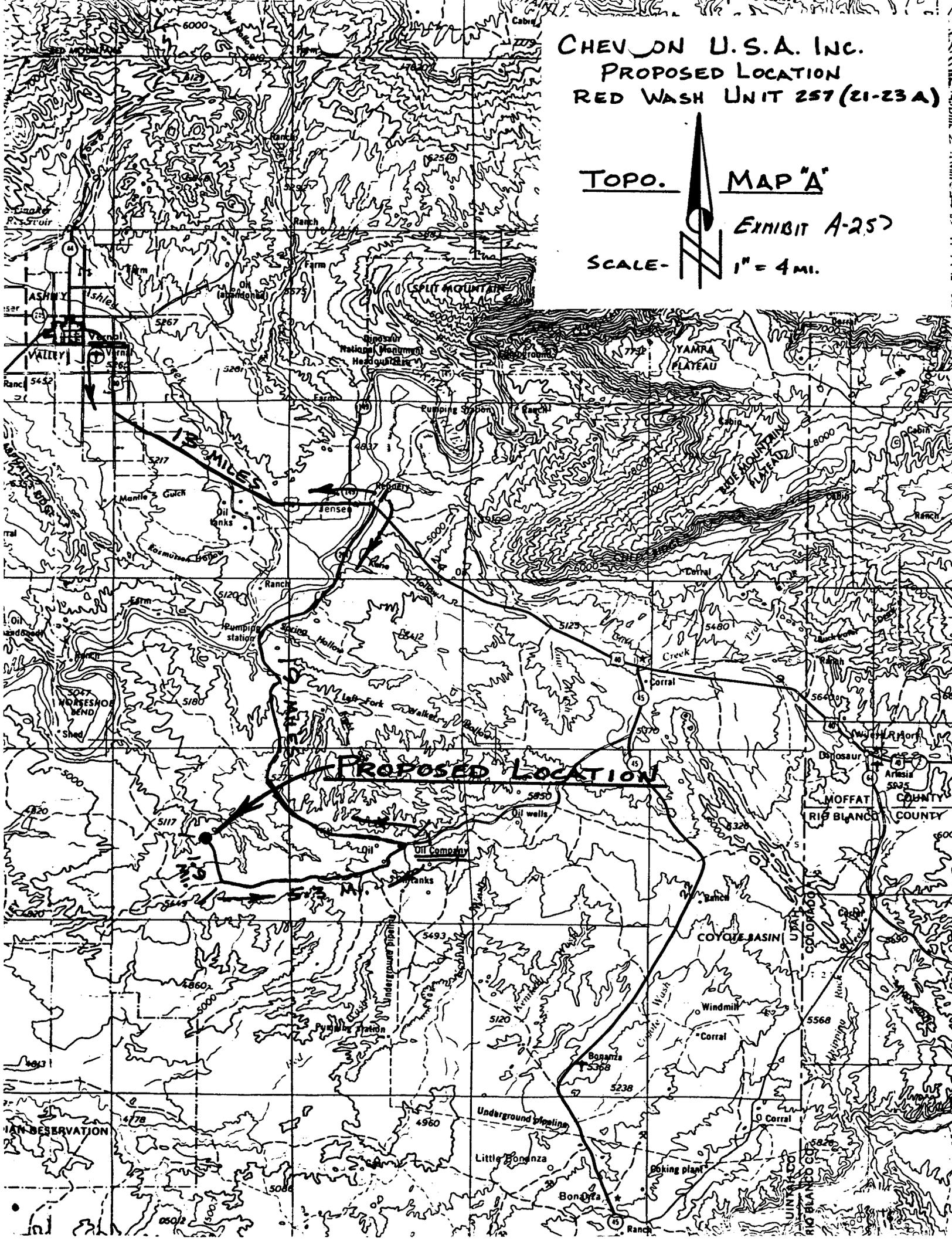
CHEVRON U.S.A. INC.
PROPOSED LOCATION
RED WASH UNIT 257 (21-23 A)

TOPO.

MAP "A"

EXHIBIT A-257

SCALE - 1" = 4 MI.



U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-0559

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

WELL NO. 257 (21-23A)

LOCATION: 1/4 NE 1/4 NW 1/4 sec. 23, T. 7 S., R. 22 E., SIM

Uintah County, Utah

1. Stratigraphy:

Operator projected tops and potential oil and gas horizons are adequate.

2. Fresh Water:

Fresh water may be encountered in the Uinta Formation to a depth of 2,000 feet.

3. Leasable Minerals:

Within oil shale withdrawal. Top of Mahogany oil shale zone expected about 4800'.

4. Additional Logs Needed:

Proposed logging program should be adequate.

5. Potential Geologic Hazards:

None expected beyond those mentioned by the operator.

6. References and Remarks:

Within Red Wash KGS

Signature: _____

Date: 07 - 31 - 78

Mineral Evaluation

rs

3

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: July 18
Operator: Chesron Oil
Well No: Red Wash Unit # 257
Location: Sec. 23 T. 7S R. 22E County: Uintah

File Prepared:
Card Indexed:

Entered on N.I.D.:
Completion Sheet:

API NUMBER: 43047-30457

CHECKED BY:

Administrative Assistant [Signature]

Remarks: Unit Well

Petroleum Engineer [Signature]

Remarks: [Signature]

Director [Signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: [Signature]

Survey Plat Required:

Order No.

Surface Casing Change
to

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

O.K. Rule C-3

O.K. In Red Wash Unit

Other:

Letter Written/Approved

30457

Rwu 257

Sec 23, T 7 S, R 22 E

Subly 5/8/89

MICROFICHE



stack pile

Stack pile

○ well head



pump
jack
pad

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

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 Chevron U.S.A. Inc.

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 Uintah Utah

16. NO. OF ACRES IN LEASE Within Unit
 17. NO. OF ACRES ASSIGNED TO THIS WELL 40

19. PROPOSED DEPTH 6700'
 20. ROTARY OR CABLE TOOLS Rotary

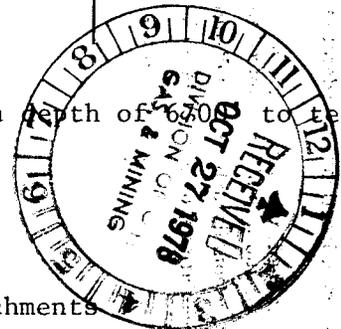
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- 1 - Sec 723
- 1 - File

State of Utah, Department of Natural Resources
 Division of Oil, Gas, and Mining
 1508 West North Temple
 Salt Lake City, Utah 84116

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

24. SIGNED [Signature] TITLE Engineering Assistant DATE 7/12/78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY [Signature] TITLE ACTING DISTRICT ENGINEER DATE OCT 26 1978
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

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

State 059



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771
November 19, 1979

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

Chevron USA Inc.
700 South Colo. Blvd.
P. O. Box 599
Denver, Colo. 80201

RE: SEE ATTACHED SHEET FOR
WELLS INVOLVED.

Gentlemen:

In reference to above mentioned well(s), considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill this well (these wells), please notify this Division. If spudding or any other activity has taken place, please send necessary forms.* If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well, and action will be taken to terminate the application. If you plan on drilling this well at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Debbie Beauregard
DEBBIE BEAUREGARD
CLERK-TYPIST

ATTACHMENT, WELLS INVOLVED.

- 1) Well No. Red Wash Unit 253 (23-2F)
Sec. 2, T. 8S, R. 24E,
Uintah County, Utah
- 2) Well No. Red Wash Unit 254 (24-10F)
Sec. 10, T. 8S, R. 24E,
Uintah County, Utah
- 3) Well No.. Red Wash Unit 255 (23-1E)
Sec. 1, T. 8S, R. 23E,
Uintah County, Utah
- 4) Well No. Red Wash Unit 256 (12-19C)
Sec. 19, T. 7S, R. 24E,
Uintah County, Utah
- 5) Well No. Red Wash Unit 257 (21-23A)
Sec. 23, T. 7S, R. 22E,
Uintah County, Utah
- 6) Well No. Red Wash Unit 258 (34-22A)
Sec. 22, T. 7S, R. 22E,
Uintah County, Utah



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

November 27, 1979

W. B. Jackson
Division Production Manager

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Gentlemen:

In reference to your letter dated November 19, 1979 involving the status of the attached list of wells, the following reply is submitted. Wells RWU #253, RWU #254, and RWU #255 have not been drilled and at this time plans to drill these wells in the future have been abandoned. The remaining three wells, RWU #256, RWU #257, and RWU #258 have not been drilled, however, the possibility of drilling the wells still exists. At this time no definite plans have been made as to possible spud dates.

Very truly yours,

W. B. Jackson
Chevron U.S.A. Inc.
Rocky Mountain Division Manager

MS:cs
Attachment



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

SUB: IN TRIPLICATE*
(C... instructions on reverse side)

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Date: November 30, 1979

Well has not been spudded but plans to drill are still in effect.

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

SIGNED *Glenn J. Hanna* TITLE Engineering Assistant DATE 12/20/79

(This space for Federal or State office use)

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

DRILLING PROCEDURE

Field Red Wash Well RWU #257 (21-23A)
 Location NE 1/4 NW 1/4 Sec 23, T7S, R22E
 Drill X Deepen _____ Elevation: GL 5280 est KB 5295 est Total Depth 6700
 Non-Op Interests Gulf 1.18%, Caulkins .885%, Buttram .295%

1. Name of surface formation: Uinta Formation

2. Estimated tops of important geologic markers:

Formation	Approximate Top	Formation	Approximate Top
<u>Green River Fm</u>	<u>2990 (+2300)</u>	<u>Wasatch</u>	<u>6200 (-905)</u>
<u>J</u>	<u>5520 (-235)</u>	<u>TD</u>	<u>6700 (-1405)</u>
<u>K</u>	<u>5690 (-395)</u>		

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

Formation	Depth	Type	Formation	Depth	Type
<u>Uinta</u>	<u>2600</u>	<u>Gas</u>	<u>Green River Lp</u>	<u>6060'</u>	<u>0</u>
<u>Green River I_c</u>	<u>5355</u>	<u>Oil/Gas</u>			
<u>Green River I_g</u>	<u>5470</u>	<u>Oil</u>			
<u>Green River J</u>	<u>5520</u>	<u>Oil/Water</u>			

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

	Surface	O/N	Intermediate	O/N	Oil String/ Liner	O/N
	Hole Size	<u>12-1/4</u>				<u>7-7/8</u>
Pipe Size	<u>8-5/8</u>	<u>N</u>			<u>5-1/2</u>	<u>N</u>
Grade	<u>K-55</u>				<u>K-55</u>	
Weight	<u>24#</u>				<u>15.5#</u>	
Depth	<u>300</u>				<u>T.D.</u>	
Cement	<u>To Surface</u>				<u>+ 600 sx</u>	
Time WOC	<u>6 hrs</u>				<u>6 hrs</u>	
Casing Test	<u>1000</u>				<u>2000</u>	
BOP	<u>S-900</u>					
Remarks						

5. BOPE: S-900 Hydraulically operated double gate and hydril.

6. Mud Program:

Depth Interval	Type	Weight	Viscosity	Water Loss
<u>0-300</u>	<u>Gel-Water</u>			
<u>300-3000</u>	<u>Water</u>			
<u>3000-TD</u>	<u>Chem-Gel</u>	<u>+ 90</u>	<u>40</u>	<u>6cc below 5000'</u>

7. Auxiliary Equipment: Kelly cock, DP safety valve

8. Logging Program:
 Surface Depth _____
 Intermediate Depth _____
 Oil String Depth _____
 Total Depth SP-DIL: Base surf csg to TD, CNL-FDC-CAL: 2000' to TD, RFT 15 sets

9. Mud Logging Unit: 2 man 1500' to TD; GR
 Scales: 2" = 100' to _____; 5" = 100' 2000' to TD

10. Coring & Testing Program:

Core	DST	Formations	Approximate Depth	Approximate Length of Core
<u>none</u>	<u>1</u>	<u>Uinta</u>	<u>2600</u>	

11. Anticipated Bottom Hole Pressure/Temperatures/Hazards and plans for mitigating: BHT 115° 2546 psi

12. Completion & Remarks: Possible strong gas shows as shallow as 2400', + 1000 psi.

Division Development Geologist [Signature] Division Drilling Superintendent [Signature]
 Chief Development Geologist [Signature] Date 6/1/78
 WS-44

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

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

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Date: Dec. 31, 1979

Well has not been spudded, but plans to drill are still in effect.

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

SIGNED John A. Smith TITLE Engineering Assistant DATE Jan. 16, 1980

(This space for Federal or State office use)

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

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

SUB IN TRIPPLICATE*
(Instructions on reverse side)

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FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____
(Other) _____	Well Status <input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Date: January 31, 1980

Well has not been spudded but plans to drill are still in effect.

RECEIVED

FEB 19 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED *Christopher J. ...* TITLE Engineering Assistant DATE Feb. 15, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR <u>Chevron U.S.A. Inc.</u></p> <p>3. ADDRESS OF OPERATOR <u>P. O. Box 599, Denver, CO 80201</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>781' FNL & 1904' FWL (NE½ NW½)</u></p>		<p>5. LEASE DESIGNATION AND SERIAL NO. <u>U-0559</u></p> <p>6. IF INDIAN, ALLOTTED OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME <u>Red Wash</u></p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. <u>257 (21-23A)</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Red Wash-Wasatch</u></p> <p>11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA <u>Sec. 23, T7S, R22E</u></p> <p>12. COUNTY OR PARISH 13. STATE <u>Uintah Utah</u></p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) <u>GR 5290</u></p>	

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Date: Feb. 29, 1980

Well has not been spudded but plans to drill are still in effect.

RECEIVED

MAR 17 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED *Yolanda Hama* TITLE Engineering Assistant DATE March 14, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT IN TRIPPLICATE*
(On instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. U-0559
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Chevron U.S.A. Inc.		7. UNIT AGREEMENT NAME Red Wash
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 781' FNL & 1904' FWL (NE $\frac{1}{4}$ NW $\frac{1}{4}$)		9. WELL NO. 257 (21-23A)
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Red Wash-Wasatch
15. ELEVATIONS (Show whether DF, RT, OR, etc.) GR 5290		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T7S, R22E
12. COUNTY OR PARISH		13. STATE Uintah Utah

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Date: March 31, 1980

Well has not been spudded but plans to drill are still in effect.

RECEIVED

APR 18 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED *Colanda Mamer* TITLE Engineering Assistant DATE April 16, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

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

SUBM. IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. * 11-0559
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Chevron U.S.A. Inc.		7. UNIT AGREEMENT NAME Red Wash
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 781' FNL & 1904' FWL (NE $\frac{1}{4}$ NW $\frac{1}{4}$)		9. WELL NO. 257 (21-23A)
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Red Wash-Wasatch
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5290		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T7S, R22E
		12. COUNTY OR PARISH 13. STATE Uintah Utah

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Date: April 30, 1980

Well has not been spudded but plans to drill are still in effect.

RECEIVED
MAY 21 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED *[Signature]* TITLE Engineering Assistant DATE May 16, 1980

(This space for Federal or State office use)

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

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

SUB (0) TRIPPLICATE*
Instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR <u>Chevron U.S.A. Inc.</u></p> <p>3. ADDRESS OF OPERATOR <u>P. O. Box 599, Denver, CO 80201</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <u>781' FNL & 1904' FWL (NE$\frac{1}{4}$ NW$\frac{1}{4}$)</u></p> <p>14. PERMIT NO.</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <u>U-0559</u></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME <u>Red Wash</u></p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. <u>257 (21-23A)</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Red Wash-Wasatch</u></p> <p>11. SEC., T., R., M., OR BLK. AND SUBVY OR AREA <u>Sec. 23, T7S, R22E</u></p> <p>12. COUNTY OR PARISH <u>Uintah</u></p> <p>13. STATE <u>Utah</u></p>
<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) <u>GR 5290</u></p>	

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Date: May 30, 1980

Well has not been spudded but plans to drill are still in effect.

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

SIGNED *Cassandra J. Thomas* TITLE Engineering Assistant DATE June 16, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-0559
2. NAME OF OPERATOR Chevron U.S.A. Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201		7. UNIT AGREEMENT NAME Red Wash
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 781' FNL & 1904' FWL (NE $\frac{1}{2}$ NW $\frac{1}{2}$)		8. FARM OR LEASE NAME
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5290	9. WELL NO. 257 (21-23A)
		10. FIELD AND POOL, OR WILDCAT Red Wash-Wasatch
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T7S, R22E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

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

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

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Date: June 30, 1980

Well has not been spudded but plans to drill are still in effect.

18. I hereby certify that the foregoing is true and correct
SIGNED *Johnnie Stamer* TITLE Engineering Assistant DATE July 15, 1980

(This space for Federal or State office use)

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) <u>GR 5290</u></p>	

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Date: July 31, 1980

Well has not been spudded but plans to drill are still in effect.

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

SIGNED Jolanda P. Parnas TITLE Engineering Assistant DATE 8/15/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

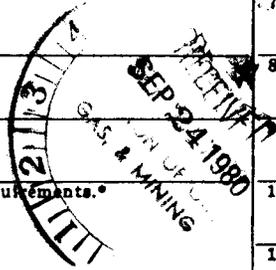
STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-0559
2. NAME OF OPERATOR Chevron U.S.A. Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201		7. UNIT AGREEMENT NAME RED WASH
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 781' FNL & 1904' FWL (NE $\frac{1}{4}$ NW $\frac{1}{4}$)		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO. 257 (21-234)
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5290		10. FIELD AND POOL, OR WILDCAT REDWASH-WASATCH
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 23, T7S, R22E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah



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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DATE: AUGUST 31, 1980

WELL HAS NOT BEEN SPUDDED, BUT PLANS TO DRILL ARE STILL IN EFFECT.

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

SIGNED Ann Leonard TITLE ENGINEERING ASSISTANT DATE 9-17-80

(This space for Federal or State office use)

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

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-0559
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3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 781 FNL 1904 FWL		9. WELL NO. 257 (21-23A)
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Red Wash-Wasatch
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5290		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S23, T7S, R22E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

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

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TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) To submit NTL-6 <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This Sundry to Submit Multipoint Surface Use Plan for Application to Drill dated 12/2/80.



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

SIGNED *[Signature]* TITLE Engrg. Assist. DATE 12/12/80

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

CHEVRON U.S.A. INC.
REDWASH UNIT NO. 257
UINTAH COUNTY, UTAH
MULTIPOINT SURFACE USE PLAN

1. EXISTING ROADS

A-F. See Exhibits "A" and "B". We will not change, alter, or improve upon any existing roads.

2. PLANNED ACCESS ROADS

See Exhibits "A" and "B"

- A. Width - 20'
- B. Maximum Grade - 8% if necessary.
- C. Turnouts - None.
- D. Drainage Design - Roads to be placed and constructed so that minimal drainage alterations will be made.
- E. No major cuts and fills.
- F. Surfacing Materials - Gravel if necessary.
- G. Gates - Cattleguards - Fence Cuts - None.

3. LOCATION OF EXISTING WELLS

See Exhibit "D"

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. 1-6 See Exhibit "D"
- B. 1-4 Install new flowlines from subject wells to appropriate collection stations as shown on Exhibit "D". Flowlines will be 3" plain end welded line pipe. Normal construction procedures will be used. When warranted, fences, flagging, etc., will be used to protect animals.
- 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 appropriate BLM personnel.

5. LOCATION AND TYPE OF WATER SUPPLY

A-C. Fresh water supplied to the location will be piped through temporary surface lines from the appropriate collection stations or nearest fresh water line. Lines will be removed after drilling and completion operations. See Exhibit "D".

6. SOURCE OF CONSTRUCTION MATERIALS

A-D. All land is federal land. All gravel, cement, etc., needed on the location will come commercially from the Vernal, Utah Area. Access roads needed are shown on Exhibits "A" and "B".

7. METHODS FOR HANDLING WASTE DISPOSAL

- A. Cuttings will be settled out in reserve pits.
- B. Drilling fluids will be retained in reserve tanks utilizing maximum recirculation during drilling operations. Following drilling the liquid waste will be evaporated and the remainder worked into the deep subsoil of the pit and the pit filled in and returned to natural grade.
- C. In the event fluids are produced, any oil will be retained until sold in tankage and any water produced will be retained until its quality is determined. The quality and quantity of water produced will then determine the necessary disposal procedure.
- D. Sewage will be disposed of in the subsurface with proper chemical treatment.
- E. Garbage and other combustible materials will be incinerated in a safe incinerator and noncombustibles will be retained in a portable metal disposal container and hauled periodically to an approved disposal dump.
- F. After the rig has moved from the well site, all waste material will be either buried or removed 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 two trailers to be located on the drilling location.

9. WELL SITE LAYOUT

- 1-3 See Exhibit "C".
- 4. Pits will not be lined.

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. Reseeding will be performed as directed by the BLM.
- 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, burned or overhead flagged as dictated by then existing conditions.
- E. Some completion operations may extend into the winter months. Under normal conditions, rehabilitation could not be commenced until April or May and should be completed by the end of the summer of 1981.

11. OTHER INFORMATION

- A. The well is located on hilly and rocky terrain. Vegetation consists of small sagebrush, natural grasses and some small trees on and around the locations. 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 consists of livestock grazing as assigned by BLM.
- C. There are no water bodies or occupied dwellings near the well sites. Archaeological, historical, and cultural sites may be determined by the BLM during the field inspection.

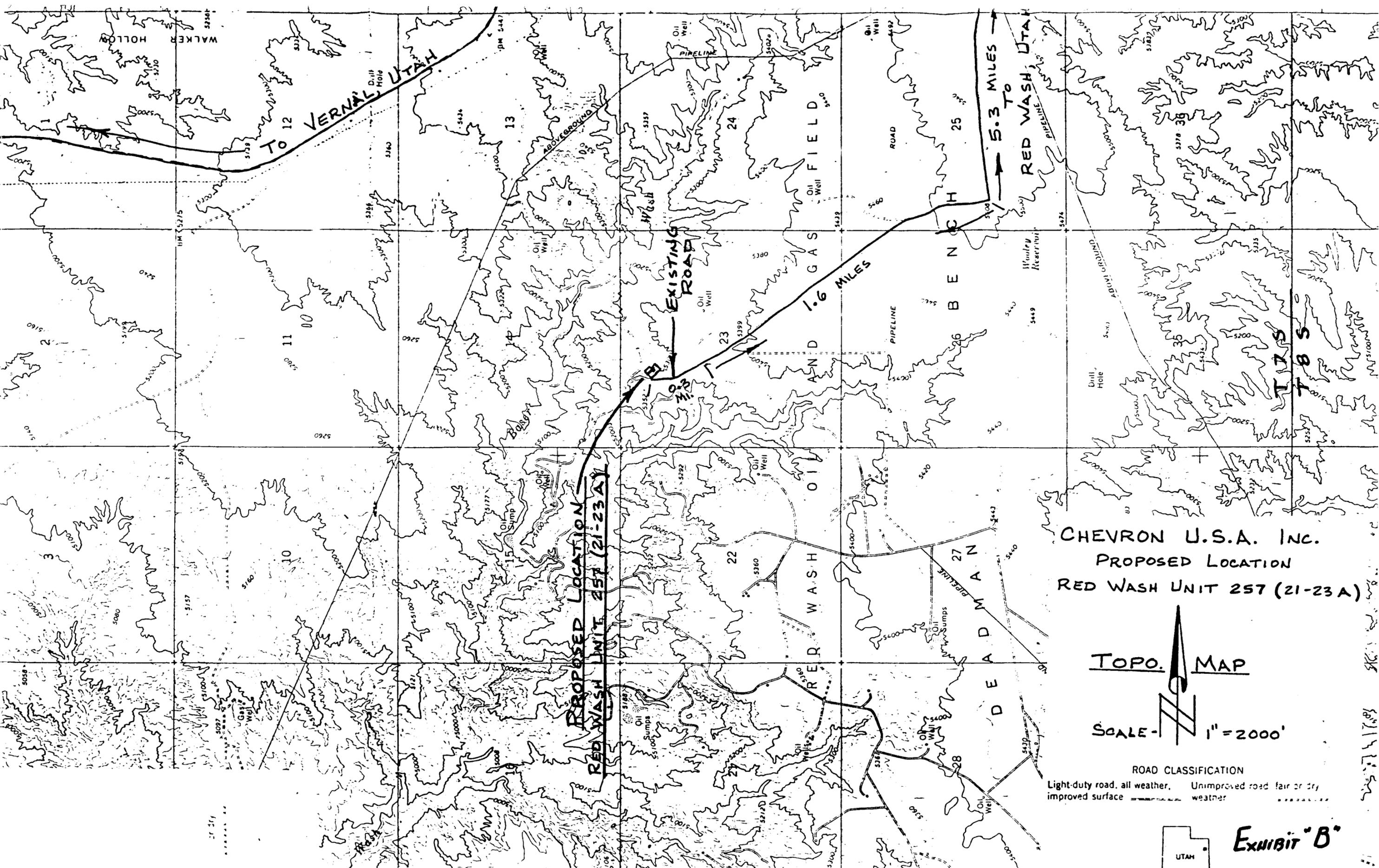
12. COMPANY REPRESENTATIVE

B. L. Haynes
P. O. Box 599
Denver, Colorado 80201
(303) 759-7527

13. 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.

12/11/80
Date

B. L. Haynes
B. L. HAYNES
Division Drilling Superintendent



**PROPOSED LOCATION
RED WASH UNIT 257 (21-23A)**

CHEVRON U.S.A. INC.
PROPOSED LOCATION
RED WASH UNIT 257 (21-23A)



ROAD CLASSIFICATION
 Light-duty road, all weather, improved surface ————
 Unimproved road, fair or dry weather - - - - -

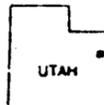
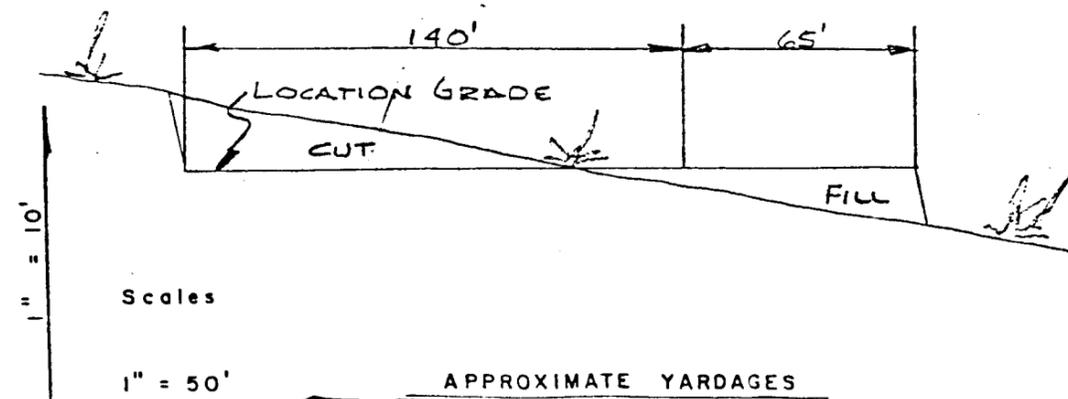
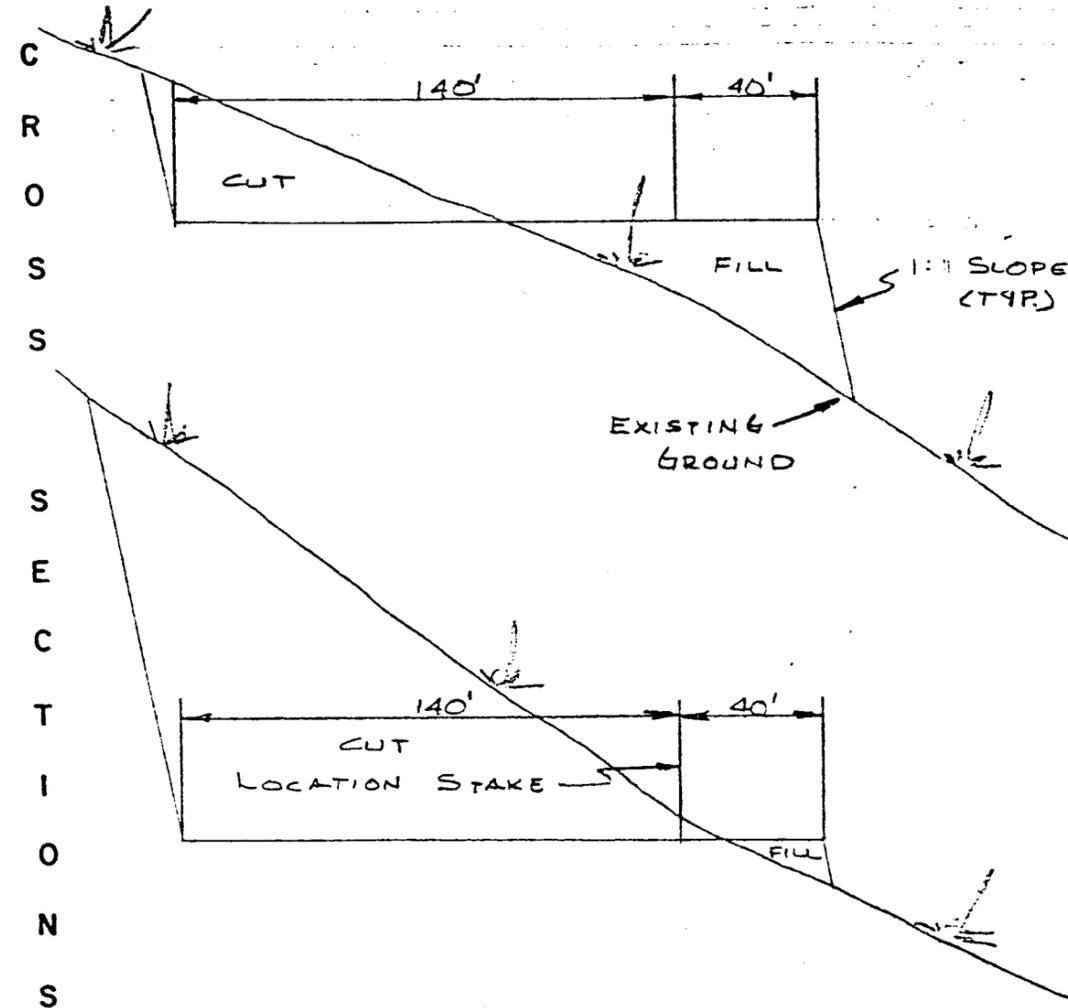


EXHIBIT "B"

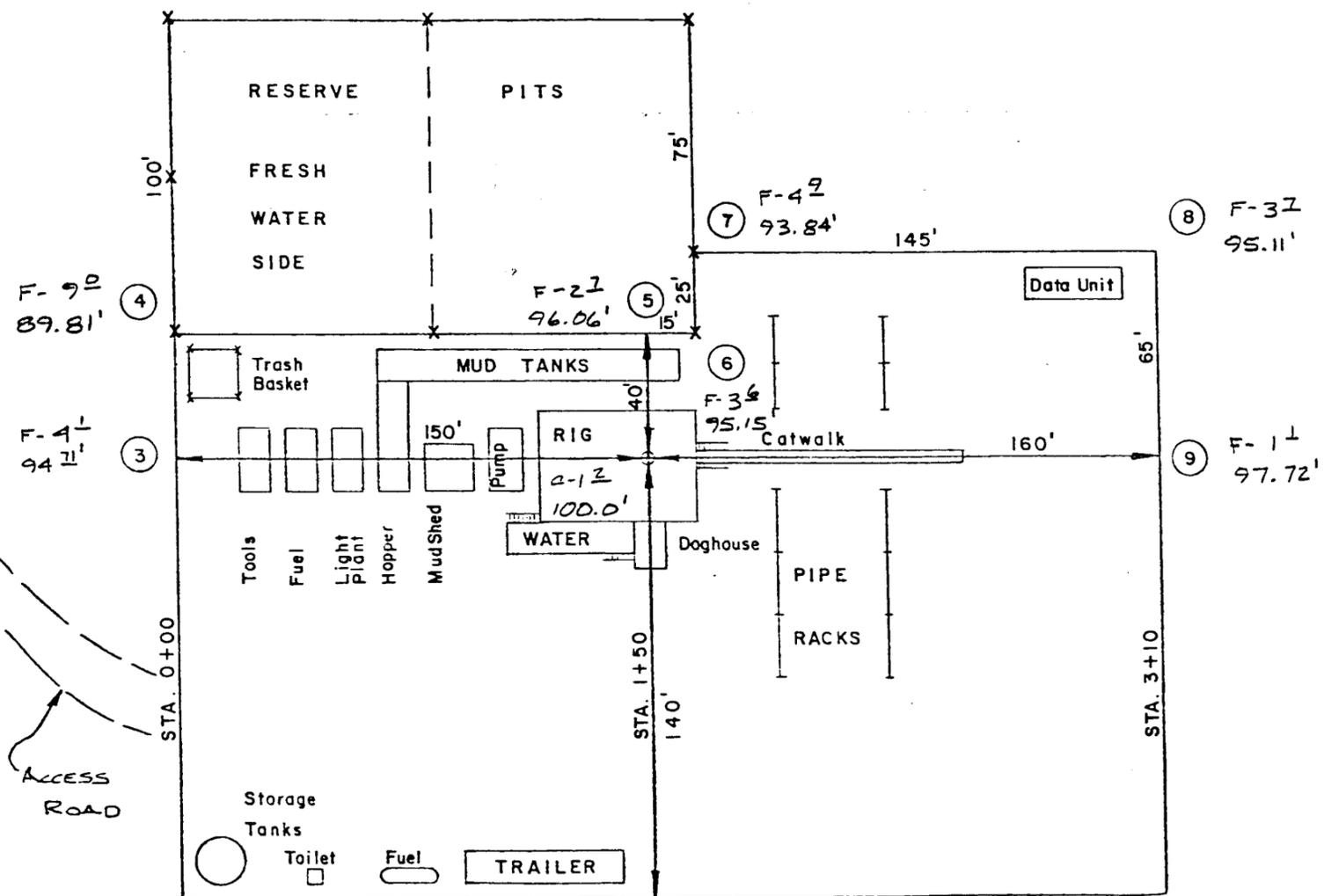
CHEVRON U.S.A. INC.

257 # 21-23A

Exhibit "C"



Cu. Yds. Cut - 4,835



F-9B 89.81' ④

F-4L 94.11' ③

⑦ F-4R 93.84'

⑧ F-3Z 95.11'

⑤ F-2Z 96.06'

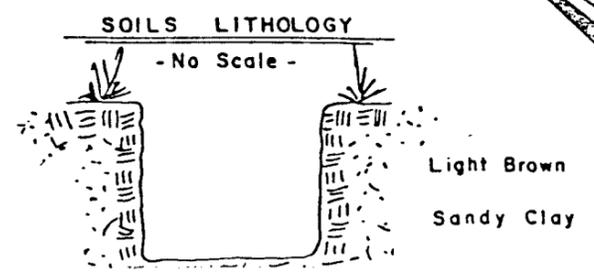
⑨ F-1L 97.72'

C-18Z 116.97' ②

① C-21Z 120.44'

⑩ C-3Z 102.47'

SCALE - 1" = 50'



R 22 E
A

F. R. ANDERSON
FED 42-9

8

9

11

12

7

BRACK ORLB.
UNIT
Alpine
Unit

HYLAND

17

16

15

14

13

18

44-6A
1961 WI
44-16A
1961 WIE

14-15A
1963 WI

34-15A
Aband

47-15A
1963 WI

33-15A
1960 CS

14-14A
Aband

ALPINE
BEND UNIT

42-13A
1963 WIE

18-B-1
27-65
CS

F. R. ANDERSON
FED 42

21A-1
Aband

12-21A
1962 WI

32-22A

23-A-1

27-23A
27 CS

32-19B
1959 CS
Aband

19B-1

32-19B

43-19B
Aband

20

21

22A-1

2 1/2"

24

19

T
7
S

21-28A

12-28A
Aband

27A COMP
PLANT
31-27A
1962

41-27A

12-27A
1970 WI

27

26

25

32-29A
1962 WI

21-28A
Aband

43-28A
1971 WI

21-30B
Aband

14-30B
Aband

29

29A-1

34-29A
1962 WI

2-30B
1965 WI

23-30B
Aband

30B-1
32-30B

43-30B
WI

EXHIBIT "D"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-0559
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Chevron U.S.A. Inc.		7. UNIT AGREEMENT NAME Red Wash
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 781' FNL & 1904' FWL (NE $\frac{1}{4}$, NW $\frac{1}{4}$) At proposed prod. zone		9. WELL NO. 257 (21-23A)
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* + 15 miles south and east of Jensen, Utah		10. FIELD AND POOL, OR WILDCAT Red Wash - Wasatch
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 781'	16. NO. OF ACRES IN LEASE Within Unit	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 23, T7S, R22E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. + 1600'	19. PROPOSED DEPTH 6700'	12. COUNTY OR PARISH Uintah
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5290	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	13. STATE Utah
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START* December 30, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300	To surface
7-7/8"	5-1/2"	15.5#	TD	± 600 sxs

Resubmitting proposal to drill this Development Well to a depth of 6700' to test the Wasatch Formation.

ORIGINALLY APPROVED BY YOUR OFFICE ON OCTOBER 26, 1978.

Attachments: Drilling Procedure Certified Plat Chevron Class III BOP Requirements Multi-Point Surface Use Plan w/attachments Proposed Completion Procedure Equipment Location Plat	3-USGS 2-State 3-Partners 1-JCB 1-ALF 1-DBB 1-Sec 723 1-File
---	---

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

24. SIGNED [Signature] TITLE Engineering Assistant DATE December 2, 1980

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

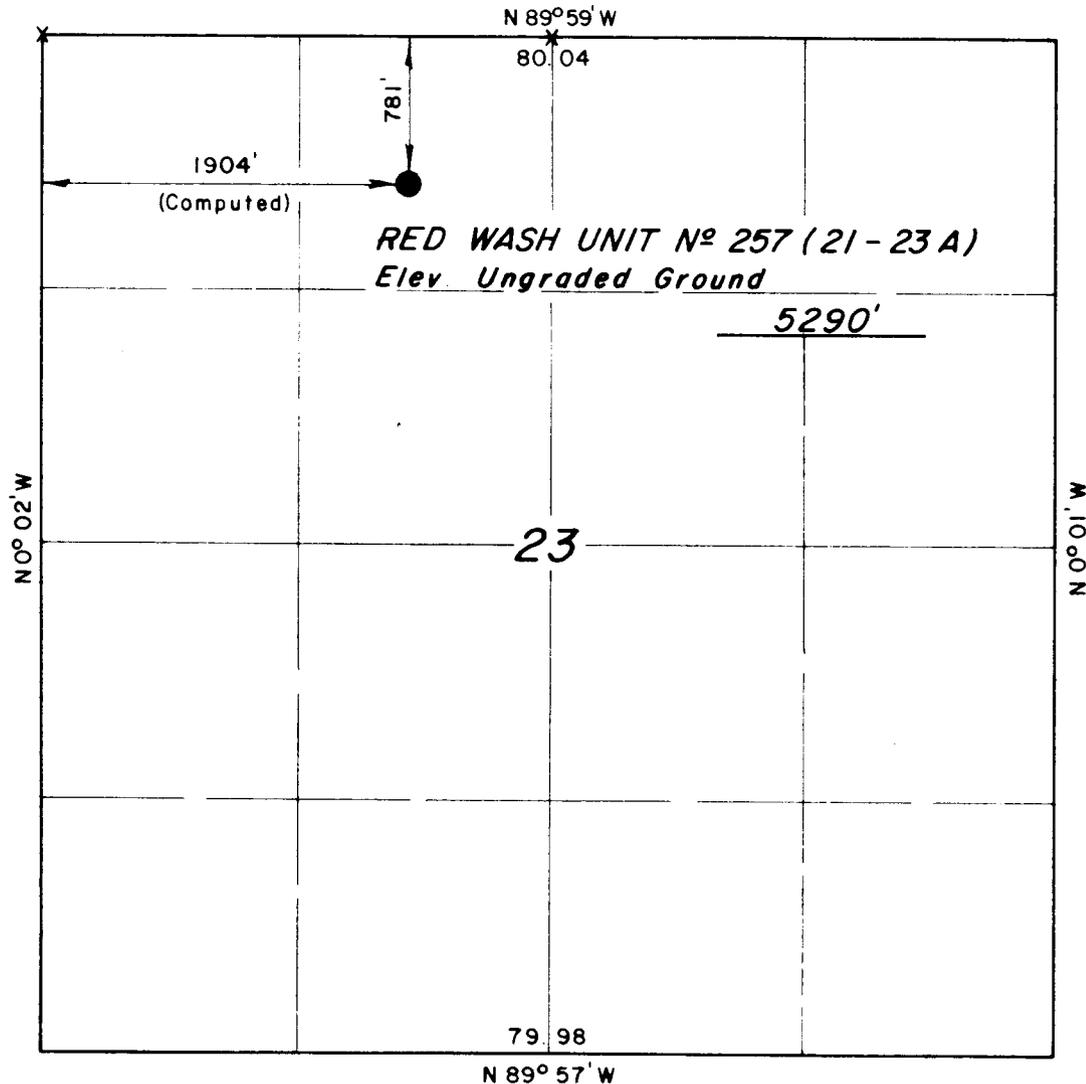
CONDITIONS OF APPROVAL, IF ANY:

T 7 S, R 22 E, S.L.B.&M.

PROJECT

CHEVRON U.S.A. INC.

Well location, RED WASH UNIT N^o 257
(21 - 23 A), located as shown in the NE 1/4
NW 1/4 Section 23, T 7 S, R 22 E, S.L.B.&M.
Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

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

[Signature]

REGISTERED LAND SURVEYOR
REGISTRATION N^o 2454
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 7/5/78
PARTY N. J. M. H. M. L. R. BFW	REFERENCES GLO Plat
WEATHER Fair	FILE CHEVRON

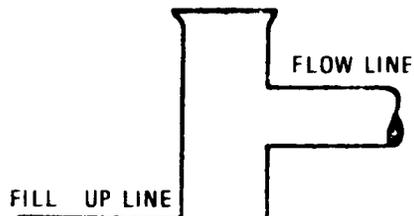
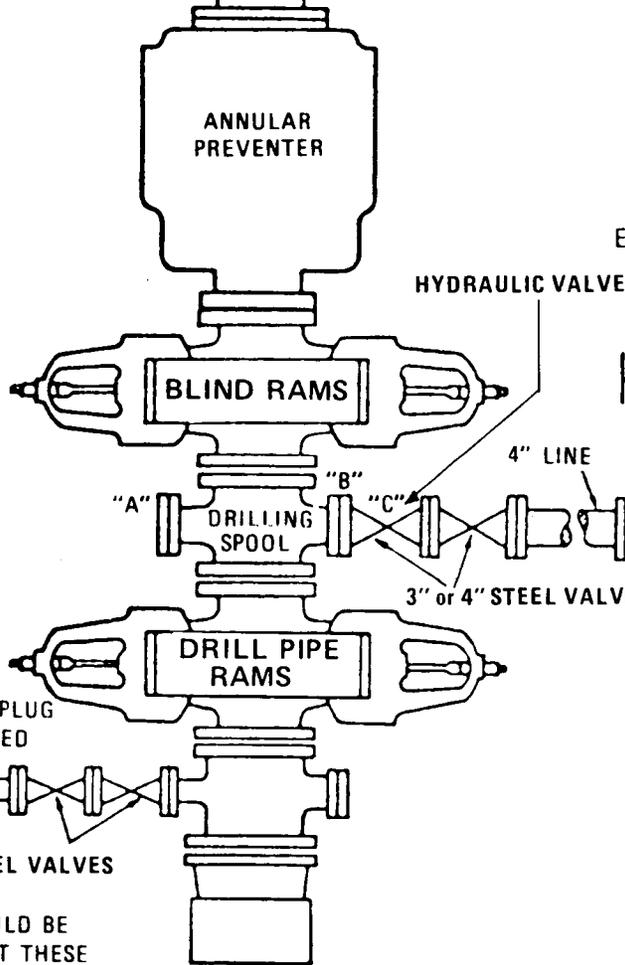


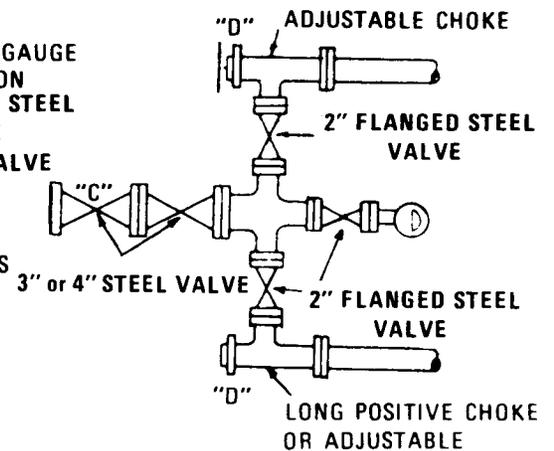
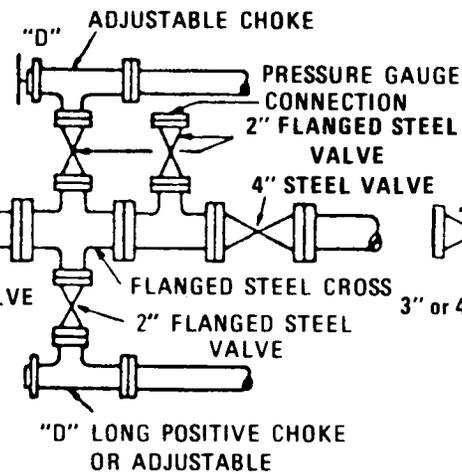
FIGURE 4
THREE PREVENTER HOOKUP
CLASS III

(PRESSURE RATING 3-5000 PSI AS REQUIRED)



EMERGENCY FLOW HOOKUP

* ALTERNATE CHOKE MANIFOLD



WHILE DRILLING, BOTH PLUG VALVES ARE KEPT CLOSED

UNCOUPLED HALF UNION
"E"
2" STEEL VALVES

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

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

RED WASH UNIT
COMPLETION PROCEDURE ON
DEVELOPMENT DRILLING WELLS

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

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Chevron, U.S.A., Inc.
Project Type Oil Well Drilling
Project Location 781' FNL 1904' FWL Section 23, T. 7S, R. 22E
Well No. 257 (21-23A) Lease No. U-0559
Date Project Submitted December 8, 1980

FIELD INSPECTION

Date January 20, 1981

Field Inspection
Participants

Greg Darlington	USGS, Vernal
Cory Bodman	BLM, Vernal
Rene Morin	Chevron
Tony Guitierrez	Chevron
Glade Anderson	Chevron
Earl Cady	Ross Construction

Related Environmental Documents: Unit Resource Analysis, Bonanza Planning
Unit, BLM, Vernal EA 1268

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

January 22, 1981
Date Prepared

Gregory Darlington
Environmental Scientist

I concur
1/26/81
Date

Earl Cady
District Supervisor

PROPOSED ACTION:

Chevron proposes to drill the 257 well, a 6700 foot oil and gas test of the Green River Formation. Oil is the primary objective. A new access road of about 400 feet length and about a 20 foot driving surface would be required. One culvert 18" in diameter by 30 feet length would be widened to accommodate rig movement. A pad 205 feet by 310 feet and a reserve pit 120 feet by 165 feet would be required. 25 feet by 165 feet of the pit would overlap onto the pad. About 2750 square feet of the northeast corner of the reserve pits would be contoured off to avoid a drainage. About 1000 square feet of corner 2 would be contoured off to avoid undercutting the existing road through eventual erosion. A total of about 2.0 acres of new surface disturbance will be associated with this project.

RECOMMENDED APPROVAL CONDITIONS:

Drilling should be allowed provided the operator agrees to incorporate the following into the APD and operating plans and adhere to them:

1. BLM Stipulations
2. Lease Stipulations

FIELD NOTES SHEET

Date of Field Inspection: January 20, 1981

Well No.: 257 (21-23A)

Lease No.: V-0559

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: Modified pit, roundoff corner 2 to avoid undercutting existing road. Within one bead in existing road. Pit modified to avoid a drainage install one 18" - 30 ft. long culvert near West side of pad.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Resubmitted - first visit Aug 3, 1978 with

George Diwachak. A rig will be available about February 1, for this location so please wish.

A decision on whether to ^{also} drill the 256 well should be made sometime this week, but Chevron definitely wants the 257 well next in its program as soon as possible.

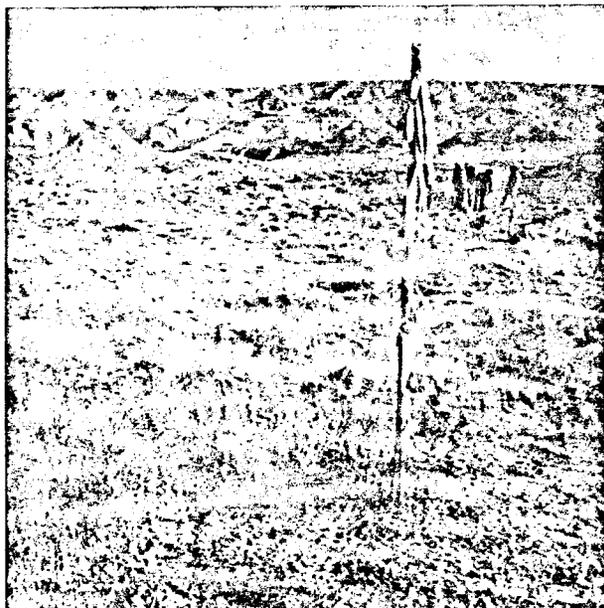
CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

*First onsite
8-3-1978*

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety							1, 2, 6	1-20-81	
2. Unique charac- teristics							1, 2, 6	1-20	
3. Environmentally controversial							1, 2, 6	1-20	
4. Uncertain and unknown risks							1, 2, 6	1-20	
5. Establishes precedents							1, 2, 6	1-20	
6. Cumulatively significant							1, 2, 6	1-20	
7. National Register historic places							1, 6	1-20	
8. Endangered/ threatened species							1, 6	1-20	
9. Violate Federal, State, local, tribal law							1, 2, 6	1-20	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *USGS conditions of approval.*



*Northeast View
Chevron 257*



United States Department of the Interior

IN REPLY REFER TO

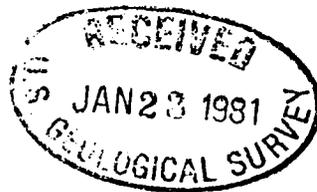
T & R
U-802

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

January 21, 1981

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Chevron U.S.A. Inc.,
Well #256 (12-19C)
T7S R24E U-02149
Well #257 (21-23A)
T7S R22E Sec 23
U-0559 Uintah County, Utah



Dear Sir:

A joint field examination was made by our office on January 20, 1981 on the above referenced well site locations and proposed access roads. We feel that the surface use and operating plans are adequate with the following stipulations.

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. Traveling off access road right-of-ways will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area, except where backslope and fills require additional area. Turn-outs will not be required. The road will be crowned and bar ditches will be installed where needed.
3. The BLM must be contacted at least 24 hours prior to any construction activities.
4. The BLM must be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.
5. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be



contained and hauled to an approved disposal site.

6. A wire mesh or web type of fence will be used around the reserve pits.
7. It was agreed to by all parties present that the applied-for pad dimensions are adequate to handle all drilling and fracturing operations.

Site Specific
Well # 256

1. The top 6 to 8 inches of top soil material will be collected and stored near reference corner #8.

Well # 257

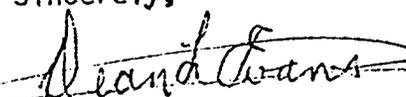
1. The top 6 to 8 inches of top soil will be collected and stored between referenced corners #9 and #10.
2. The reserve pit demensions were changed. The width from reference points #5 to "A" was reduced from 100 feet to 60 feet. From reference point "A" the pit will gradually be widened to its original 100 feet. The length of the pit was increased at reference points #4 and "B" by 20 feet.
3. A culvert will be used to facilitate crossing a drainage along the proposed access route.

The proposed activities as far as we can determine, do not jeopardize listed threatened or endangered flora/fauna and their habitats.

An archaeological clearance has been conducted by Garth Norman of Archaeological Environmental Research Corporation of Salt Lake City, Utah of the proposed drill sites and proposed access roads. No cultural material was located on the surveyed areas.

The BLM Vernal District field representative will be Cory Bodman, 789-1362.

Sincerely,



Dean L. Evans
Area Manager
Bookcliffs Resource Area

cc: USGS, Vernal

DUPLICATE
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THIS MANNER*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK		5. LEASE DESIGNATION AND SERIAL NO. U-0559
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. UNIT AGREEMENT NAME Red Wash
2. NAME OF OPERATOR Chevron U.S.A. Inc.		8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201		9. WELL NO. 257 (21-23A)
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 781' FNL & 1904' FWL (NE¹/₄, NW¹/₄) At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT Red Wash - Wasatch
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* + 15 miles south and east of Jensen, Utah		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec 23, T7S, R22E
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 781'	16. NO. OF ACRES IN LEASE Within Unit	12. COUNTY OR PARISH Uintah
17. NO. OF ACRES ASSIGNED TO THIS WELL 40	13. STATE Utah	18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. + 1600'
19. PROPOSED DEPTH 6700'	20. ROTARY OR CABLE TOOLS Rotary	21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5290
22. APPROX. DATE WORK WILL START* December 30, 1980		23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300	To surface
7-7/8"	5-1/2"	15.5#	TD	+ 600 sxs

Resubmitting proposal to drill this Development Well to a depth of 6700' to test the Wasatch Formation.

ORIGINALLY APPROVED BY YOUR OFFICE ON OCTOBER 26, 1978.

- | | |
|--|------------|
| Attachments: | |
| Drilling Procedure | 3-USGS |
| Certified Plat | 2-State |
| Chevron Class III BOP Requirements | 3-Partners |
| Multi-Point Surface Use Plan w/attachments | 1-JCB |
| Proposed Completion Procedure | 1-ALF |
| Equipment Location Plat | 1-DBB |
| | 1-Sec 723 |
| | 1-File |

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

24. SIGNED *J. J. Larson* TITLE Engineering Assistant DATE December 2, 1980
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY *W. P. Martin* FOR E. W. GUYNN DISTRICT ENGINEER DATE FEB 03 1981
CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY
*See Instructions On Reverse Side

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

NOTICE OF APPROVAL

ST.OG

P

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Chevron USA Inc.

WELL NAME: RWU #257

SECTION NE NW 23 TOWNSHIP 7S RANGE 22E COUNTY Uintah

DRILLING CONTRACTOR TWT

RIG # 6

SPUDDED: DATE 2-9-81

TIME 10:00 a.m.

How rotary

DRILLING WILL COMMENCE _____

REPORTED BY Bob Scott

TELEPHONE # 303-759-7526

DATE 2-10-81 SIGNED KO

NOTICE OF SPUD

Caller: Jean Anderson, Chevron
Phone: #759-7530

Well Number: 2-57 (21-23A)

Location: NE₁, NW₁, Sec. 23 T. 7S R. 22E

County: Uintah State: UT

Lease Number: U-0559

Lease Expiration Date: _____

Unit Name (If Applicable): Red Wash 257

Date & Time Spudded: 2-9-81 10:00 AM

Dry Hole Spudder/Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) Cmt 8 5/8" @ 307'
mud weight,

Rotary Rig Name & Number: P.W.T #6

Approximate Date Rotary Moves In: 2-8-81

FOLLOW WITH SUNDRY NOTICE

Call Received By: Cindy

Date: 2-10-81 1:10 PM

DIVISION OF OIL, GAS & MINING
REGISTRATION
1981 FEB 10 1:10 PM
SUNDRY NOTICE

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

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 781' FNL and 1904' FWL NENE
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-047-30457 | DATE ISSUED 7-18-78

**RECEIVED
SEP 18 1981
DIVISION OF
OIL GAS & MINING**

5. LEASE DESIGNATION AND SERIAL NO.

4-0559

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

257 (21-23A)

10. FIELD AND POOL, OR WILDCAT

Red Wash - Wasatch

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

Sec. 23, T7S, R22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

15. DATE SPUNDED 2-9-81 | 16. DATE T.D. REACHED 3-5-81 | 17. DATE COMPL. (Ready to prod.) 8-25-81 | 18. ELEVATIONS (DF, REB, RT, OR, ETC.)* KB 5306 | 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6704 | 21. PLUG, BACK T.D., MD & TVD 6195 | 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)*
5409-6169 Green River

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
~~FDC-CNL-GR-DIL~~-CBL

27. WAS WELL CORED
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	326	12-1/4"	350 SXS	
5-1/2"	15.5	6704	7-7/8"	1797 SXS	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	5372	

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

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attachment	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
8-25-81	Pumping - BJ W-18 (600 BFPD) Sub pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-6-81	24	N/A	→	17	4	164	235

FLOW. TURNING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
24	24	→	17	4	164	27.0

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

TEST WITNESSED BY
Ned Gardner

35. LIST OF ATTACHMENTS
Perforation, acid, cementing and frac details.

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

SIGNED J.J. Linn TITLE Engineering Assistant DATE September 16, 1981

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, should be obtained from the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding surface reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all current and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

Report and log on all types of lands and leases to either a Federal agency or a State agency, by special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, should be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding surface reports for separate completions.

able logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP		BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
	DEPTH	TRUB VERT. DEPTH				MEAS. DEPTH	TRUB VERT. DEPTH
Green River	5016		5233	Water	Uinta	Surf	Surf
Green River	5233		5524	Water, Oil, Gas	Green River	3010	3010
Green River	5524		5696	Water, Oil	Wasatch	6200	6200
Green River	5696		5980	Water, Oil			
Green River	5980		6200	Water, Oil			
Wasatch	6200			Water			

38.

GEOLOGIC MARKERS

RWU 257 (21-23A)
Perforation Detail

6284-6303	4 shots/ft
6311-6316	4 shots/ft
6369-6380	4 shots/ft
6223-6232	4 shots/ft
6158-6169	4 shots/ft
6060-6074	4 shots/ft
6034-6054	4 shots/ft
5721-5735	4 shots/ft
5578-5598	4 shots/ft
5554-5570	4 shots/ft
5541-5549	4 shots/ft
6158-6169	4 shots/ft
6034-6054	4 shots/ft
5541-5549	4 shots/ft
5409-5420	4 shots/ft
5352-5356	4 shots/ft
5409-5420	4 shots/ft

RWU 257 (21-23A)
Acid Detail

6284-6380	3500 gals 15% MSR 100
6158-6169	1100 gals 15% MSR 100
6034-6074	4000 gals 15% HCL
5721-5735	1400 gals 15% HCL
5541-5598	4500 gals 15% HCL
6034-6054	1000 gals 15% HCL
5541-5549	400 gals 15% HCL
5409-5420	550 gals 15% HCL
5352-5356	200 gals 15% HCL

RWU 257 (21-23A)
Cementing Detail

6284-6380	100 sxs c1 G
6034-6074	150 sxs c1 G
5541-5549)	
5554-5570)	150 sxs c1 G
5578-5598)	
6034-6054	150 sxs c1 G
5541-5549	250 sxs c1 G
5352-5356	150 sxs c1 G & H

RWU 257 (21-23A)
Frac Detail

6223-32 40,000 gal 2% KCL wtr + additives, 2000# 100 Mesh Sand,
27,000# 20/40 sand and 51,000# 10/20 sand.

6158-6169 15,000 gal Supr E Frac (40% wtr, 2% KCL & 60% Rangely
Crude) 4000# 100 Mesh, 11,000# 20/40 & 15,000# 10/20
sand.

5409-5420 15,000 gal Supr E Frac (40% wtr, 2% KCL & 60% Rangely
Crude) 4000# 100 Mesh, 11,000# 10/20 & 15,000# 10/20 sand.

FILE IN TRIPLICATE
FORM OGC-8-X

P
59-64-03
DIVISION OF
OIL, GAS & MINING

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Red Wash Unit 257 (21-23A)

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

Contractor T.W.T. Exploration, Inc. Address Box 1329 Prospectors Square
Park City, Utah 84060

Location NE $\frac{1}{4}$ ^{NW} ~~NE~~ $\frac{1}{4}$ Sec. 23 T. 7S R. 22E County Uintah

Water Sands

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

(Continue of reverse side if necessary)

Formation Tops

Remarks

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



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

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

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

January 18, 1982

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

Re: Well No. Red Wash Unit 257 (21-23A)
Sec. 23, T. 7S, R. 22E
Uintah County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office September 16, 1981, from above referred to well, indicates the following electric logs were run: FDC-CNL-GR-DIL-CBL. As of today's date, this office has not received these logs: CBL.

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

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Cari Furse
Clerk Typist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

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

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 781' FNL & 1904' FWL NENE
AT TOP PROD. INTERVAL: NENE
AT TOTAL DEPTH: NENE

5. LEASE
U-0559

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
257 (21-23A)

10. FIELD OR WILDCAT NAME
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23, T7S, R22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-30457

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 5306

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

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- CHANGE ZONES
- ABANDON*

SUBSEQUENT REPORT OF:



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

(other) Change from Subpump to surface pumping unit.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was completed on August 25, 1981 with a BJ W-18 sub pump installed in well. The sub pump motor burned out because there was not enough flow to cool it. The sub pump was removed from the well and a 1-3/4" x 144 x 14 1/2 rod pump was placed on the well. This work was done on October 23, 1981.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE Engineering Asst DATE March 26, 1982

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

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

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 purposes.)

RECEIVED
JAN 07 1985
DIVISION OF OIL, GAS & MINING

1. OIL WELL GAS WELL OTHER

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with BLM Form 3160-5, Supplement 1. See also space 17 below.)
At surface
781' FNL and 1904' FWL NENW

5. LEASE DESIGNATION AND SERIAL NO.
U-0559

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
257 (21-23A)

10. FIELD AND POOL, OR WILDCAT
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21, T7S, R22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. PERMIT NO. API
43-047-30457

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 5306'

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 checked="" type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to perforate the I_e, K, and K_a sands and then fracture stimulate.

No additional surface disturbances required for this activity.

- 3 - BLM
- 3 - State
- 3 - Partners
- 1 - Sec. 724C
- 1 - LJT
- 1 - Field
- 1 - File

18. I hereby certify that the foregoing is true and correct
SIGNED Arlene F. Bush TITLE Engineering Assistant DATE January 2, 1985

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY :
Federal approval of this action is required before commencing operations.

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

*See Instructions on Reverse Side
DATE 1/8/85
BY: Arlene F. Bush

RWU No. 257 (21-23A)
Red Wash Unit
January 2, 1985

Location: NE $\frac{1}{4}$, NW $\frac{1}{4}$ Sec. 23, T7S, R22E Lease No. - U-0559
781' FNL & 1904' FWL Uintah County, Utah
GL - 5290' KB - 5306' TD - 6700' PBD - 6195'

Casing Detail (3-8-81)

Dowell 5-1/2" Regular Shoe	1.00'
2 jts. 5-1/2", 15.5#, K-55 ST&C	82.84'
Dowell Orifice Fill Collar	1.00'
162 jts. 5-1/2", 15.5#, K-55 ST&C	<u>6622.32'</u>
Total Csg Run	<u>6707.16'</u>
Csg Above KB	<u>3.00'</u>
Csg Landed @	<u>6704.16'</u>

Initial Production: 17 BOPD, 164 BWPD, 4 MCFGPD

Current Production: 7 BOPD, 9 BWPD (9-3-84)

Open Perfs: 6158-69, 5721-35, and 5409-20, 4 jspf

Excluded Perfs: 6369-80, 6371-16, 6284-6303, 6223-32, 6060-74, 6034-54,
5578-98, 5554-70, 5541-49, and 5352-56 (all perfs were
cmt squeezed - 4 jspf).

RWU 257 (21-23A)
Red Wash Unit/West Area
Frac Stimulation Procedure

1. MIR & RU.
2. Hot oil as necessary. POOH w/ rods and pump.
3. ND wellhead. NU BOPE and test.
4. Release BAC. POOH w/ tbg.
5. Make bit run to PBDT (6195') w/ 2-7/8" N-80 W.S.
6. Make bit and scraper run to PBDT.
7. RU and pressure test lubricator. Perforate the following intervals w/ 2 spf. (Depths picked from Schlumberger CNL-FDC log dated 3/6/81 Run #1). *CASING G.O.S.*

5748-52	4 ft.	8 shots
5699-5704	5 ft.	10 shots
5426-29	3 ft.	6 shots
8. Hydrotest in hole w/ RBP and PKR on workstring. Test to 5000 psi.
9. Isolate perfs 6158-69 and fracture stimulate per attached stimulation detail. Establish injection prior to stimulation and observe annulus for communication across blank 6074-6158'.
10. SWI and allow pressure to dissipate.
11. Retrieve RBP. Isolate perfs 5699-5752'.
12. Fracture stimulate perfs 5699-5752' per attached stimulation detail. Establish injection prior to stimulation and observe annulus for communication across blank 5598-5699'.
13. SWI and allow pressure to dissipate.
14. Retrieve RBP and isolate perfs 5409-29'.
15. Fracture stimulate perfs 5409-29 per attached stimulation detail. Establish injection prior to stimulation and observe annulus for communication across blank 5356-5409'.
16. SWI and allow pressure to dissipate.
17. Retrieve RBP and POOH.

RWU 257 (21-23A)
Red Wash Unit/West Area
Frac Stimulation Procedure (Continued)

18. RIH w/ notched collar and CO to PBTB.
19. POOH. LD workstring.
20. RIH w/ production tbg. w/ BAC, PSN, and Gas Anchor. Land as specified by Denver Engineering.
21. ND BOPE. NU wellhead.
22. RIH w/ rods and pump and test. RDMOL.
23. Turn well over to Production.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TR. "CATE"
(Other instructions on re-
verse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

U-0559

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

Red Wash Unit

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

MAY 20 1985

8. FARM OR LEASE NAME

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

9. WELL NO.
257 (21-23A)

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

DIVISION OF OIL
GAS & MINING

10. FIELD AND POOL, OR WILDCAT
Red Wash

781' FNL & 1904' FWL NE NW

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

Sec. 23, T7S, R22E

14. PERMIT NO.
43-047-30457

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB-5306

12. COUNTY OR PARISH 18. STATE
Uintah Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

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

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

1. MIR & RU. Pulled rods and pump.
2. N/U BOPE - tested. Pulled tbg.
3. Made clean out trip to 6194'.
4. Perforated intervals 5748-52', 5699-5704', 5426-29', @ 2 spf.
5. Isolated and fracture stimulated existing perms 6158-69 w/15,000 gals gelled fluid carrying 27,000# of 20/40 sand.
6. Isolated & fracture stimulated perms 5699-5752 w/21,000 gals gelled fluid carrying 41,000# 20/40 sand. Flowed water.
7. Cement squeezed perms 5699-5752 w/400 sks Class 'G' cement.
8. Drilled out and reperforated 5699-5704' at 2 spf.
9. Swabbed interval 5699-5704'. Recovered water.
10. Cement squeezed perms 5699-5704 w/150 sks Class 'G' cement.
11. Drilled out cement and cleaned out to 6195'.
12. Isolated and fracture stimulated perms 5409-29 w/15,000 gal gelled fluid carrying 27,000# 20/40 sand.
13. Ran production tbg to 5282'. Ran rods and pump.
14. Released rig. TWOTP.

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

SIGNED *L.R. Ambrose* TITLE Permit Coordinator DATE May 13, 1985

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

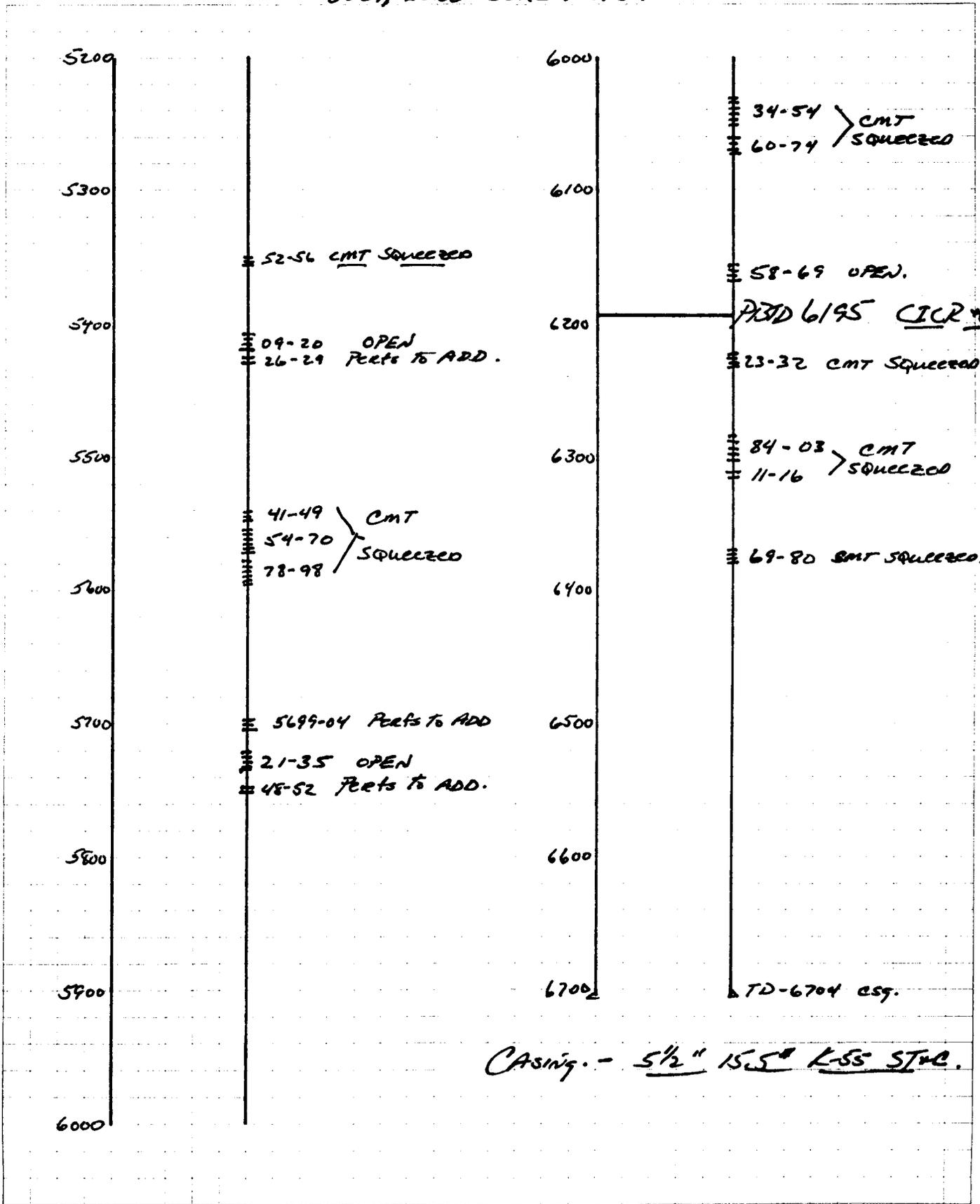


CALCULATION SHEET
Chevron U.S.A. Inc.

Date	
Prepared by	Page No. of
Department	Project Number

Title RWL 257 (21-23A)

Wellbore schematic.



Casing. - 5 1/2" 15.5# L-55 STWC.

SPILL

Reported by: Daisy Joslin
Chevron, USA
Vernal, Utah
789-2442

Red Wash Unit 21-23A
T7S, R22E, Sec. 23 NE NW
Uintah County

Spill occurred on 10-15-85 at approximately noon.

Fluid spilled: 25 barrels crude oil
20 barrels produced water

Recovered oil and water soaked into ground.

Reason: Low fluid level, well pumped off, burned
packing out on stuffing blocks.

They will repack stuffing blocks. They loaded oil
and dirt into dump truck and hauled to Central
Battery to a pit there and will be cleaned and
reproduced.

75. 22E. 23
Dintah Co.

REPORT OF UNDESIRABLE EVENT
NTL-3A (EFFECTIVE MARCH 1, 1979)

RECEIVED
OCT 22 1985

To: District Manager, B.L.M., Fluid Minerals
From: Chevron U.S.A. Inc., P. O. Box 599, Denver, Colorado 80201

DIVISION OF OIL
GAS & MINING

1. Spill X Discharge _____ Blowout _____ Accident _____ Fire or Explosion _____
Produced
2. BBLs Discharged: 25 Crude 20 Water _____ BBLs Lost: 20 Produced Water _____
3. Contained on location: Yes X No _____
4. Date and time of event: 10-15-85 12:00 noon
5. Date and time reported to B.L.M.: 10-16-85 / 9:50 AM
6. Location of event: RWU 21-23A
7. Specific nature and cause of event
Low fluid level caused well to pump off, burned packing out on the stuffing box.
8. Describe resultant damage:
None.
9. Time required for control of event: None upon discovery
10. Action taken to control and contain:
Shut in well, Scooped up and loaded into dump truck, hauled to Central Battery where it will be reprocessed.
11. Action taken to prevent recurrence:
Repack stuffing box. Slow down or change unit.
12. Cause of death:
- *13. Other agencies notified:
Utah State Dept. of Health, Bureau of Water Pollution Control
Steve McNeal/10:00 AM/ 10-16-85
State of Utah Dept. of Natural Resources / Julie Lewis /10:05AM/10-16-85
EPA Region VIII / Bennett Young / 10:15AM / 10-16-85
14. Other pertinent information:

Signature W.H. Slaughter Date 10-16-85

Title Assistant Production Foreman, Chevron U.S.A. Inc. Red Was
TIN 94-1497173

* A COPY OF THIS FORM WAS MAILED TO EACH AGENCY LISTED IN PARAGRAPH 13 ABOVE.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

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

3

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME Red Wash	
2. NAME OF OPERATOR Chevron U.S.A. Inc., Room 11111		8. FARM OR LEASE NAME Red Wash Unit	
3. ADDRESS OF OPERATOR P.O. Box 599, Denver, CO 80201		9. WELL NO. RWU #257 (21-23A)	
4. LOCATION OF WELL (Report location clearly and in accordance with DIVISION OF OIL, GAS & MINING "Instructions." See also space 17 below.) At surface 781' FNL 1904' FWL		10. FIELD AND POOL, OR WILDCAT Red Wash - Green River	
14. PERMIT NO. 43-047-30457		12. COUNTY OR PARISH Uintah	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 5306 GL 5290		13. STATE UT	

RECEIVED
OCT 17 1988

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 PLANE <input type="checkbox"/>	(Other) <u>Temp. Abandon</u>	<input checked="" type="checkbox"/>

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

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

- MIRU GUDAC #1. POOH w/pump & rods. N/D wellhead. N/U & test BOPE.
- POOH w/production string.
- RIH w/4-3/4" Mill. Clean out fill @ 6037 to 6200. Drill up CICR @ 6200' & 6270. Drill out cmt to 6352'. RIH w/5 1/2" csc scraper to 6352'.
- Perforate 6223-6232 & 6284-6303 w/4 SPF, 90° phasing.
- Isolate perms 6284-6303'. B/D w/formation wtr @ 700 psi. Est. inj. rate @ 3 BPM, 2000 psi. Swab test perms 6204'-6303'.
- Isolate perms 6223'-6232'. B/D w/formation wtr @ 3500 psi. Est. inj. rate @ 3/4 BPM, 3500 psi. Swab test perms 6223'-6232'.
- Isolate perms 6158'-6169'. Swab test same. POOH w/tools.
- RIH w/CICR. Set same on Tbg @ 6198'. Cmt squeeze perms 6223-6232 & 6284'-6303' to 2300 ps. w/100 sx neat 'H' cmt. Reversed out +50 sx cmt.
- Isolate perms 5409'-5420' & 5426-5429'. B/D w/formation wtr @ 700 psi. Est. inj. rate @ 1 1/2 BPM, 1500 psi. Swab test perms. POOH w/tools.
- RIH w/CICR, Set same @ 5296'. Cmt squeeze perms 5409-20', 5426-29' & 6158-69' to 1800 psi w/200 sx neat 'H' cmt. Reverse out +50 sx cmt to surface.
- POOH w/stinger. RIH w/3500' 2-7/8" tbg.
- RDMOL. Well temporary abandoned pending evaluation of SWAB data.

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

I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE Technical Assistant DATE 10-10-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RWU No 257 (21-23A)
RED WASH UNIT/WEST AREA

FRACTURE STIMULATION DETAIL

Fluid System: Nowsco BetaGel-40 (or equivalent) w/filtered 2% KCl water containing:

<u>Additive</u>	<u>Concentration</u>
NWP-12 (HPG gel)	40 lbs/M
NCA-329 (crosslinker)	2 gal/M
NPH-303 (buffer)	1 lb/M
NPH-301L (buffer)	.2 gal/M
NBW-101 (breaker)	1 lb/M
NBW-104 (breaker)	1 gal/M
NBA-574 (bactericide)	.2 gal/M
NFL-78 (fluid loss)	30 lbs/M
NNE-257N (nonemulsifier)	1 gal/M

Frac Stimulation #1: Perfs 6158'-69'

1. Rig up service company to fracture stimulate down 2-7/8" tubing.
2. Conduct safety meeting with all personnel on location.
3. Test all surface lines to 6000 psi.
4. Fracture stimulate perfs 6158'-69' w/15,000 gal BetaGel-40 (or equivalent) carrying 27,000 lbs of 20/40 sand as follows:

<u>Events</u>	<u>Volume</u> (gal)	<u>Fluid</u>	<u>Sand Concentration</u> (ppg)	<u>Sand Type</u>	<u>Sand Weight</u> (lbs)
Prepad	1,000	2% KCl	--	--	--
SIS	475	1 drum T-55 mixed w/10 bbls 2% KCl	--	--	--
Prepad	1,000	2% KCl	--	--	--
Pad	5,000	BetaGel-40 w/30 ppt NFL-78	--	--	--
SLF	2,000	BetaGel-40	1	20/40	2,000
SLF	2,000	BetaGel-40	2	20/40	4,000
SLF	3,000	BetaGel-40	3	20/40	9,000
SLF	3,000	BetaGel-40	4	20/40	12,000
Flush *	± 1,500	2% KCl	--	--	--

* Flush to top perforation

Total fluid pumped:	18,975 gal (452 bbls)	Cost Estimate: \$ 11,856
Total sand pumped:	27,000 lbs 20/40 sand	Discounted cost: \$10,078
Maximum Pressure:	5000 psi	Estimated Pressure: 3500 psi
Maximum rate:	20 BPM	Estimated rate: 12 BPM
Maximum HHP:	2463 HHP	Estimated HHP: 1035 HHP

FRAC STIMULATION #2: Perfs 5699' - 5752'

1. Rig up service company to fracture stimulate down 2-7/8" tubing.
2. Conduct safety meeting with all personnel on location.
3. Test all surface lines to 6000 psi.
4. Fracture stimulate perfs 5699'-5752' w/21,000 gal BetaGel-40 (or equivalent) carrying 41,000 lbs of 20/40 sand as follows:

<u>Event</u>	<u>Volume</u> (gal)	<u>Fluid</u>	<u>Sand Concentration</u> (ppg)	<u>Sand Type</u>	<u>Sand Weight</u> (lbs)
Prepad	1,000	2% KCl	--	--	--
SIS	475	1 drum T-55 mixed w/10 bbls	--	--	--
Prepad	1,000	2% KCl	--	--	--
Pad	7,000	BetaGel-40 w/30PPT NFL-78	--	--	--
SLF	2,000	BetaGel-40	1	20/40	2,000
SLF	3,000	BetaGel-40	2	20/40	6,000
SLF	4,000	BetaGel-40	3	20/40	12,000
SLF	4,000	BetaGel-40	4	20/40	16,000
SLF	1,000	BetaGel-40	5	20/40	5,000
Flush *	± 1,425	2% KCl	--	--	--

* Flush to top perforation

Total fluid pumped:	24,900 gal (593 bbls)	Cost Estimate:	\$16,305
Total sand pumped:	41,000 lbs 20/40 sand	Discounted cost:	\$13,860
Maximum pressure:	5,000 psi	Estimated pressure:	3800 psi
Maximum rate:	20 BPM	Estimated rate:	15 BPM
Maximum HHP:	2,463 HHP	Estimated HHP:	1,404 HHP

FRAC STIMULATION #3: Perfs 5409'-29'

1. Rig up service company to fracture stimulate down 2-7/8" tubing.
2. Conduct safety meeting with all personnel on location.
3. Test all surface lines to 6000 psi.
4. Fracture stimulate perfs 5409'-29' w/15,000 gal BetaGel-40 (or equivalent) carrying 27,000 lbs of 20/40 sand as follows:

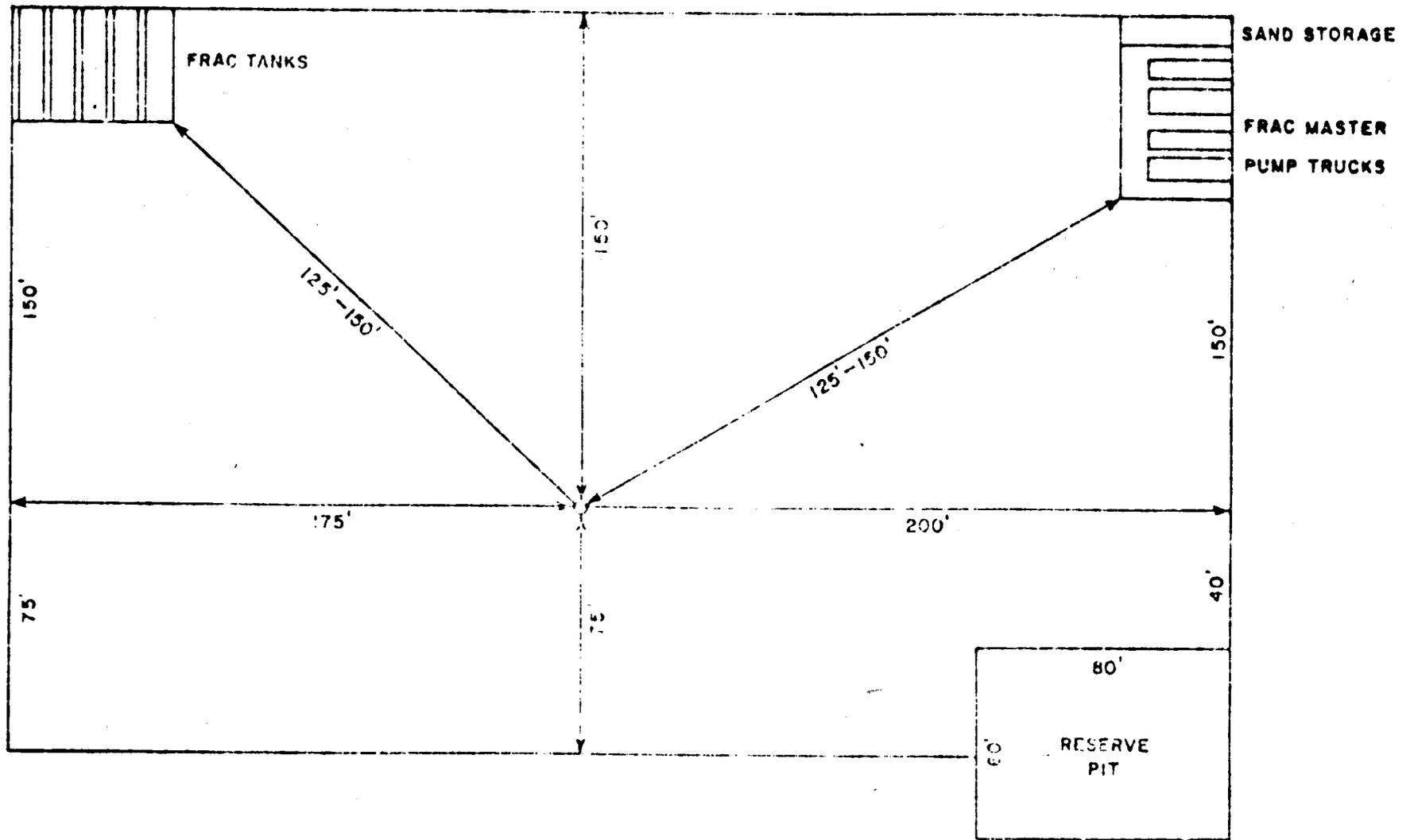
<u>Event</u>	<u>Volume</u> (gal)	<u>Fluid</u>	<u>Sand Concentration</u> (ppg)	<u>Sand Type</u>	<u>Sand Weight</u> (lbs)
Prepad	1,000	2% KCl	--	--	--
SIS	475	1 drum T-55 mixed w/10bbls	--	--	--
Prepad	1,000	2% KCl	--	--	--
Pad	5,000	BetaGel-40 w/ 30 PPT NFL-78	--	--	--
SLF	2,000	BetaGel-40	1	20/40	2,000
SLF	2,000	BetaGel-40	2	20/40	4,000
SLF	3,000	BetaGel-40	3	20/40	9,000
SLF	3,000	BetaGel-40	4	20/40	12,000
Flush * ±	1,308	2% KCl	--	--	--

* Flush to top perforation

Total fluid pumped: 18,783 gal (447 bbls)
Total sand pumped: 27,000 lbs 20/40 sand
Maximum pressure: 5,000 psi
Maximum rate: 20 BPM
Maximum HHP: 2,463 HHP

Cost Estimate: \$ 11,399
Discounted cost: \$ 9,689
Estimated pressure: 3,100 psi
Estimated rate: 12 BPM
Estimated HHP: 916 HHP

Tom B. Juleci
12/7/84



TYPICAL RED WASH LOCATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No 1004-1135
Expires September 30 1990

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other
 2. Name of Operator
 Chevron USA Inc
 3. Address and Telephone No.
 PO Box 599 Denver CO 80201
 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 781' FNL 1904' FWL
 KB 5306 GL 5290
 43-047-30457
 Sec. 23, T75, R22E

5. Lease Designation and Serial No.
 U-0559
 6. If Indian, Alliance or Tribe Name
 7. If Unit or CA, Agreement Designation
 Red Wash
 8. Well Name and No.
 Red Wash Unit
 9. API Well No.
 RWY #257 (21-23A)
 10. Field and Pool, or Exploratory Area
 Red Wash - Green River
 11. County or Parish, State
 Uintah, UT

RECEIVED
AUG 10 1990
CONSULTING
OIL, GAS & MINING

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 type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

Temporary Abandon

(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.)

- MIRU GUDAC #1. POOH w/pump & rods. N/D wellhead. N/U & test BOPE.
- POOH w/production string.
- RIH w/4-3/4" mill. Clean out fill @ 6037' to 6200'. Drill up CICR @ 6200' & 6270'. Drill out cmt to 6352'. RIH w/5 1/2" csg scraper to 6352'.
- Perforate 6223-6232' & 6284-6303' w/4 spf, 90° phasing.
- Isolate perfs 6284-6303. B/D w/formation wtr @ 700 psi. Est inj. rate @ 3 BPM, 2000 psi. Swab test perfs 6284-6303'.
- Isolate perfs 6223-6232'. B/D w/formation wtr @ 3500 psi. Est inj rate @ 3/4 BPM, 3500 psi. Swab test perfs 6223-6232'.
- Isolate perfs 6158-6169', Swab test same. POOH w/tools.
- RIH w/CICR. Set same on tbq @ 6198'. Cmt squeeze perfs 6223-6232 & 6284-6303' to 2300 psi w/100 sx neat 'H' cmt. Reversed out ± 50sx cmt.
- Isolate perfs 5409-5420' & 5426-5429'. B/D w/formation wtr @ 700 psi. Est inj rate @ 1 1/2 BPM, 1500 psi. Swab test perfs. POOH w/tools.
- RIH w/CICR. Set same @ 5296'. Cmt squeeze perfs 5409-20, 5426-29 & 6158-69 to 1800 psi w/200 sx neat 'H' cmt. Reverse out ± 50 sx cmt to surface.
- POOH w/stinger. RIH w/3500' 2-7/8" tbq.
- RDMOL. Well temporarily abandoned 10/88 pending evaluation of swab data.

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

Signed J. Johnston Title Technical Assistant Date 8/10/90

(This space for Federal or State office use)

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

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
781 FNL, 1904 FWL, SEC. 21, T7S, R22E
23

5. Lease Designation and Serial No.
U-0559

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #257 (21-23A)

9. API Well No.
43-047-30457

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

11. County or Parish, State
Uintah, Utah

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

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

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

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

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

RECEIVED

FEB 18 1993

DIVISION OF
OIL GAS & MINING

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

Signed

Title

Date

02/10/93

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any:



Chevron U.S.A. Inc.
P.O. Box 455, Vernal, UT 84078 • Phone (801) 789-2442

FEBRUARY 15, 1993

ANNUAL REPORT OF
SHUT-IN WELLS
WONSITS VALLEY STATE/FEDERAL UNIT
UINTAH COUNTY, UTAH

BUREAU OF LAND MANAGEMENT
170 SOUTH 500 EAST
VERNAL, UT 84078

GENTLEMEN:

Enclosed, please find the annual report of shut-in wells in Red Wash Unit. If you have any questions, please call the above address.

Sincerely,

J.T. CONLEY
AREA OPERATIONS SUPERVISOR

sdm
Enclosures

cc: State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RECEIVED

FEB 18 1993

DIVISION OF
OIL GAS & MINING



Chevron U.S.A. Inc.

P.O. Box 455, Vernal, UT 84078 • Phone (801) 789-2442

FEBRUARY 15, 1993

**ANNUAL REPORT OF
SHUT-IN WELLS
RED WASH UNIT
UINTAH COUNTY, UTAH**

**BUREAU OF LAND MANAGEMENT
170 SOUTH 500 EAST
VERNAL, UT 84078**

GENTLEMEN:

Enclosed, please find the annual report of shut-in wells in Red Wash Unit. If you have any questions, please call the above address.

Sincerely,

**J.T. CONLEY
AREA OPERATIONS SUPERVISOR**

sdm
Enclosures

cc: State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Buttram Energies, Inc.
6303 Waterford Boulevard, Suite 220
Oklahoma City, OK 73116

RECEIVED

FEB 18 1993

**DIVISION OF
OIL GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-0566

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

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

8. Well Name and No.
Red Wash Unit 257 (21-23A)

9. API Well No.
43-047-30457

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

11. County or Parish, State
UINTAH, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
781' FNL & 1904' FWL (NE NW) SECTION 23, T7S, R22E, SLBM

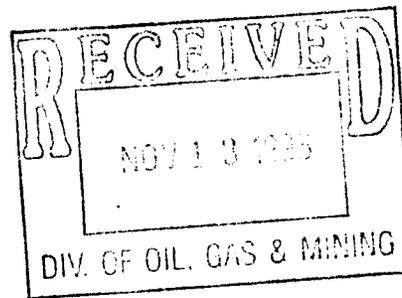
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

CHEVRON IS REQUESTING TA APPROVAL ON THE ABOVE WELL THIS WELL NEEDS TO BE EVALUATED FURTHER AS A POSSIBLE OFFSET DEVELOPMENT/WATERFLOOD REALIGNMENT POTENTIAL.



14. I hereby certify that the foregoing is true and correct.
Signed G.D. SCOTT *G.D. Scott* Title DRILLING TECHNICIAN Date November 5, 1996

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any _____

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
781' FNL & 1904' FWL (NE NW) SECTION 23, T7S, R22E, SLBM

5. Lease Designation and Serial No.
U-0566

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

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

8. Well Name and No.
RED WASH UNIT 257 21-23-A

9. API Well No.
43-047-30457

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

11. County or Parish, State
UINTAH, UTAH

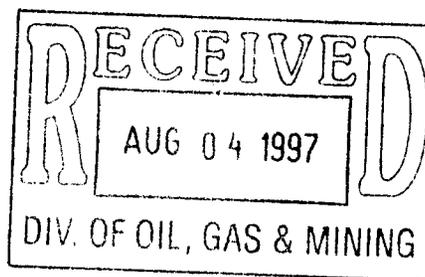
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

WE INTEND TO PLUG AND ABANDON THIS WELL PER THE ATTACHED



14. I hereby certify that the foregoing is true and correct.
Signed **D. C. TANNER** *D. C. Tanner* Title **COMPUTER SYSTEMS OPERATOR** Date **7/31/97**

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any

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

RWU #257 (21-23A)

P&A PROCEDURE:

1. MIRU. ND WH AND NU BOPE. HOT OIL AS NEEDED AND PULL TUBING STRING.
2. **ALL PERFORATIONS CEMENT SQUEEZED, CICR AT 5296'.** CLEAN OUT TO ~5296' WITH BIT AND SCRAPER. DISPLACE WELLBORE WITH 9.2 PPG BRINE.
3. **OIL SHALE INTERVAL AT 3900-4100', CEMENT TOP AT 2475'.** SET A BALANCED CEMENT PLUG ACROSS ~3800-4200' USING ~50 SX. CLASS H.
4. **GREEN RIVER FORMATION TOP AT 3010'.** SET A BALANCED CEMENT PLUG ACROSS ~2910-3110' USING ~25 SX. CLASS H.
5. **SURFACE CASING SHOE AT 309'.** PERFORATE AT 350' AND CIRCULATE ~110 SX. CLASS H CEMENT IN PLACE FOR SURFACE PLUG.
6. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
7. RDMO. TURN OVER TO OPERATIONS FOR REHAB.

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
781' FNL & 1904' FWL (NE NW) SECTION 23, T7S, R22E, SLBM

5. Lease Designation and Serial No.
U-0566

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

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

8. Well Name and No.
RED WASH UNIT 257 21-23-A

9. API Well No.
43-047-30457

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 checked="" 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 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 WAS PLUGGED AND ABANDONED ON 9/2/97 AS FOLLOWS:

- C/O TO PBTD 5296' W/BIT AND SCRAPER.
- SPOT 10 SX CL H CMT ON CICR @ 5296'
- SPOT A BALANCED CMT PLUG F/4202' TO 3800' W/51 SX CL H.
- SPOT A BALANCED CMT PLUG F/3111' TO 2910' W 25 SX CL H.
- PERFORATE 3 1/8" HSC 4 SPF 90 DEGREE PHASING @ 359' CMT DOWN 5 1/2" CSG & UP 5 1/2" x 8 5/8" SURFACE CSG TO SURFACE, W /175 SX H W/2% CACL2.
- RDMO
- CUT OFF WH HOLE STANDING FULL CMT. INSTALL DRY HOLE MARKER
- RDMO

RECEIVED

OCT 08 1997

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed D. C. TANNER *D.C. Tanner* Title COMPUTER SYSTEMS OPERATOR Date 10/7/97

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any _____

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

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 C.A. 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 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 17th Street, Suite 1000
Denver, Colorado 80202

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)

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

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
UTU081	4304715152	24 (34-14B) RED WASH	SWSE	14	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304730344	240 (12-36B) RED WAS	SWNW	36	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304730345	241 (22-14B) RED WAS	SENW	14	T 7S	R23E	PGW	CHEVRON U S A INCORPORATED
UTU081	4304730346	242 (42-13B) RED WAS	SENE	13	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU02148	4304730347	243 (42-18C) RED WAS	SENE	18	T 7S	R24E	POW	CHEVRON U S A INCORPORATED
UTU02149	4304730348	244 (23-19C) RED WAS	NESW	19	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTSL071964	4304730349	245 (14-30C) RED WAS	SWSW	30	T 7S	R24E	ABD	CHEVRON U S A INCORPORATED
UTU02148	4304730387	246 (22-18C) RED WAS	SENW	18	T 7S	R24E	POW	CHEVRON U S A INCORPORATED
UTU02148	4304730388	247 (22-17C) RED WAS	SENW	17	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU02149	4304730389	248 (43-20C) RED WAS	NESE	20	T 7S	R24E	ABD	CHEVRON U S A INCORPORATED
UTU082	4304716476	25 (23-23B) RED WASH	NESW	23	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTSL071965	4304730391	250 (41-29C) RED WAS	NENE	29	T 7S	R24E	ABD	CHEVRON U S A INCORPORATED
UTU0559	4304730457	257 (21-23A) RED WAS	NENW	23	T 7S	R22E	ABD	CHEVRON U S A INCORPORATED
UTU0559	4304730458	258 (34-22A) RED WAS	SWSE	22	T 7S	R22E	WIW	CHEVRON U S A INCORPORATED
STATE	4304732785	259	SWSW	16	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304715153	26 (23-22B) RED WASH	NESW	22	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
STATE	4304732786	260	SWSE	16	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304730517	262 (22-26B) RED WAS	SENW	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304730518	263 (24-26B) RED WAS	SESW	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304730519	264 (31-35B) RED WAS	NWNE	35	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU0566	4304730520	265 (44-26B) RED WAS	SESE	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304730521	266 (33-26B) RED WAS	NWSE	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0116	4304732981	267	SWNE	17	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304730522	269 (13-26B) RED WAS	NWSW	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715154	27 (43-14B) RED WASH	NESE	14	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304731082	270 (22-35B) RED WAS	SENW	35	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304731081	271 (42-35B) RED WAS	SENE	35	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304731054	272 (44-23B) RED WAS	SESE	23	T 7S	R23E	PGW	CHEVRON U S A INCORPORATED
UTU0566	4304731051	273 (42-27B) RED WAS	SENE	27	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0823	4304731083	274 (13-25B) RED WAS	NWSW	25	T 7S	R23E	P+A	CHEVRON U S A INCORPORATED
UTU0566	4304731077	275 (31-26B) RED WAS	NENW	26	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU0566	4304731053	276 (44-27B) RED WAS	SESE	27	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304731076	278 (11-26B) RED WAS	NWNW	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
STATE	4304731052	279 (11-36B) RED WAS	NWNW	36	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU081	4304715155	28 (43-22B) RED WASH	NESE	22	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304731079	280 (11-35B) RED WAS	NWNW	35	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0823	4304731078	281 (11-25B) RED WAS	NWNW	25	T 7S	R23E	ABD	CHEVRON U S A INCORPORATED
UTU0566	4304731080	282(42-26B) RED WAS	SENE	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0116	4304732982	283	NESE	18	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU082	4304731476	284 (33-23B) RED WAS	NWSE	23	T 7S	R23E	PGW	CHEVRON U S A INCORPORATED
UTU082	4304731477	285 (11-24B) RED WAS	NWNW	24	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0567	4304731478	286 (42-21B) RED WAS	SENE	21	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304731512	287 (44-13B) RED WAS	SESE	13	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304731513	288 (24-27B) RED WAS	SESW	27	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304731517	289 (13-24B) RED WAS	NWSW	24	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU082	4304715156	29 (32-23B) RED WASH	SWNE	23	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU082	4304731515	290 (12X-23B) RED WA	SWNW	23	T 7S	R23E	ABD	CHEVRON U S A INCORPORATED
UTU082	4304731516	291 (22X-23B) RED WA	SENW	23	T 7S	R23E	ABD	CHEVRON U S A INCORPORATED
UTU082	4304731576	292 (42-23B) RED WAS	SENE	23	T 7S	R23E	TA	CHEVRON U S A INCORPORATED

OPERATOR CHANGE WORKSHEET

ROUTING

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

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

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

01-01-2000

FROM: (Old Operator):

CHEVRON USA INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300

Account No. N0210

TO: (New Operator):

SHENANDOAH ENERGY INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078

Phone: 1-(435)-781-4300

Account N4235

CA No.

Unit: RED WASH

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
RWU 257 (21-23A)	43-047-30457	5670	23-07S-22E	FEDERAL	OW	PA
RWU 287 (44-13B)	43-047-31512	5670	13-07S-23E	FEDERAL	OW	TA
RWU 27 (43-14B)	43-047-15154	5670	14-07S-23E	FEDERAL	OW	TA
RWU 259	43-047-32785	5670	16-07S-23E	STATE	OW	P
RWU 267	43-047-32981	5670	17-07S-23E	FEDERAL	OW	P
RWU 286 (42-21B)	43-047-31478	5670	21-07S-23E	FEDERAL	OW	P
RWU 26 (23-22B)	43-047-15153	5670	22-07S-23E	FEDERAL	OW	TA
RWU 260	43-047-32786	5670	22-07S-23E	STATE	OW	P
RWU 28 (43-22B)	43-047-15155	5670	22-07S-23E	FEDERAL	OW	P
RWU 272 (44-23B)	43-047-31054	5670	23-07S-23E	FEDERAL	GW	P
RWU 284 (33-23B)	43-047-31476	5670	23-07S-23E	FEDERAL	GW	TA
RWU 285 (11-24B)	43-047-31477	5670	24-07S-23E	FEDERAL	OW	P
RWU 274 (13-25B)	43-047-31083	5670	25-07S-23E	FEDERAL	WI	PA
RWU 281 (11-25B)	43-047-31078	5670	25-07S-23E	FEDERAL	OW	PA
RWU 262 (22-26B)	43-047-30517	5670	26-07S-23E	FEDERAL	GW	S
RWU 278 (11-26B)	43-047-31076	5670	26-07S-23E	FEDERAL	GW	TA
RWU 282 (42-26B)	43-047-31080	5670	26-07S-23E	FEDERAL	GW	S
RWU 288 (24-27B)	43-047-31513	5670	27-07S-23E	FEDERAL	OW	TA
RWU 273 (42-27B)	43-047-31051	5670	27-07S-23E	FEDERAL	OW	TA
RWU 276 (44-27B)	43-047-31053	5670	27-07S-23E	FEDERAL	OW	TA
RWU 270 (22-35B)	43-047-31082	5670	35-07S-23E	FEDERAL	OW	P
RWU 280 (11-35B)	43-047-31079	5670	35-07S-23E	FEDERAL	OW	P

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12-30-1999
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08-09-2000

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 08-23-2000
4. Is the new operator registered in the State of Utah: YES Business Number: 224885
5. If **NO**, the operator was contacted on: _____
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC") Pro;** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 09/20/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 09/20/2000
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 159261960

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 3.2.01

FILING:

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

COMMENTS:

