Form DOGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

5. Lease Designation and Serial No.
Fee - UPRR

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

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

7. Unit Agreement Name

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

8. Farm or Lease Name
Conoco UPRR 33

2. Name of Operator
Conoco Inc.

9. Well No.
1

3. Address of Operator
907 Rancho Road, Casper, WY 82601

10. Field and Pool, or Wildcat
Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface
~~1,320'~~ FSL, ~~1,980'~~ FEL (~~NW~~/SE) SURFACE
At proposed prod. zone 990 990 SE SE

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 33, T2N, R6E

14. Distance in miles and direction from nearest town or post office*
Approximately 16.2 miles southeast of Coalville, Utah

12. County or Parrish
Summit

13. State
Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)
1,320'

16. No. of acres in lease
800

17. No. of acres assigned to this well
N/A

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

19. Proposed depth
14,500'

20. Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
7,429' Ungraded Ground

22. Approx. date work will start*
June 1, 1983

RECEIVED
MAY 16 1983
DIVISION OF OIL, GAS & MINING

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
26"	20"	94#	60'	150 sacks Class "G"
17½"	13 3/8"	61#	3,000'	1,765 sacks Class "A" & "H"
12¼"	9 5/8"	43.5#	5,000'	365 sacks Class "H"
		47#	5,000'-9,000'	
		53.5#	9,000'-10,100'	
* 8½"	7"	35#	9,600'-13,700'	275 sacks Class "H"
		32#	13,700'-14,500'	

It is proposed to drill Conoco UPRR 33 No. 1 as a Nugget formation oil producer. The 7" casing liner will be run only if the well appears to be productive after running tests and logging.

Because of the known difficulties in drilling vertical wells in the Overthrust Belt, we have positioned the well so as to minimize the cost of directional control equipment required to keep the well from drifting to close to our lease line. For this reason, we have made application for approval to drill this well at an exception location. (A copy of the subject application is attached.)

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 T. C. Thompson Title Administrative Supervisor Date 5-13-83

(This space for Federal or State office use)

Permit No. Approval Date

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 6-1-83
BY:

Approved by Title Date
Conditions of approval, if any:
UOGCC(3) MMS-Salt Lake City(2) File 3146

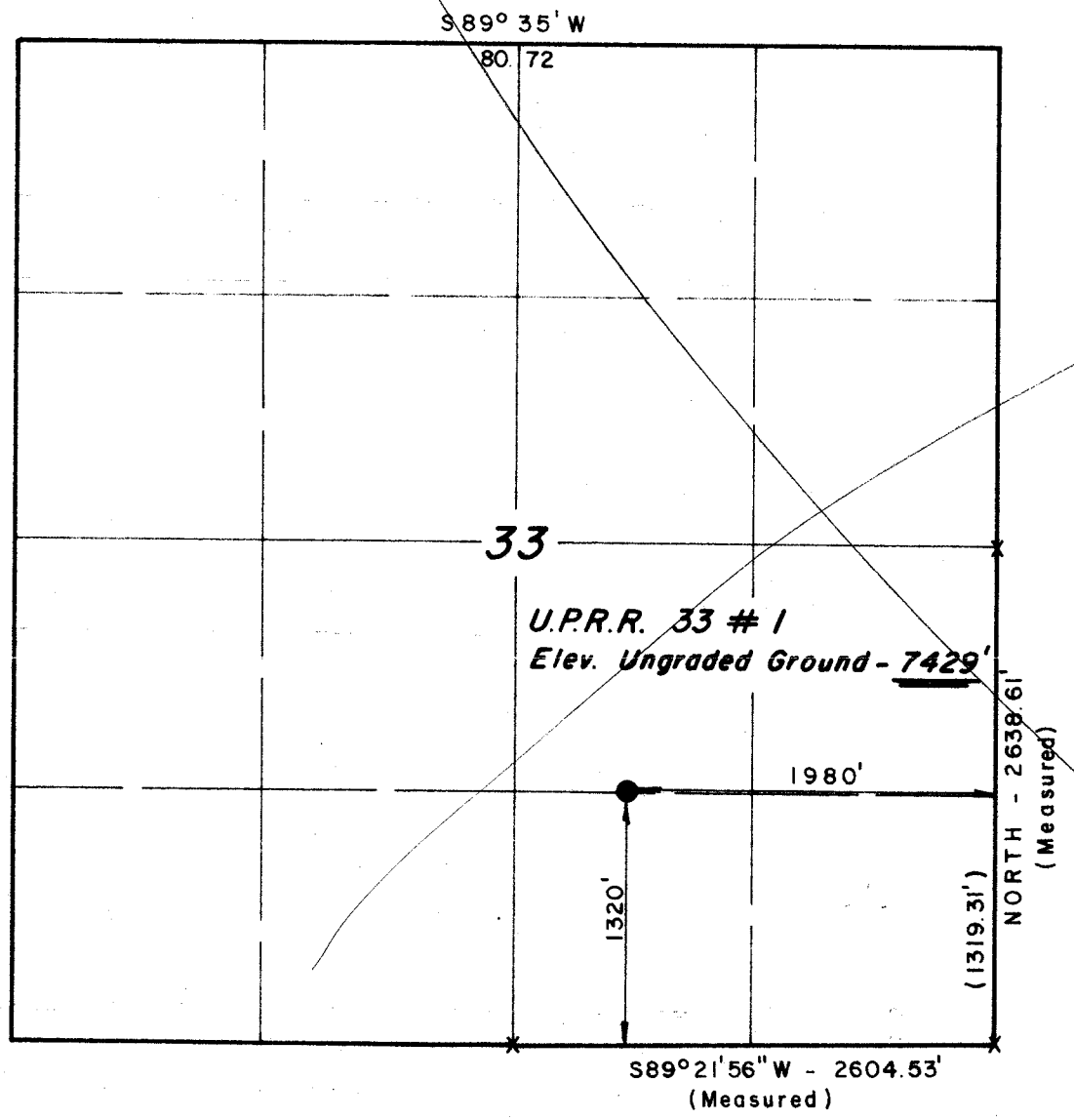
*See Instructions On Reverse Side

PROJECT

CONOCO INC.

Well location, *U.P.R.R. 33 # 1*, located as shown in the NW 1/4 SE 1/4 Section 33, T2N, R6E, S.L.B.&M. Summit County, Utah.

T 2N , R6E , S.L.B.&M.



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.

Laurence C. Kay

REGISTERED LAND SURVEYOR
REGISTRATION Nº 3137
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 5/5/83
PARTY DA DK BK RP	REFERENCES GLO Plat
WEATHER Fair	FILE CONOCO INC.

All appropriate logs will be run. No cores are planned. DSTs may be run in the Twin Creek, Nugget, and Triassic formations. The BOP will be tested daily.

All sewage disposal facilities will be approved by Steve Jenkins, Director of Environmental Health - Summit County, Utah (801-336-2503).

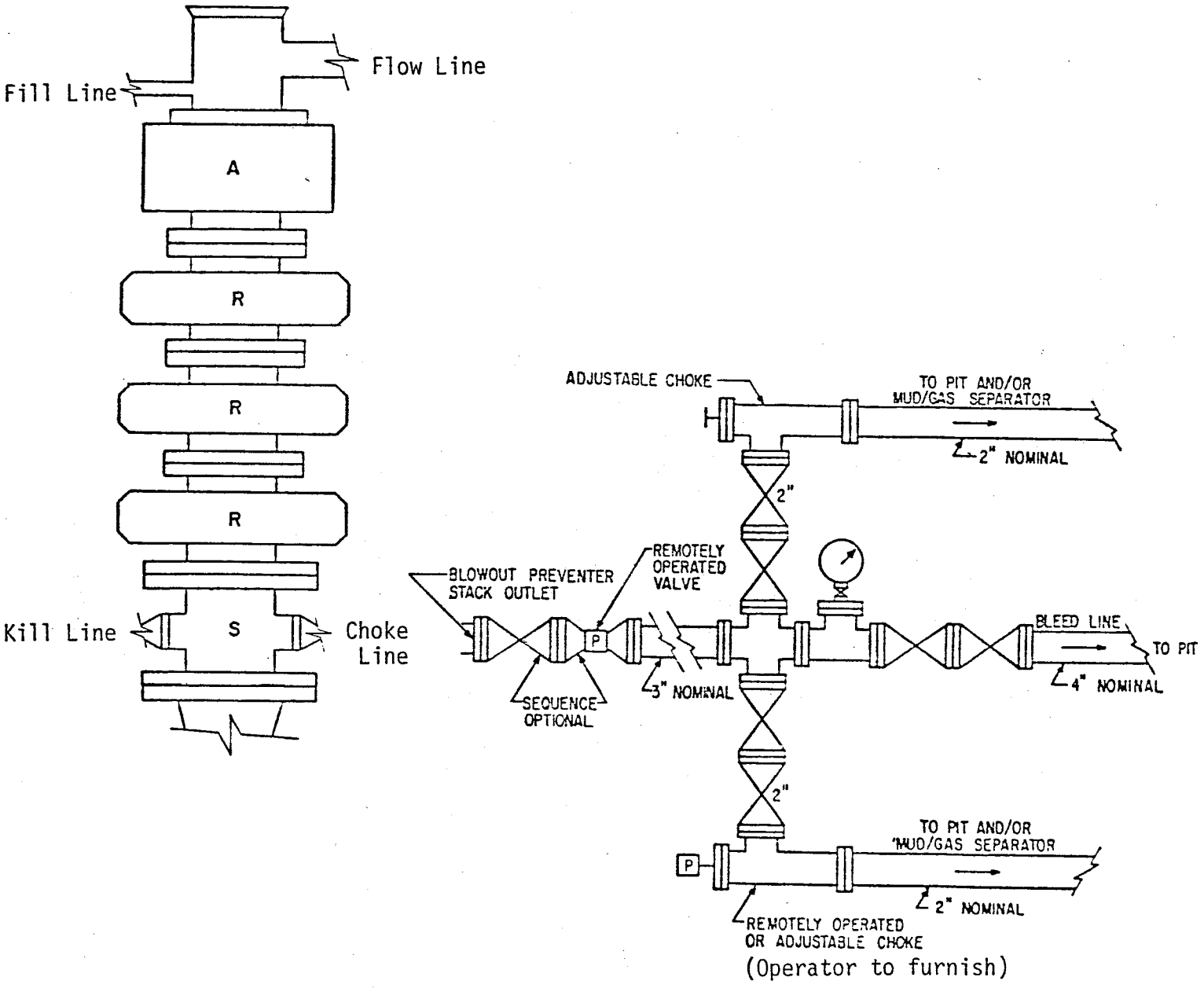
Water used during the drilling of this well will be obtained from Chalk Creek in conjunction with approval from the Chalk Creek and Hoytsville Water Users' Association. All the necessary forms will be filed with the State of Utah, Division of Water Rights.

Conoco Inc. has a current and correct $25,000 Surety Bond with the State of Utah, Bond No. 8075-16-00, covering all drilling operations in Utah.

The following information is attached:

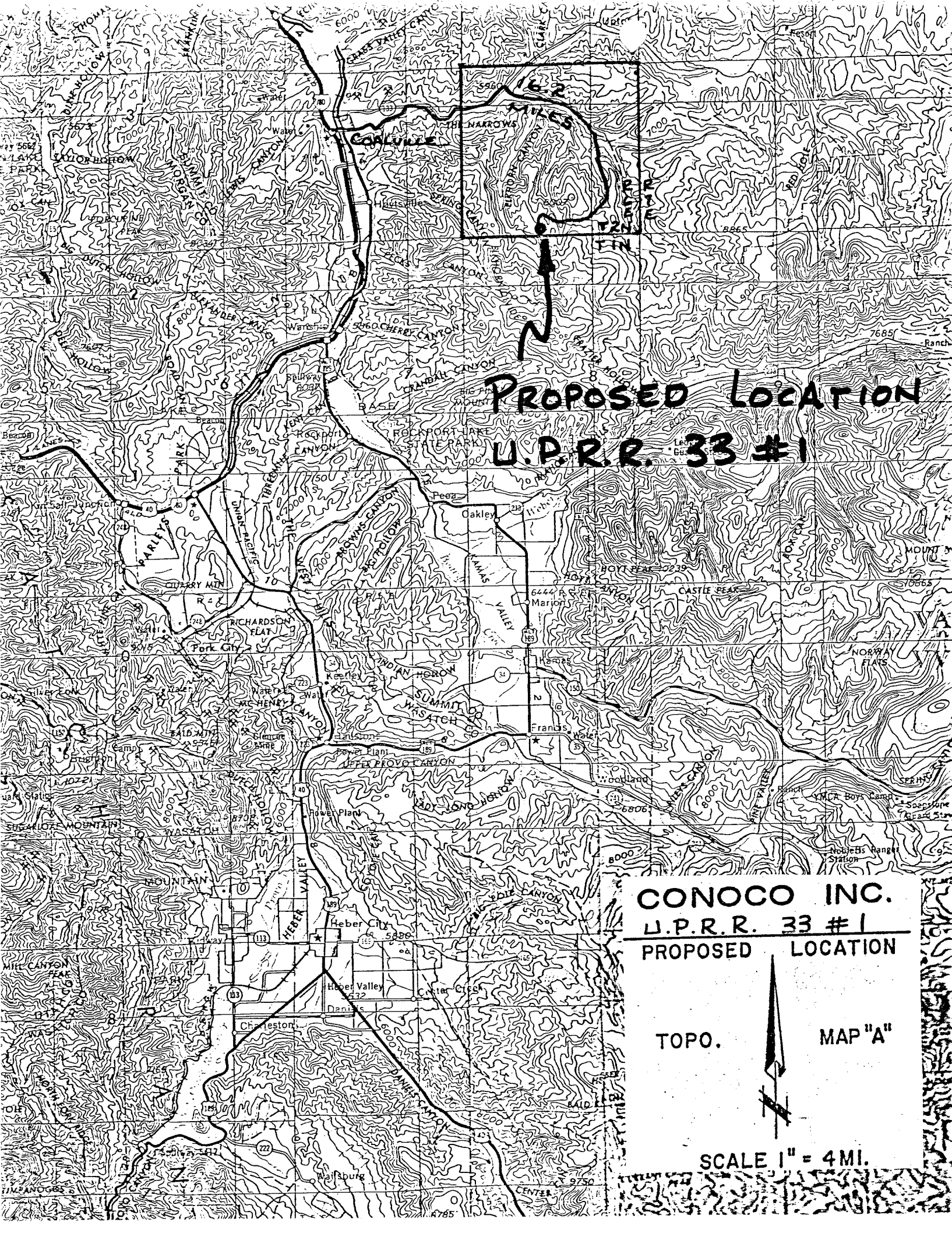
1. Survey plat
2. BOP diagram
3. Topographic map of the surrounding area (Map "A")
4. Copy of application of exception location

If you require further information, please contact Joe M. Galovich, Production Superintendent, at this office (307-234-7311).



MINIMUM BOP STACK REQUIREMENTS

BOP STACK	13-5/8" - 5000 psi Working Pressure
Two Pipe Rams	
One Blind Ram	
One Annular	
Manifold	5000 psi Working Pressure


6.2 MILES
PROPOSED LOCATION
U.P.R.R. 33 #1
CONOCO INC.
U.P.R.R. 33 #1
PROPOSED LOCATION
TOPO.
MAP "A"
SCALE 1" = 4MI.

Form 111 8 61-2M

APPLICATION NO. 83-35-12

DISTRIBUTION SYSTEM.....

Application For Temporary Change of Point of Diversion, Place or Purpose of Use

STATE OF UTAH

(To Be Filed in Duplicate)

Salt Lake City, UT (Place) May 16, (Date) 19 83

For the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use (Strike out written matter not needed) of water, the right to the use of which was acquired by 8 shares (see attached notice) (Give No. of application, title and date of Decree and Award No.) to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. The owner of right or application is Chalk Creek - Hoytsville Water Users' Association
2. The name of the person making this application is Conoco Inc.
3. The post office address of the applicant is 907 Rancho Road, Casper, Wyoming 82601
   Phone No. (307) 234-7311

PAST USE OF WATER

4. The flow of water which has been used in second feet is.....
5. The quantity of water which has been used in acre feet is 8.0
6. The water has been used each year from January 1 (Month) (Day) to December 31 (Month) (Day), incl.
7. The water has been stored each year from January 1 (Month) (Day) to December 31 (Month) (Day), incl.
8. The direct source of supply is Joyce & Boyer Lakes in Summit County.
9. The water has been diverted into Chalk Creek ditch canal at a point located Summit County
10. The water involved has been used for the following purpose: Irrigation

Total..... acres.

NOTE: If for irrigation, give legal subdivisions of land and total acreage which has been irrigated. If for other purpses, give place and purpose of use.

THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

11. The flow of water to be changed in cubic feet per second is.....
12. The quantity of water to be changed in acre-feet is 8.0
13. The water will be diverted ~~xxxxxx~~ from Chalk Creek ditch canal at a point located (SW/NE) Sec. 14, T2N, R6E, Summit County, Utah (See attached Topographic Map "B")
    Approx. South 2150' and West 2100' from the E¼ cor Sec 14 T2N, R6E, SLB&M
14. The change will be made from May 25, 19 83, to May 25, 19 84 (Period must not exceed one year)
15. The reasons for the change are to provide water for drilling of an oil and/or gas well.
16. The water involved herein has heretofore been temporarily changed 0 years prior to this application. (List years change has been made)
17. The water involved is to be used for the following purpose: drilling fluids for an oil and/or gas well (Conoco UPRR 33 No. 1 - 1,320' FSL, 1,980' FEL, (NW/SE) Sec. 33, T2N, R6E, Summit County, Utah Total acres.

NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

EXPLANATORY

A filing fee in the sum of ~~$XX.00~~ $7.50 is submitted herewith. I agree to pay an additional fee for either investigating or advertising this change, or both, upon the request of the State Engineer.

UOGCC (2) File 3146

T. C. Thompson
Signature of Applicant

T. C. Thompson (Administrative Supervisor)

RULES AND REGULATIONS

(Read Carefully)

This application blank is to be used only for temporary change of point of diversion, place or nature of use for a definitely fixed period not to exceed one year. If a permanent change is desired, request proper application blanks from the State Engineer.

Application for temporary change must be filed in duplicate, accompanied by a filing fee of $5.00. Where the water affected is under supervision of a Water Commissioner, appointed by the State Engineer, time will be saved if the Application is filed with the Commissioner, who will promptly investigate the proposed change and forward both copies with filing fee and his report to the State Engineer. Applications filed directly with the State Engineer will be mailed to the Water Commissioner for investigation and report. If there be no Water Commissioner on the source, the Application must be filed with the State Engineer.

When the State Engineer finds that the change will not impair the rights of others he will authorize the change to be made. If he shall find, either by his own investigation or otherwise, that the change sought might impair existing rights he shall give notice to persons whose rights might be affected and shall give them opportunity to be heard before acting upon the Application. Such notice shall be given five days before the hearing either by regular mail or by one publication in a newspaper. Before making an investigation or giving notice the State Engineer will require the applicant to deposit a sum of money sufficient to pay the expenses thereof.

Address all communications to:
State Engineer
State Capitol Building
Salt Lake City, Utah

STATE ENGINEER'S ENDORSEMENTS

(Not to be filled in by applicant)

Change Application No. ..... , ...
(River System)

1. ..... Application received by Water Commissioner .....
(Name of Commissioner)

Recommendation of Commissioner .....

2. 5/18/83 Application received ~~over counter~~ by mail in State Engineer's Office by WB

3. 5-17-83 Fee for filing application, $7.50, received by AJP ; Rec. No. 022694

4 ..... Application returned, with letter, to ....., for correction.

5. ..... Corrected application resubmitted over counter / by mail to State Engineer's Office.

6. ..... Fee for investigation requested $..... .

7. ..... Fee for investigation $..... , received by ..... : Rec. No. .....

8. ..... Investigation made by ..... ; Recommendations: .....

.....

9. ..... Fee for giving notice requested $. ..... .

10. ..... Fee for giving notice $..... , received by ..... : Rec. No. .....

11. ..... Application approved for advertising by publication / mail by .....

12. ..... Notice published in .....

13. ..... Notice of pending change application mailed to interested parties by .....as follows:

.....

.....

14. ..... Change application protested by .....
(Date Received and Name)

.....

15. ..... Hearing set for ....., at .....

16. 5/19/83 Application recommended for ~~rejection~~ approval by RJA

17. ..... Change Application rejected / approved and returned to .....

THIS APPLICATION IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:

1. .....

2. .....

3. .....

.....
State Engineer

for Dee C. Hansen

OPERATOR Conoco, Inc. DATE 5-16-83

WELL NAME Conoco UPRR 33 #1

SEC NWSE 33 T 2N R 6E COUNTY Summit

API NUMBER	TYPE OF LEASE
	Fee

POSTING CHECK OFF:

☐ INDEX	☐ MAP	☐ HL
☐ NID	☐	☐ PI

PROCESSING COMMENTS:

NO OTHER WELLS ON 160 ACRE DRILLING UNIT

CHIEF PETROLEUM ENGINEER REVIEW:

APPROVAL LETTER:

SPACING: ☐ A-3 _____ UNIT ☒ c-3-a 167-2 2-1-79 CAUSE NO. & DATE

☐ c-3-b ☐ c-3-c

SPECIAL LANGUAGE:

DIRECTIONAL DRILLING SURVEY AND ACTUAL DATA MUST BE SUBMITTED AT TIME OF COMPLETION

- [✓] RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.
- [✓] AUTHENTICATE LEASE AND OPERATOR INFORMATION
- [ ] VERIFY ADEQUATE AND PROPER BONDING NEEDS BOND
- [✓] AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.
- [ ] APPLY SPACING CONSIDERATION
  - [ ] ORDER 167-2
  - [ ] UNIT NO
  - [ ] c-3-b
  - [ ] c-3-c
- [✓] CHECK DISTANCE TO NEAREST WELL.
- [✓] CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.
- [✓] IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER
- [✓] IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

Alex M. Yarsa
Division Manager
Production Department

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

May 13, 1983

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attention: Ronald J. Firth
Chief Petroleum Engineer

Gentlemen:

Application for Administrative Approval
Exception Location
Conoco UPRR 33 No. 1
1320' FSL, 1980' FEL, Section 33,
T2N, R6E, Summit County, Utah
File: JO-932.51-JO

Pursuant to Rule C-3(c) of the Rules and Regulations of the Division of Oil, Gas & Mining of the State of Utah, Conoco Inc. herewith makes application and requests administrative approval of an exception location for the Conoco UPRR 33 No. 1 well to be located 1320 feet from the south line and 1980 feet from the east line of Section 33, Township 2 North, Range 6 East, Summit County, Utah.

By assignment from Amoco Production Company, Conoco Inc. is the owner and operator of an oil and gas lease covering the W½ and the SE¼ of Section 33, T2N, R6E in Summit County, Utah. Conoco intends to drill a 14,500 foot exploratory well, with the surface location as noted in the above paragraph.

Because of the known difficulties in drilling vertical wells in the Overthrust Belt, where this test well is located, we have positioned the well so as to minimize the costs of directional control required to keep the well from drifting too close to our lease line. Mr. R. N. Beamer, of this office, discussed this with Mr. R. J. Firth several weeks ago and was advised that this precaution seemed appropriate.

Inasmuch as the ownership of all oil and gas leases within a radius of 660 feet of the proposed location is common with the ownership of the oil and gas leases under the proposed location, Conoco Inc. respectfully requests that the general well spacing requirements of Rule C-3(b) be waived without notice and hearing and that the Commission grant an exception to those requirements for our proposed well location.

In the event administrative approval of this application can not be granted, Conoco requests that proper notice be given and that this matter be put on the Board's docket for hearing.

A copy of this letter application will be attached to our application for permit to drill. We would like to spud the well around June 1, 1983. Your early action concerning this application will be appreciated.

Please contact Mr. R. N. Beamer of this office if further information is required.

Respectfully submitted,

Alex M. Yarsa

Alex M. Yarsa
Division Manager

dk

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

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

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

May 18, 1983

Mr. Kevin Vogel
Conoco, Inc.
907 Rancho Road
Casper, Wyoming 82601

Dear Kevin:

This will confirm our telephone conversation of May 18th in regard to processing the Application for Permit to Drill for Conoco UPRR 33 #1. The list of items needing additional attention is as follows:

5-27-83 1. Fee Bond

5/19/83 2. Copy of water right approval

3. Notification of offset owners to drilling unit, reference the unorthodox location

4. Directional drilling program with producing zones in the SE/SE quarter, but not closer than 300 feet from the South or the East boundaries.

I have sent the bond forms to Linda Louis as you requested.

Respectfully,

Norman C. Stout
Administrative Assistant

NCS/as

STATE OF UTAH
NATURAL RESOURCES & ENERGY
Water Rights

1636 West North Temple • Salt Lake City, UT 84116 • 801-533-6071

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dee C. Hansen, State Engineer

May 19, 1983

Conoco Inc.
907 Rancho Road
Casper, Wyoming 82601

Re: Temporary Change Application
No. 83-35-12

Gentlemen:

The above numbered Temporary Change Application has been approved, subject to prior rights and the following conditions:

1) Totalizing meters shall be installed on all stationary sources to measure the water obtained and the meter shall be available for inspection by the River Commissioner at all times to regulate the change.

2) If the water is diverted and transported by trucks the applicant will submit to the State Engineer's Office, within two weeks of the ending date of the application, appropriate documentation to show the number of trucks filled and the capacity of the trucks.

A copy of the Approved Temporary Change Application is herewith returned for your records and future reference.

Sincerely yours,

Richard B. Hall, P.E.
For Dee C. Hansen, P.E.
State Engineer

DCH/RBH/ll

Enclosure

cc: Donald C. Norseth, Distribution Engineer
E. Blaine Johnson, River Commissioner
1615 East Shadow Valley Drive
Route 6, Box 892
Ogden, Utah 84403

Alex M. Yarsa
Division Manager
Production Department

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

May 27, 1983

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attention: Ronald J. Firth
Chief Petroleum Engineer

Gentlemen:

Application for Well Location Permit
Conoco U.P.R.R. 33 No. 1
990' FSL, 990' FEL
SE¼ SE¼ Section 33, T2N, R6E
Lodgepole Field Area
Summit County, Utah
File: JO-380-JO

Pursuant to Paragraph 2(b) of the Order entered in Cause No. 167-2, heard by the Board on January 31 and February 1, 1979, which Order was extended for an indefinite period of time by Order entered in Cause No. 167-3 on February 27, 1980, Conoco hereby makes application and requests approval to drill the Conoco U.P.R.R. 33 No. 1 Well at a surface location 990' FSL and 990' FEL of Section 33, T2N, R6E in Summit County, Utah. The well will be drilled and completed in accordance with the provisions of Paragraph 2(a) of the Order.

By copy of this application to each of the offset owners to the SE¼ Section 33, notice of Conoco's intent to drill this well is given as required by the Order. A list of offset owners is attached.

The particulars of this well were included in Conoco's APD submitted on May 13, 1983, as amended by the Sundry Notice dated May 27, 1983, of which three copies are attached to this Application.

If additional information is required or requirements are to be met, please contact Kevin Vogel or Ron Beamer, of this office, as quickly as possible.

Yours very truly,

Alex M. Yarsa
Division Manager

dfk
attachment

cc: TCT

OFFSET OWNERS TO CONOCO U.P.R.R. 33 NO. 1

Amoco Production Company
Amoco Building
1670 Broadway
Denver, Colorado 80202

Conquest Exploration Company
P. O. Box 1529
Denver, Colorado 80201

Champlin Petroleum Company
P. O. Box 1257
Denver, Colorado 80150

American Quasar Petroleum Company
1700 Broadway, Suite 707
Denver, Colorado 80290

North Central Oil Corporation
6001 Savoy Drive, Suite 600
Houston, Texas 77036

Deca Energy Corporation
1801 Broadway, Suite 600
Denver, Colorado 80202

Confidential

OPERATOR Conoco Inc DATE 5-31-83

WELL NAME Conoco UPRR 33-1

SEC SESE 33 T 2N R 6E COUNTY Summit
990 FSL, 990 FEL

43-043-30233
API NUMBER

Fee
TYPE OF LEASE

POSTING CHECK OFF:

✓ INDEX	✓ MAP	✓ HL
☐ NID	☐	✓ PI

PROCESSING COMMENTS:
This form is based upon the amended APD changing location and drilling program

✓ CHIEF PETROLEUM ENGINEER RE
6/1/83

Gave approval over phone to PB w/ CI BP & CMT to Watton Canyon (Twin Creek).

APPROVAL LETTER:

SPACING: ☐ A-3 ____

2/22/84
JSAB

79

☐ c-3-b ☐

SPECIAL LANGUAGE:
Directional survey data verifying the bottom hole and producing interval locations must be submitted at time of completion Rec. 1/30/84

Confidential

Confidential

OPERATOR Conoco Inc DATE 5-31-83

WELL NAME Conoco UPRR 33-1

SEC SESE 33 T 2N R 6E COUNTY Summit
990 FSL, 990 FEL

43-043-30233	Fee
API NUMBER	TYPE OF LEASE

POSTING CHECK OFF:

✓ INDEX	✓ MAP	✓ HL
☐ NID	☐	✓ PI

PROCESSING COMMENTS:
This form is based upon the amended APD changing location and drilling program

✓ CHIEF PETROLEUM ENGINEER REVIEW:
6/1/83

APPROVAL LETTER:

SPACING: ☐ A-3 _____ UNIT ☒ c-3-a 167-2 2-1-79 CAUSE NO. & DATE

☐ c-3-b ☐ c-3-c

SPECIAL LANGUAGE: Directional survey data verifying the bottom hole and producing interval locations must be submitted at time of completion Rec. 1/30/84

Confidential

- [x] RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.
- [x] AUTHENTICATE LEASE AND OPERATOR INFORMATION
- [x] VERIFY ADEQUATE AND PROPER BONDING
- [x] AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.
- [ ] APPLY SPACING CONSIDERATION
  - [x] ORDER 167-2
  - [ ] UNIT _____
  - [ ] c-3-b
  - [ ] c-3-c
- [x] CHECK DISTANCE TO NEAREST WELL.
- [x] CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.
- [x] IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER
- [x] IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

June 1, 1983

Conoco, Inc.
907 Rancho Road
Casper, Wyoming 82601

RE: Well No. Conoco UPRR 33-1
SESE Sec. 33, T.2N, R.6E
990 FSL, 990 FEL
Summit County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. 167-2 dated February 1, 1979. Directional survey data verifying the bottom hole and producing interval locations must be submitted at time of completion.

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

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

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

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

The API number assigned to this well is 43-043-30233.

Sincerely,

Norman C. Stout
Administrative Assistant

NCS/as
Enclosure

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

2. NAME OF OPERATOR: Conoco Inc.

3. ADDRESS OF OPERATOR: 907 Rancho Road Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 990' FSL, 990' FEL (SE/SE)

5. LEASE DESIGNATION AND SERIAL NO.: Fee UPRR

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Conoco UPRR 33

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T2N, R6E

12. COUNTY OR PARISH: Summit

13. STATE: Utah

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7,504' Ungraded Ground

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other) Change of Location			[X]	(Other)			

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

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

The proposed location for Conoco UPRR 33 No. 1 has been changed (from 1,320' FSL, 1,980' FEL (NW/SE) to 990' FSL, 990' FEL (SE/SE)) to comply with the 160 acre spacing requirements, Order No. 167-2, concerning the Nugget and Twin Creek formations. Survey plat of revised location is attached.

Also, the original APD referenced a $25,000 Surety Bond with the State of Utah, Bond No. 8075-16-00. The subject bond only covers State leases and not fee leases. A $50,000 Surety Blanket Bond was submitted, Bond No. 8086-16-72, on May 23, 1983 covering all fee leases in the State of Utah.

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

SIGNED C. C. Morrison TITLE Administrative Supervisor DATE 5-27-83

(This space for Federal or State office use)

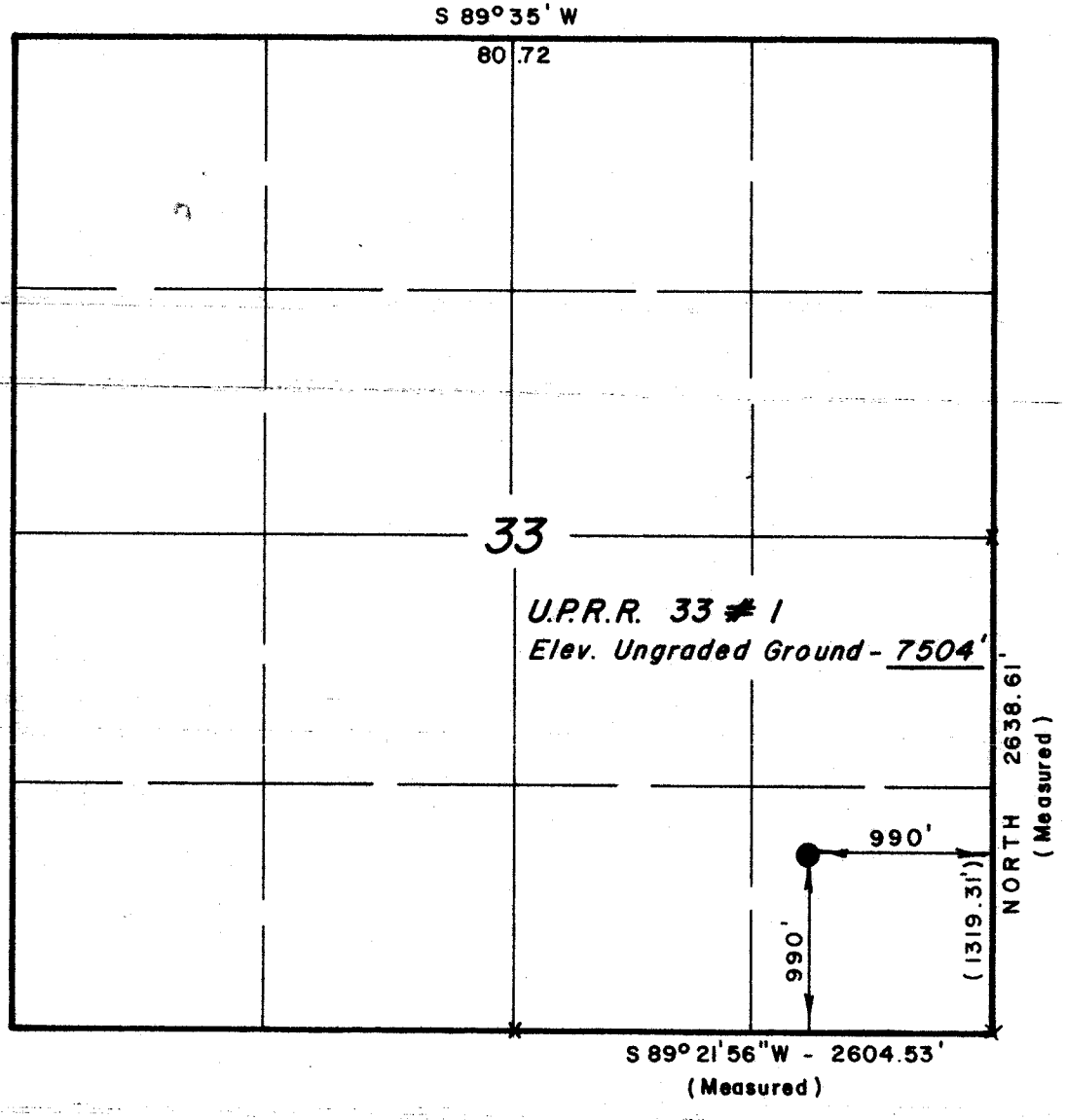
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UOGCC(3) MMS-Salt Lake City(2) State of Utah File 3146
Division of Water Rights

*See Instructions on Reverse Side

T2N, R6E, S.L.B.&M.



X = Section Corners Located

PROJECT

CONOCO INC.

Well location, *U.P.R.R. 33 #1*, located as shown in the SE 1/4 SE 1/4 Section 33, T2N, R6E, S.L.B.&M. Summit County, Utah.

CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION Nº 2454
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 5/24/83
PARTY DK, DB, BK	REFERENCES GLO PLAT
WEATHER SUNNY	FILE CONOCO

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Conoco

WELL NAME: UPRR 33-1

SECTION SESE 33 TOWNSHIP 2N RANGE 6E COUNTY ~~Summit~~

DRILLING CONTRACTOR Dixilyn-Field Drilling

RIG # 38

SPUDDED: DATE 7-8-83

TIME 1:00 AM

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Sandy

TELEPHONE # _____

DATE 7-8-83 SIGNED RJF

Utah

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P TEST PERFORMED ON: 7/22/83

OIL CO: Conoco INC

WELL NAME & NUMBER: D.P.R.R. #33-1

SECTION:

TOWNSHIP:

RANGE:

COUNTY: Summit STATE: Utah

DRILLING CONTRACTOR: Dixilyn-Fields (#38)

TESTED By: DOUBLE "D" ENTERPRISES, INC.
712 Morse Lee Street
Evanston, Wyoming 82930

PHONE NUMBERS: (307) 789-9213, OR (307) 789-9214

EVANSTON SHOP ADDRESS:
96 WILLOW WAY
SUNSET INDUSTRIAL PARK
EVANSTON, WYOMING 82930

INVOICES BILLED OUT OF:

DOUBLE "D" ENTERPRISES, INC.
P.O. Box 560
Shoshoni, Wyoming 82649

OIL CO. SITE REPRESENTATIVE: TERRY.

RIG TOOL PUSHER:

TESTED OUT OF Evanston OFFICE:

NOTIFIED

COPIES OF THIS TEST REPORT SENT COPIES TO:

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFI

Shane McKeown Phone Number (307) 789-
Mike Rykhus Phone Number (307) 789-51
Evanston, Wyoming 829

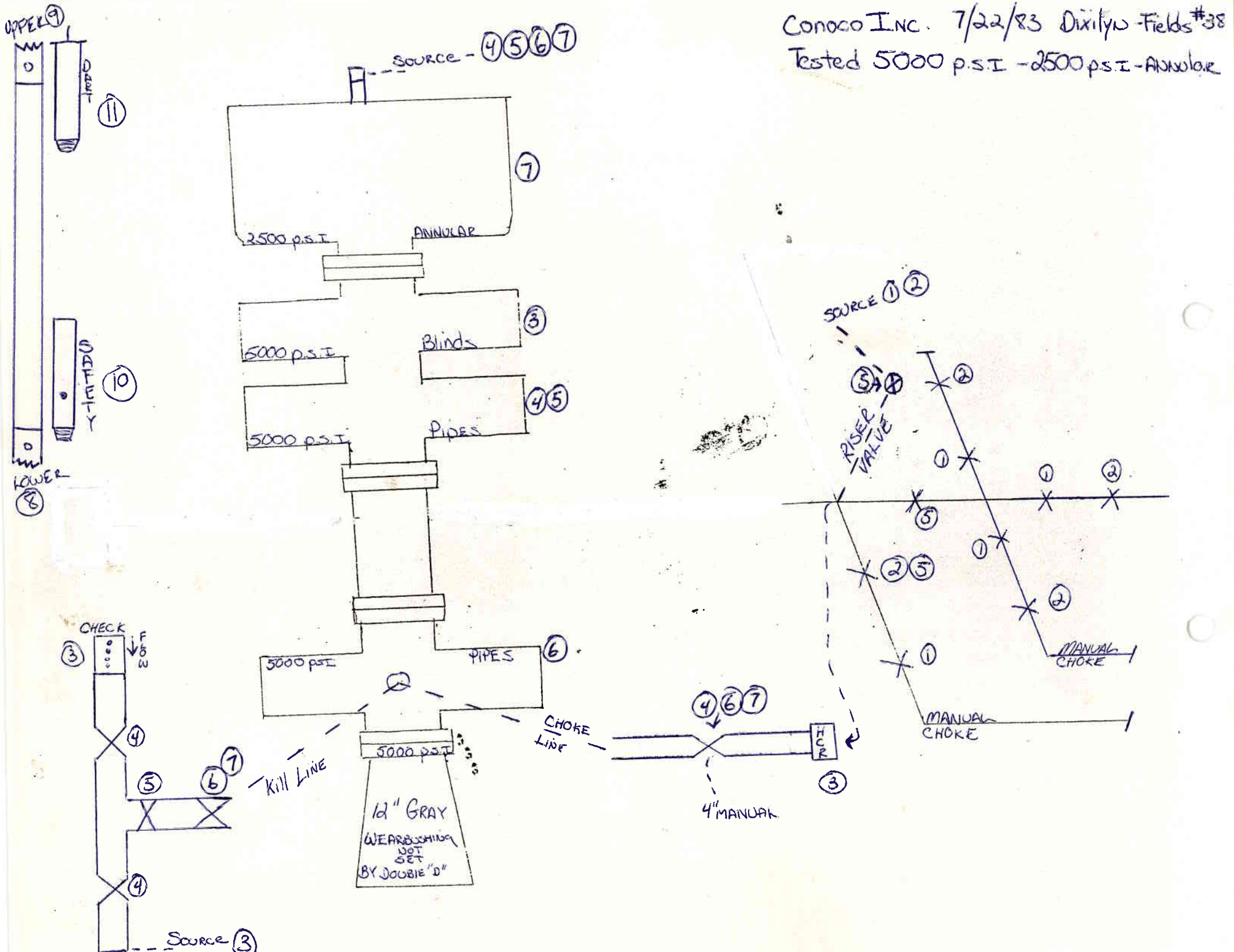
DATE	[illegible] #	RIG #	TYPE of TEST	OIL Co.	WELL #	STATE	SEC. T. RAN
7/22	1328	Fields #38	JEST	Conoco	UPRR #33-1	Utah	

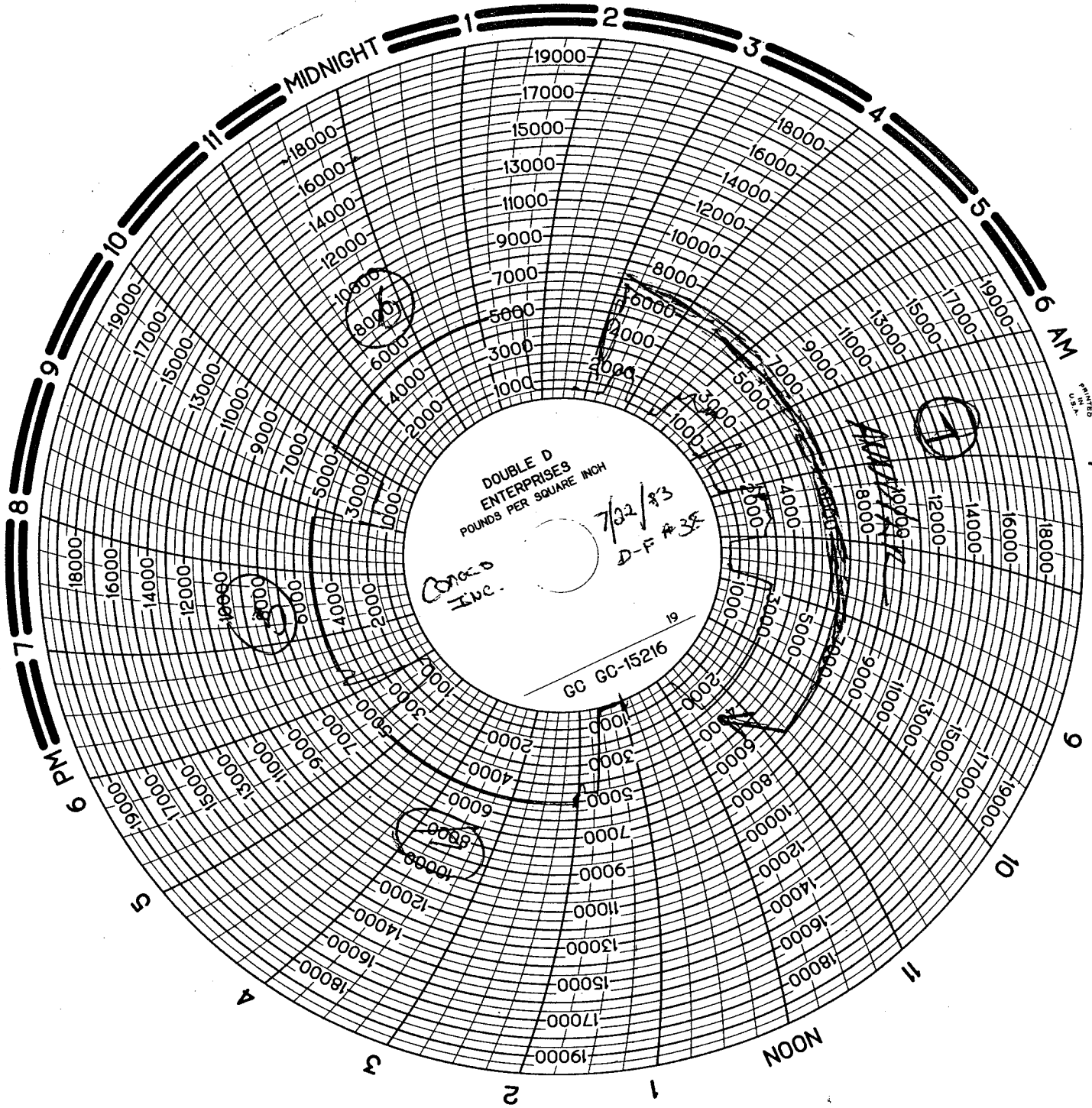
STATE
R

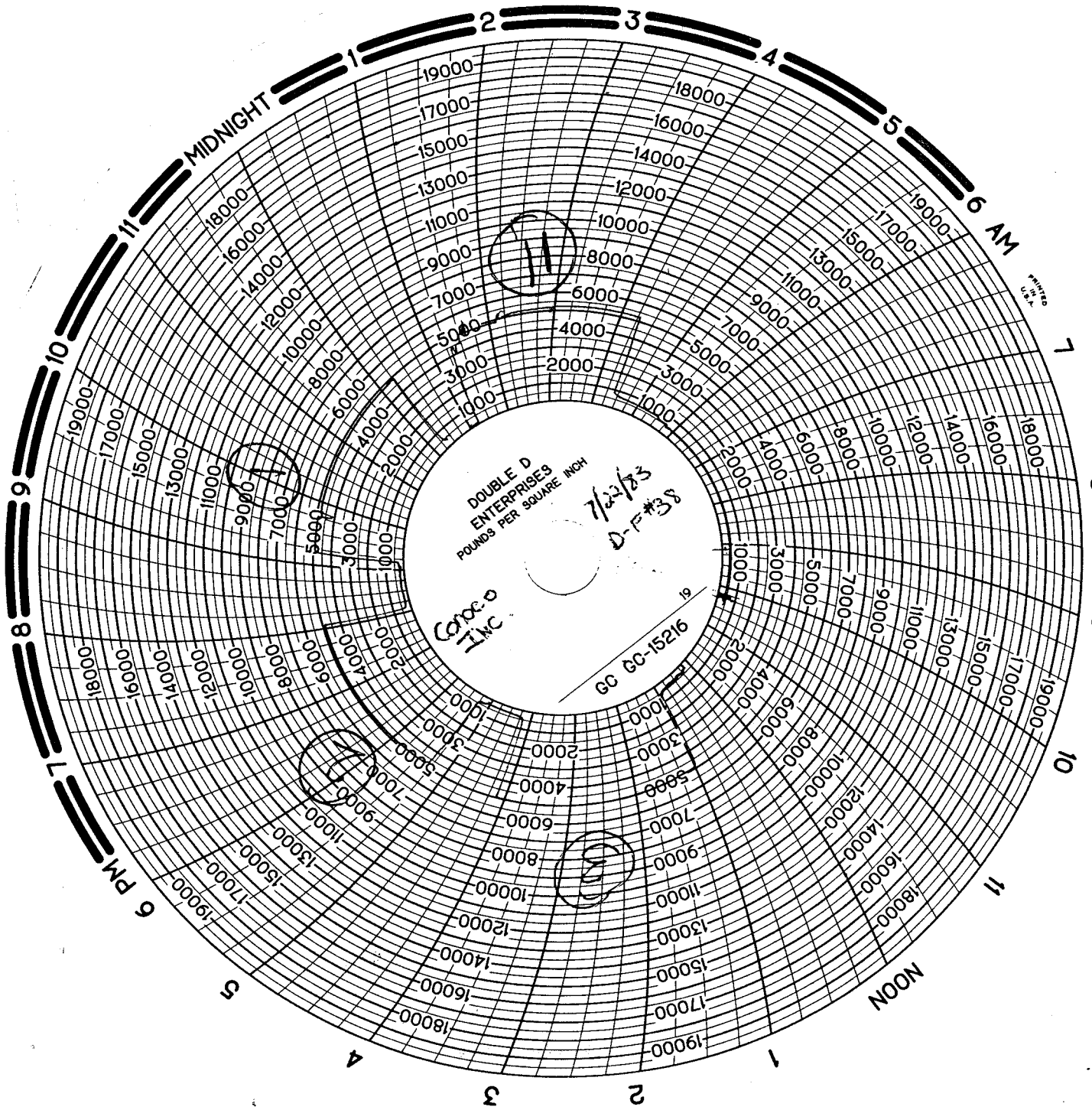
Company	Lease & Well Name #	Date of Test	Rig
CONOCO INC	Summit, Utah U.P.R.R. #33-1	7/22/83	Dixilyn Field #38

TEST #	TIME	
		Load Truck + Trailer to location
		Hold safety mtg — Rig up + Test Koomey lines
(1)		Outside manuals on manifold @ 5000 p.s.i.
(2)		Inside manuals on manifold.
(3)		While Koomey lines are hooked up - Test blinds, Check valve, H.C.R.
		Rig up on floor subs — dia —
(4)		Upper pipes, 4" manual on choke, 2-2" manuals on kill
(5)		Upper pipes, 2nd manual on kill, Piece in line, inside manuals on manifold
(6)		Lower pipes, 1st manual on kill, 4" manual on choke
(7)		All are hooked up - increased pressure slowly to 1100 psi Hold test @ 2500 p.s.i. - good Attempt to set wear bushing - apparently worn too big —
		Pull pin —
(8)		Lower kelly —
(9)		Upper kelly —
		Set Back kelly - Rig released — make up Dart and Safety manually —
(10)		Safety - 5000 psi
(11)		Dart - 5000 p.s.i.
		Rig down trailer to shop —

Conoco Inc. 7/22/83 Dixilyn-Fields #38
Tested 5000 p.s.i - 2500 p.s.i - Annular




MIDNIGHT
6 AM
NOON
6 PM
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216
19
7/32/83
D-F #35
Conoco
Inc.
PRINTED
U.S.A.


MIDNIGHT
1
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6 AM
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NOON
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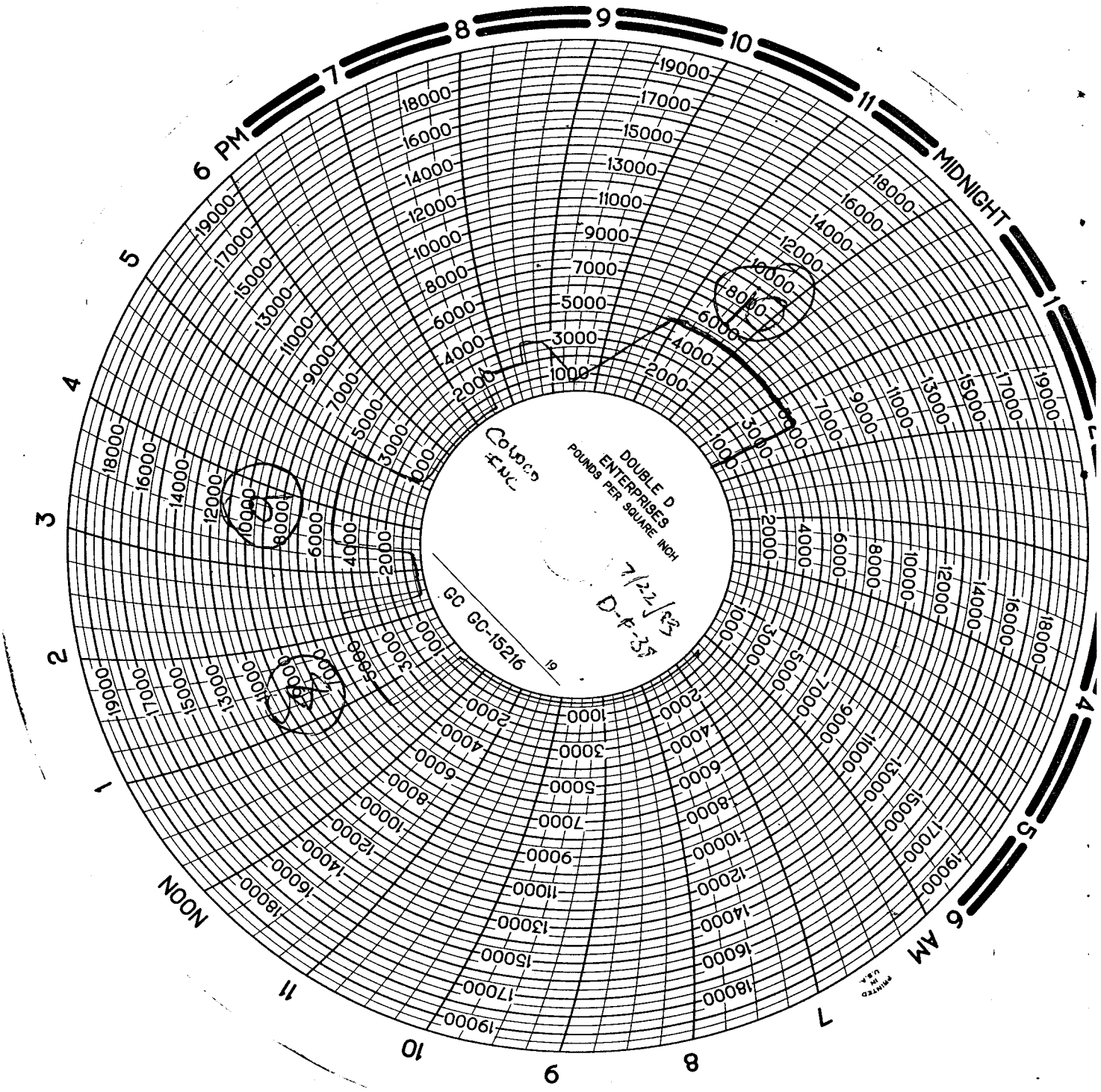
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
7/24/83
D-F#38
Conoco
Inc
GC GC-15216
19
PRINTED IN U.S.A.


DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
Colorado
Inc.
GC GC-15216
7/22/63
D-4-35
MIDNIGHT
6 PM
6 AM
NOON
PRINTED IN U.S.A.

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

January 3, 1984

Conoco Inc.
907 Rancho Road
Casper, WY 82601

Sandy Dale called 1/17 will send as prepared

RE: Well No. UPRR #33
API # 43-043-30233
990' FSL, 990' FEL SE/SE
Sec. 33, T. 2N, R. 6E.
Summit County, Utah

Gentlemen:

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

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

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

Claudia Jones

Claudia Jones
Well Records Specialist

CJ/cj
Enclosure

Conoco Inc.
555 Seventeenth Street
Denver, CO 80202
(303) 575-6000

January 26, 1984

Utah Division of Oil, Gas, and Mining
ATTN: Ron Firth
4241 State Office Building
Salt Lake City, Utah 84114

Gentlemen:

We are requesting confidential status to hold the electric logs and well information tight for six months for the following well:

Operator: Conoco Inc.

Well: 33 #1 UPRR

County: Summit, Utah

Location: SE SE 33-2N-6E

Please notify me of the expiration date of the Confidential Status.

Sincerely,

Wayne C. Orlowski

Wayne C. Orlowski
Operations Supervisor - Geoscience

d

CC: Well File
J. A. Brown

DIG

SUB-SURFACE DIRECTIONAL SURVEY REPORT

CONOCO
COMPANY

U.P.R.R. 33-1
WELL NAME

SUMMIT CO., UTAH
STATE AND COUNTY

CERTIFIED REPORT

✓ 1/15/84 — Roy Burgess, Conoco, Casper Wy.
presently completing well — Nugget formation

1 .CUSTOMER :CONOCO

2 .WELL # :U.P.R.R. 33-1

3 .LOCATION :SUMMIT CO. UTAH

4 .DATE :7/23/83

5 .JOB TYPE :GYRO/SINGLE SHOT

6 .JOB # :GS-2129.

7 .SURVEYOR :BO FANT

8 .DEPTHS :0'-14500'

9 .DECL. :15 DEGREES EAST

10.ELEV. :0

11.FILE # :RM-A7

RADIUS OF CURVATURE METHOD

PLANE OF PROPOSAL: S 73.20 E

PRINT FORMAT='DECIMAL DEGREES'


```
**********************************
* THIS SURVEY IS CORRECT TO THE  *
* BEST OF MY KNOWLEDGE AND IS    *
* SUPPORTED BY ACTUAL FIELD DATA.*
*                                *
*                                *
*     COMPANY REPRESENTATIVE     *
**********************************
```

FINAL STATION DATA:

MEASURED DEPTH FEET	INCLINATION ANGLE DEG.	HOLE DIRECTION DEG.	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	SUBSEA DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR COORDINATES N/S	RECTANGULAR COORDINATES E/W	DOGLEG SEVERITY DG/100F
13040.00	19.00	S 73.00 E	116.00	12956.07	12956.07	832.81	240.68 S	797.27 E	2.24

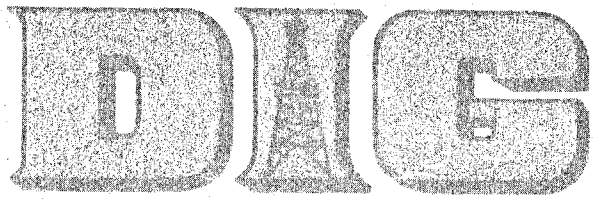
CLOSURE	DIRECTION	DISTANCE
	S 73.20 E	832.81

MEASURED DEPTH FEET	INCLINATION ANGLE DEG.	HOLE DIRECTION DEG.	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	SUBSEA DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR COORDINATES N/S	RECTANGULAR COORDINATES E/W	DOGLEG SEVERITY DG/100F
0.00	0.00	N 00.00 E	0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00
100.00	.25	N 45.00 E	100.00	100.00	100.00	.10	.15 N	.15 E	.25
200.00	.25	N 45.00 E	100.00	200.00	200.00	.31	.46 N	.46 E	0.00
300.00	.25	N 45.00 E	100.00	300.00	300.00	.52	.77 N	.77 E	0.00
400.00	.25	N 41.00 E	100.00	400.00	400.00	.71	1.09 N	1.07 E	.02
500.00	.25	N 30.00 E	100.00	500.00	500.00	.85	1.45 N	1.32 E	.05
600.00	.25	N 57.00 E	100.00	599.99	599.99	1.04	1.76 N	1.62 E	.12
700.00	.25	N 16.00 E	100.00	699.99	699.99	1.19	2.10 N	1.87 E	.18
800.00	.25	N 24.00 E	100.00	799.99	799.99	1.21	2.51 N	2.02 E	.03
900.00	.25	N 22.00 E	100.00	899.99	899.99	1.26	2.91 N	2.19 E	.01
1000.00	.25	N 02.00 E	100.00	999.99	999.99	1.22	3.34 N	2.28 E	.09
1100.00	.50	N 14.00 W	100.00	1099.99	1099.99	.97	3.99 N	2.22 E	.27
1200.00	.50	N 10.00 W	100.00	1199.99	1199.99	.55	4.84 N	2.03 E	.03
1300.00	.75	N 10.00 W	100.00	1299.98	1299.98	.06	5.91 N	1.84 E	.25
1400.00	1.00	N 20.00 W	100.00	1399.97	1399.97	-.75	7.39 N	1.45 E	.29
1500.00	1.00	N 21.00 W	100.00	1499.95	1499.95	-1.81	9.02 N	.84 E	.02
1600.00	1.00	N 19.00 W	100.00	1599.94	1599.94	-2.85	10.66 N	.24 E	.03
1700.00	1.25	N 18.00 W	100.00	1699.92	1699.92	-3.99	12.52 N	.30 W	.25
1800.00	1.25	N 23.00 W	100.00	1799.89	1799.89	-5.31	14.57 N	1.15 W	.11
1900.00	1.25	N 20.00 W	100.00	1899.87	1899.87	-6.66	16.60 N	1.94 W	.07
2000.00	1.25	N 25.00 W	100.00	1999.85	1999.85	-8.04	18.61 N	2.78 W	.11
2100.00	1.50	N 26.00 W	100.00	2099.82	2099.82	-9.65	20.78 N	3.81 W	.25
2200.00	1.50	N 31.00 W	100.00	2199.78	2199.78	-11.52	23.08 N	5.06 W	.13
2300.00	1.75	N 37.00 W	100.00	2299.74	2299.74	-13.71	25.43 N	6.65 W	.30
2400.00	1.50	N 28.00 W	100.00	2399.70	2399.70	-15.86	27.82 N	8.17 W	.36
2500.00	1.75	N 29.00 W	100.00	2499.66	2499.66	-17.88	30.31 N	9.52 W	.25
2600.00	1.75	N 33.00 W	100.00	2599.62	2599.62	-20.14	32.93 N	11.09 W	.12
2700.00	1.50	N 32.00 W	100.00	2699.58	2699.58	-22.29	35.32 N	12.62 W	.25
2800.00	1.50	N 30.00 W	100.00	2799.54	2799.54	-24.23	37.56 N	13.97 W	.05
2900.00	1.25	N 30.00 W	100.00	2899.51	2899.51	-25.98	39.64 N	15.17 W	.25

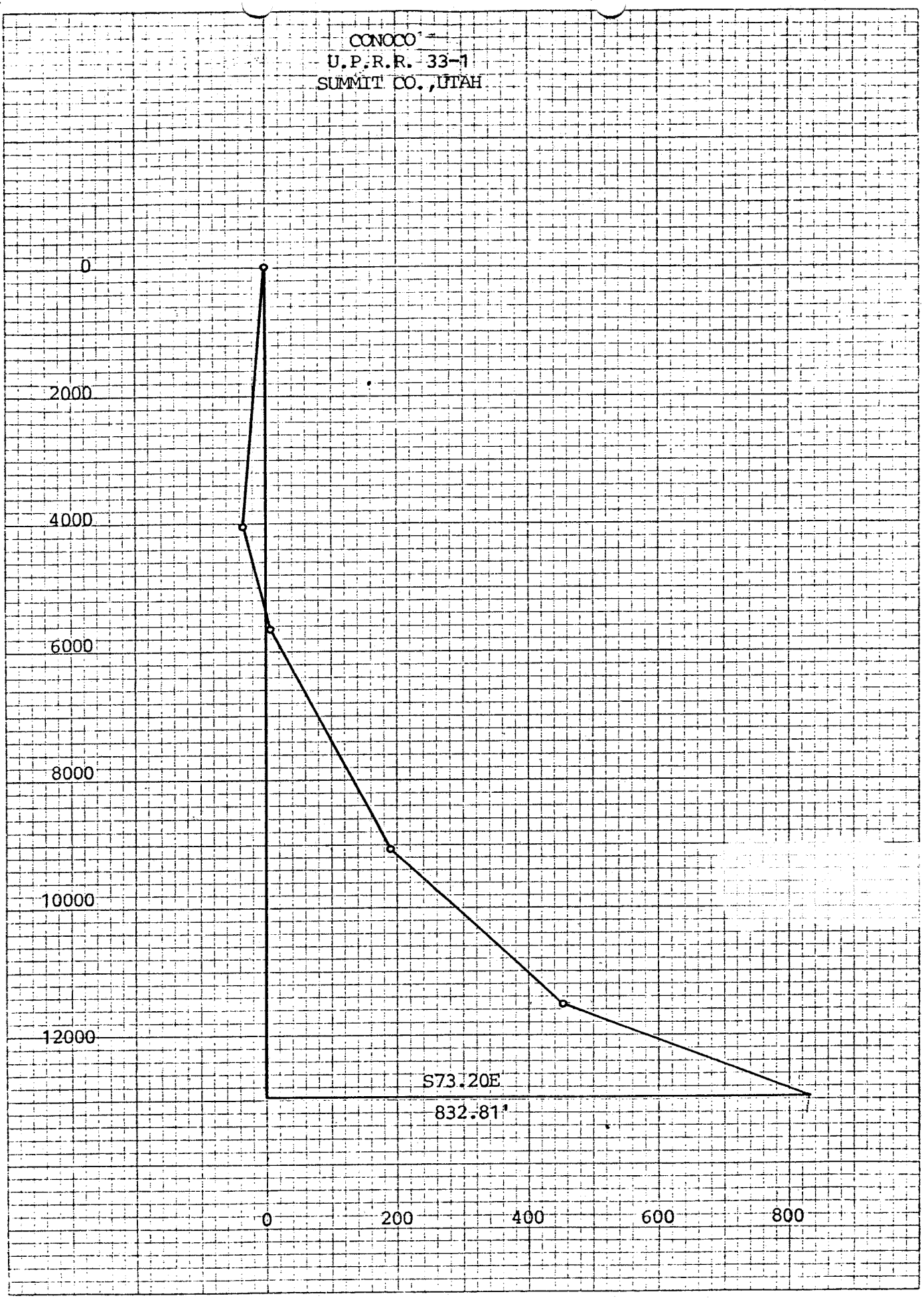
MEASURED DEPTH FEET	INCLINATION ANGLE DEG.	HOLE DIRECTION DEG.	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	SUBSEA DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR COORDINATES N/S	RECTANGULAR COORDINATES E/W	DOGLEG SEVERIT DG/100F
2975.00	1.25	N 29.00 W	75.00	2974.49	2974.49	-27.16	41.06 N	15.97 W	.03
3030.00	1.25	N 23.00 W	55.00	3029.48	3029.48	-27.97	42.14 N	16.50 W	.24
3233.00	1.25	N 07.00 W	203.00	3232.43	3232.43	-30.30	46.41 N	17.64 W	.17
3535.00	1.00	N 17.00 W	302.00	3534.37	3534.37	-33.15	52.20 N	18.87 W	.10
3729.00	1.25	N 08.00 W	194.00	3728.34	3728.34	-35.02	55.91 N	19.70 W	.16
4060.00	.75	N 31.00 E	331.00	4059.29	4059.29	-35.54	61.46 N	18.57 W	.25
4276.00	1.25	N 36.00 E	216.00	4275.25	4275.25	-34.46	64.61 N	16.49 W	.33
4399.00	1.50	N 52.00 E	123.00	4398.22	4398.22	-33.11	66.72 N	14.44 W	.37
4556.00	1.25	N 52.00 E	157.00	4555.17	4555.17	-30.94	69.04 N	11.47 W	.16
4740.00	1.25	N 57.00 E	184.00	4739.13	4739.13	-28.48	71.37 N	8.21 W	.06
4923.00	2.25	N 74.00 E	183.00	4922.04	4922.04	-24.30	73.68 N	3.14 W	.61
5017.00	2.25	N 79.00 E	94.00	5015.97	5015.97	-21.12	74.54 N	.45 E	.21
5142.00	2.50	N 81.00 E	125.00	5140.86	5140.86	-16.49	75.44 N	5.55 E	.21
5233.00	2.50	N 75.00 E	91.00	5231.77	5231.77	-13.02	76.27 N	9.43 E	.29
5407.00	3.00	N 88.00 E	174.00	5405.57	5405.57	-6.48	77.50 N	17.67 E	.46
5464.00	2.75	N 80.00 E	57.00	5462.50	5462.50	-2.85	77.80 N	20.51 E	.83
5647.00	2.50	S 87.00 E	183.00	5645.31	5645.31	4.99	78.31 N	28.86 E	.35
5825.00	2.25	N 89.00 E	178.00	5823.15	5823.15	12.09	78.18 N	36.23 E	.17
6000.00	2.50	N 90.00 E	175.00	5998.00	5998.00	19.01	78.24 N	43.48 E	.14
6093.00	3.00	N 82.00 E	93.00	6090.90	6090.90	23.18	78.55 N	47.93 E	.68
6192.00	2.50	S 85.00 E	99.00	6189.78	6189.78	27.68	78.68 N	52.67 E	.30
6378.00	3.00	N 87.00 E	186.00	6375.57	6375.57	36.26	78.52 N	61.58 E	.34
6550.00	3.00	N 89.00 E	172.00	6547.33	6547.33	44.78	78.83 N	70.58 E	.06
6655.00	3.00	N 85.00 E	105.00	6652.19	6652.19	49.95	79.12 N	76.07 E	.20
6776.00	3.00	S 87.00 E	121.00	6773.02	6773.02	55.98	79.23 N	82.39 E	.35
6835.00	3.00	S 85.00 E	59.00	6831.94	6831.94	58.99	79.02 N	85.47 E	.18
7061.00	3.00	S 86.00 E	226.00	7057.63	7057.63	70.54	78.09 N	97.27 E	.02
7275.00	3.00	N 83.00 E	214.00	7271.34	7271.34	81.16	78.38 N	108.44 E	.27
7472.00	3.25	S 89.00 E	197.00	7468.05	7468.05	91.26	78.94 N	119.16 E	.25
7705.00	3.25	N 87.00 E	233.00	7700.67	7700.67	103.83	79.17 N	132.36 E	.10

MEASURED DEPTH FEET	INCLINATION ANGLE DEG.	HOLE DIRECTION DEG.	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	SUBSEA DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR COORDINATES N/S	RECTANGULAR COORDINATES E/W	DOGLEG SEVERITY DG/100F
7870.00	3.25	S 86.00 E	[illegible].00	7865.41	7865.41	112.80	79.09 N	141.71 E	.24
7949.00	3.50	S 83.00 E	[illegible].00	7944.27	7944.27	117.36	78.65 N	146.34 E	.39
8075.00	3.50	S 83.00 E	[illegible]6.00	8070.03	8070.03	124.94	77.71 N	153.97 E	0.00
8293.00	3.50	S 78.00 E	[illegible]3.00	8287.63	8287.63	138.13	75.51 N	167.09 E	.14
8485.00	3.75	S 75.00 E	[illegible]2.00	8479.24	8479.24	150.25	72.68 N	178.89 E	.16
8700.00	4.00	S 77.00 E	[illegible]5.00	8693.75	8693.75	164.76	69.16 N	192.99 E	.13
8815.00	4.50	S 77.00 E	[illegible]5.00	8808.43	8808.43	173.26	67.25 N	201.29 E	.43
9041.00	4.00	S 76.00 E	[illegible]6.00	9033.81	9033.81	189.99	63.34 N	217.58 E	.22
9339.00	4.00	S 73.00 E	298.00	9331.09	9331.09	210.77	57.78 N	237.61 E	.07
9562.00	4.50	S 69.00 E	223.00	9553.47	9553.47	227.28	52.40 N	253.23 E	.26
9770.00	5.00	S 63.00 E	208.00	9760.76	9760.76	244.36	45.40 N	268.96 E	.34
10120.00	4.75	S 58.00 E	350.00	10109.49	10109.49	273.37	30.76 N	294.84 E	.14
10220.00	3.25	S 24.00 E	100.00	10209.24	10209.24	279.18	25.57 N	299.35 E	2.74
10237.00	2.75	S 35.00 E	17.00	10226.22	10226.22	279.83	24.80 N	299.79 E	4.47
10287.00	1.75	S 21.00 E	50.00	10276.18	10276.18	281.21	23.07 N	300.71 E	2.27
10303.00	1.75	S 13.00 E	16.00	10292.17	10292.17	281.48	22.60 N	300.85 E	1.53
10333.00	1.75	S 18.00 E	30.00	10322.16	10322.16	281.96	21.72 N	301.09 E	.51
10423.00	1.50	S 21.00 E	90.00	10412.12	10412.12	283.47	19.31 N	301.94 E	.25
10502.00	1.50	S 20.00 E	79.00	10491.10	10491.10	284.72	17.38 N	302.66 E	.03
10731.00	2.75	S 50.00 E	229.00	10719.94	10719.94	291.31	10.50 N	307.47 E	.71
10824.00	6.75	S 60.00 E	93.00	10812.60	10812.60	298.62	6.09 N	313.77 E	.38
10917.00	9.00	S 64.00 E	93.00	10904.71	10904.71	311.12	.11 N	325.02 E	2.49
11010.00	10.25	S 65.00 E	93.00	10996.40	10996.40	326.48	6.59 S	339.05 E	1.36
11103.00	12.25	S 68.00 E	93.00	11087.61	11087.61	344.50	13.82 S	355.69 E	2.24
11196.00	14.25	S 69.00 E	93.00	11178.13	11178.13	365.74	21.63 S	375.52 E	2.16
11226.00	14.75	S 69.00 E	30.00	11207.18	11207.18	373.23	24.32 S	382.53 E	1.67
11294.00	15.00	S 67.00 E	68.00	11272.90	11272.90	390.61	30.86 S	398.71 E	.84
11420.00	13.25	S 65.00 E	126.00	11395.08	11395.08	421.12	43.37 S	426.80 E	1.44
11561.00	13.00	S 55.00 E	141.00	11532.40	11532.40	452.25	59.36 S	454.49 E	1.62
11730.00	12.00	S 57.00 E	169.00	11697.39	11697.39	487.19	79.81 S	484.81 E	.64

MEASURED DEPTH FEET	INCLINATION ANGLE DEG.	HOLE DIRECTION DEG.	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	SUBSEA DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR COORDINATES N/S	RECTANGULAR COORDINATES E/W	DOGLEG SEVERIT DG/100F
11876.00	12.00	S 57.00 E	146.00	11840.20	11840.20	516.34	96.34 S	510.27 E	0.00
12053.00	10.50	S 48.00 E	177.00	12013.79	12013.79	548.61	117.34 S	537.64 E	1.30
12242.00	13.00	S 58.00 E	189.00	12198.82	12198.82	584.68	140.47 S	568.34 E	1.70
12437.00	17.50	S 64.00 E	195.00	12386.90	12386.90	634.78	165.32 S	613.17 E	2.44
12521.00	20.25	S 68.00 E	84.00	12466.38	12466.38	661.74	176.37 S	637.99 E	3.62
12634.00	19.50	S 70.00 E	113.00	12572.65	12572.65	700.05	190.14 S	673.85 E	.90
12737.00	19.25	S 70.00 E	103.00	12669.82	12669.82	734.16	201.83 S	705.96 E	.24
12793.00	19.25	S 63.00 E	56.00	12722.68	12722.68	752.49	209.19 S	722.88 E	4.12
12878.00	19.25	S 67.00 E	85.00	12802.93	12802.93	780.22	221.03 S	748.27 E	1.55
12924.00	19.00	S 65.00 E	46.00	12846.39	12846.39	795.17	227.16 S	762.04 E	1.52
13040.00	19.00	S 73.00 E	116.00	12956.07	12956.07	832.81	240.68 S	797.27 E	2.24



CONOCO
U.P.R.R. 33-1
SUMMIT CO., UTAH



CONOCO

WELL #
U. P. R. R. 33-1

LOCATION
SUMMIT CO. UTAH

DATE
7/23/83

JOB TYPE
GYRO/SINGLE SHOT

JOB #
GS-2129

SURVEYOR
BO FANT

DEPTHS
0'-14500'

DECL.
15 DEGREES EAST

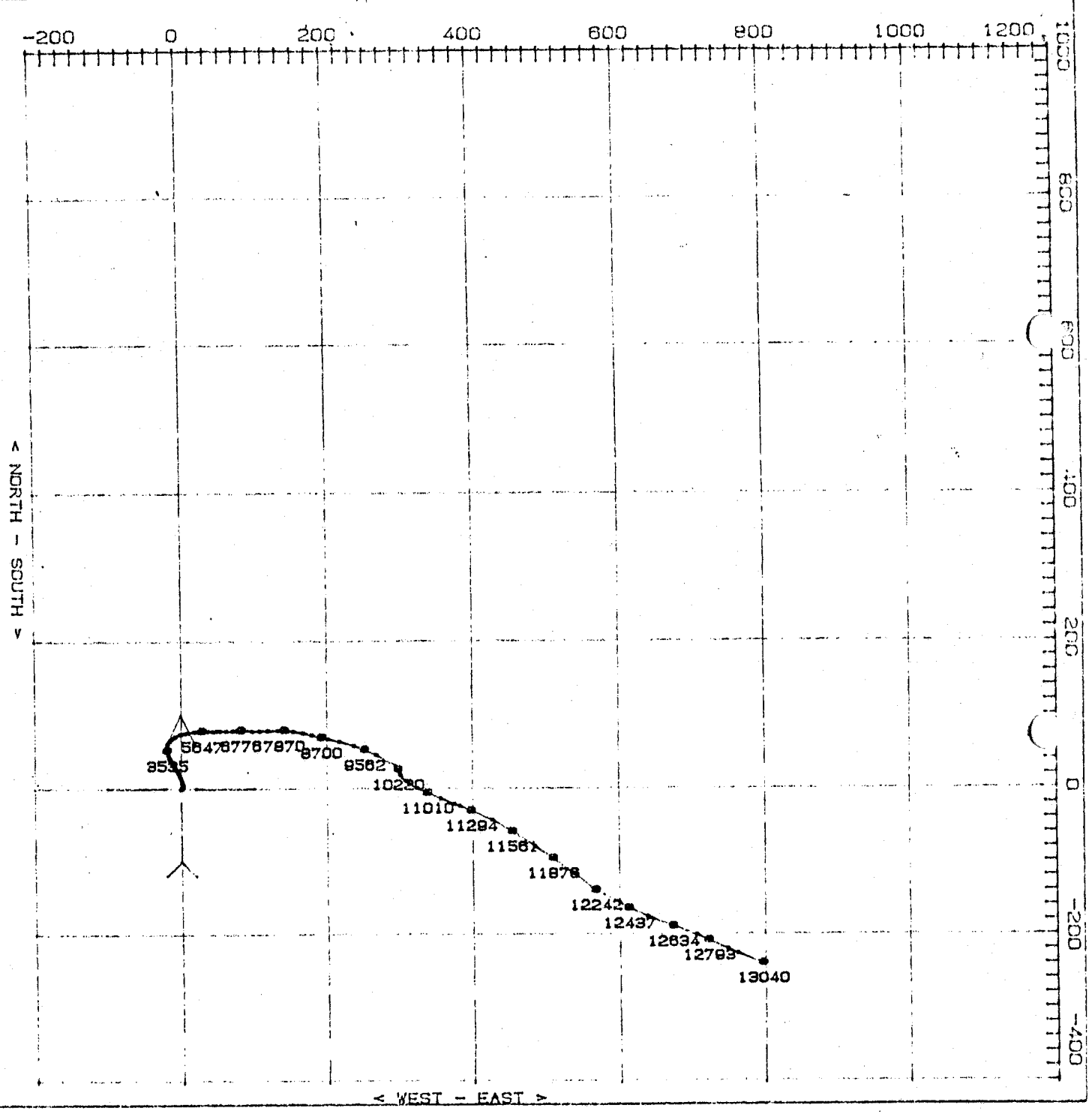
ELEV.
0

FILE #
RM-A7

****
FINAL STATION DATA:
MD. 13040
TVD. 12956.073
N/S -240.68
E/W 797.27

CLOSURE DIRECTION
S 73.2 E
CLOSURE DISTANCE
832.81

1 IN. = 200 FT.



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FINALS ON COMPLETED DRILLING WELLS

06/20/84

LODGEPOLE - Nugget - Summit County, UT. - .8000000 W.I.

UPRR 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Spudded: 07-08-83 Rig Released: 01-29-84 Completed: 03-01-84
API No.: 43-043-30233
TD: 13,047' PBTD: 11,859' Elevations: GL 7,485', KB 7,510', RB 25'

Perf'd Nugget formation with 4 JSPF as follows:

12,576'-12,610' (34' - 136 holes)
12,225'-12,236' (11' - 44 holes)
12,173'-12,215' (42' - 168 holes)
12,101'-12,125' (24' - 96 holes)
12,092'-12,096' (4' - 16 holes)
12,080'-12,086' (6' - 24 holes)
12,060'-12,074' (14' - 56 holes)

Perf'd Slide Rock formation (member of the Twin Creek Sand) as follows:

11,938'-11,960' (88 holes)
12,004'-12,015' (44 holes)

Perf'd Watton Canyon (member of Twin Creek Sand) with 2 JSPF as follows:

11,376'-11,382' (6' - 12 holes)
11,392'-11,420' (28' - 56 holes)
11,424'-11,444' (20' - 40 holes)
11,446'-11,478' (32' - 64 holes)
11,492'-11,524' (32' - 64 holes)

Treatment: Moved in completion unit 2/16/84. Ran in hole w/tubing to 12,887' KB. Pressure tested wellhead and BOP's. Pulled tubing to 10,182' and displaced hole with N_2. Pulled tubing and perf'd the Nugget formation w/540 holes in 135' of interval (shown above). Picked up BP and packer and ran in hole w/tubing. Set BP @ 12,708' and tested to 2,600#. Set packer @ 11,968' and swabbed well. Swabbed 1,300 bbls. slightly gas- cut water in 34 hours w/fluid level 1,800' from surface. No show of oil. Released packer and retrieved BP. Set BP @ 12,317' and pressure tested to 2,500#. Set packer @ 11,968' and resumed swab testing. Swabbed 230 bbls. of slightly gas-cut water in 7½ hours w/fluid level 2,000' from surface. No show of oil. Released packer and retrieved BP. Set BP @ 12,170' and pressure tested to 2,000#. Set packer @ 11,968' and resumed swab testing. Swabbed 260 bbls. slightly gas-cut water in 9 hours w/fluid level 1,800' from surface. Pulled tubing, BP and packer. Ran in hole w/cement retainer on tubing. Set retainer @ 12,016' KB and cement squeezed Nugget w/100 sacks. Pressure tested casing to 2,000#. Ran in hole w/tubing and swabbed casing down to 4,000' from surface. Pulled out of hole. Perf'd Slide Rock member w/132 holes in 33' of interval (shown above). Ran in hole w/packer on tubing and set @ 11,859'. Swabbed 465 BW in 29 hours w/fluid level @ 9,100'. No show of oil or gas. Pulled tubing and packer. Set CIBP @ 11,859' KB and swabbed casing down to 3,200' from surface. Pulled out of

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LODGEPOLE - Summit County, UT. - .8000000 Post Make-Up W.I.

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3397

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

06/02/84: TD 13,047'. Produced 771 BO and 9 BLW in 24 hours.

06/03/84: TD 13,047'. Produced 811 BO and 10 BLW in 24 hours. 309 LTR.

06/04/84: TD 13,047'. Produced 691 BO and 5 BLW in 20 hours. Down 4 hours, controller overloaded. Started well to pumping. 304 LTR.

06/05/84: TD 13,047'. Produced 43 BO and 0 BLW in 1½ hours. Down 22½ hours. Generator kicked overload switch on control panel. 304 BLTR.

06/06/84: TD 13,047'. Produced 368 BO and 4 BLW in 10 hours. Down 14 hours due to generator kicking overloading switch on control panel. 300 BLFTR.

06/07/84: TD 13,047'. Produced 806 BO and 3 BLW in 24 hours. 297 BLFTR.

06/08/84: TD 13,047'. Produced 405 BO and 3 BLW in 12 hours. Down 12 hours. Weather related problems with generator.

06/09/84: TD 13,047'. Produced 223 BO and 2 BLW in 6½ hours. Down 17½ hours - overload switch out on motor.

06/10/84: TD 13,047'. Produced 825 BO and 4 BLW in 26 hours. 288 BLFTR.

06/11/84: TD 13,047'. Produced 523 BO and 3 BLW in 16 hours. Down 6 hours - 3 hours for motor load switch and 3 hours for service generator and equipment. 285 BLFTR.

06/12/84: TD 13,047'. Produced 825 BO and 4 BLW in 24 hours. 281 BLFTR.

06/13/84: TD 13,047'. Produced 673 BO and 3 BLW in 20 hours. 4 hrs. down due to overload switch out on panel. 277 BLFTR.

06/14/84: TD 13,047'. Produced 680 BO and 4 BLW in 20 hours. Down 4 hrs. to work on regulator and gas system for generator. 273 BLFTR.

06/15/84: TD 13,047'. Produced 801 BO in 24 hours. 269 BLWTR.

06/16/84: TD 13,047'. Produced 738 BO and 3 BLW in 22 hours. Well down 2 hours for drip installation. 266 BLWTR.

06/17/84: TD 13,047'. Produced 804 BO and 4 BLW in 24 hours. 262 BLWTR. FINAL TEST

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3397

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

05/19/84: TD 13,047'. Recycled bad oil for 8 hours. Gauger checked all tanks. Sold oil. WO trucks to haul oil. Well SI for 24 hours.

05/20/84: TD 13,047'. WO trucks for 5 hours. Tried to start HVL pump. Pump would not start. Called Reda to check equipment. SI for 24 hours.

05/21/84: TD 13,047'. Started well pumping at 12 noon 5/20/84. Produced 709 BO and 23 BLW in 18 hrs. Well down 6 hrs. waiting on Reda to repair controller. 463 BLW to recover. Cost $643,000.

05/22/84: TD 13,047'. Well produced 391 BO, 8 BLW in 10 hrs. All production tanks full. Shut well in. Wait on trucks to haul crude. 455 BLW to recover. Cost: $647,518.

05/23/84: TD 13,047'. Well shut in for 24 hrs. No tank room and had control box problems. Called Reda to repair controller and set.

05/24/84: TD 13,047'. Produced 702 BO in 21 hours. Down 3 hours w/electrical control box problems. Estimated 20 BLW. 435 LTR.

05/25/84: TD 13,047'. Produced 723 BO and 16 BLW in 20 hours. Down 4 hours, oil tanks full.

05/26/84: TD 13,047'. Produced 142 BO and 16 BLW in 6 hours. Down 18 hours, generator failure.

05/27/84: TD 13,047'. Produced 811 BO and 22 BLW in 20 hours. Down 4 hours. Repaired generator and reprogrammed computer for HVL equipment.

05/28/84: TD 13,047'. Produced 587 BO and 12 BLW in 15½ hours. Down 8½ hours, generator down. 379 LTR.

05/29/84: TD 13,047'. Down 24 hours - no production. All stock tanks full.

05/30/84: TD 13,047'. WO trucks for 3 hours. Produced 796 BO and 17 BLW in 21 hours. 354 LTR.

05/31/84: TD 13,047'. Produced 797 BO and 16 BLW in 21 hours. 338 BLFTR.

06/01/84: TD 13,047'. Produced 811 BO and 10 BLW in 24 hours.

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LODGEPOLE - Summit County, UT. - .8000000 Post Make-Up W.I.

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3397

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

05/08/84: TD 13,047'. (addendum) TLWTR including annular volume 1,260 BW.

05/09/84: TD 13,047'. Well SI 15½ hours. Picked up Reda equipment. Started in hole. Set check valve 441' from pump and set bleeder valve 504' from pump. Ran in hole with 317 joints 2 7/8" tubing and 1-4' sub. Landed tubing in head with pump set @ 10,903' KB. Closed well in. SDON.

05/10/84: TD 13,047'. Completed hooking up wellhead. Installed power system. Turned on submersible pump @ 7:00 p.m. on 05/10/84. Well pumped for 35 minutes. Went down on control box problems. Initial BHP at start-up was 2,988# and BHT was 199°F. SDON.

05/11/84: TD 13,047'. WO Reda equipment to fix control box. Repaired control box. Started well to pumping @ 3:00 p.m. on 05-11-84. Pumping well.

05/12/84: TD 13,047'. Well pumped 105 BO and 328 BLW in 16 hours. 933 BLWTR.

05/13/84: TD 13,047'. Well pumped 410 BO and 272 BLW in 15 hours. Down due to generator failure. 661 BLWTR.

05/14/84: TD 13,047'. Well down 24 hours due to generator failure. Repaired generator. Put well to pumping @ 3:30 p.m. on 05-14-84. Starting BHP was 2,915 psig @ 10,093' KB.

05/15/84: TD 13,047'. Produced well for 16 hours. Made 502 BO and 45 BLW. 616 BLWTR. Bridge washed out because of high water. Will have to shut well in today. Unable to haul oil.

05/16/84: TD 13,047'. Produced well for 22 hours. Made 756 BO and 130 BLW. 486 BLTR. Down 2 hours for generator service. BHP @ 10,093' KB was 2,664#.

05/17/84: TD 13,047'. Bridge washed out on lease road. Well SI for 24 hours. All storage tanks full. Unable to truck out crude.

05/18/84: TD 13,047'. Well SI for 24 hours. Replaced bridge over Chalk Creek. Called gauger to check oil to sell.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3397

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

05/03/84: TD 13,047'. TP/CP-0#. Pulled 16 joints. Set packer @ 11,183'. Ran swab. Tagged fluid at 3,600' from surface. Pumped 195 bbls. 2% KCl water down casing. Pressured casing to 900#. Pressure held for 5 minutes. Resumed swabbing. Made 20 swab runs in 10 hours. Recovered 165 BF - 30% oil-cut on last 3 runs. Fluid level @ 2,400' from surface on last run. Swabbed from 5,000'. Averaged 16½ BPH. Estimated 30 BO recovered. 100+ BLWTR. SDON.

05/04/84: TD 13,047'. Well SI 12 hours. TP/CP-0#. Resumed swabbing. Tagged fluid @ 2,500' from surface. Made 19 swab runs in 11 hours. Fluid level @ 1,000' from surface. Last run 90% oil-cut. Swabbed 190 BF. 90 BO recovered. SDON.

05/05/84: TD 13,047'. Well SI 12 hours. TP/CP-0#. Pumped 30 bbls. 2% KCl water down tubing. Released packer. Pulled out of hole. Picked up reconditioned packer. Tripped in hole and landed packer @ 11,183' KB. Pumped 190 bbls. 2% KCl water down casing. Pressured casing to 600#. SDON.

05/06/84: TD 13,047'. Well SI 15 hours. Rigged up Halliburton. Pumped 10,000 gals. 15% HCl with additives. Held 500# on casing. Dropped 400 1.1 s.g. ball sealers. Maximum pressure 5,460#. Average pumping rate 9.5 BPM. Starting pressure 4,250#. Displaced tubing with 65 bbls. 2% KCl water. ISIP 3,350#, 5 minutes 2,300# and 10 minutes 1,430#. Rigged down Halliburton. Rigged up swab. Fluid level @ surface. Swabbed 153 BLW and spent acid in 11 hours. Made 19 swab runs. Fluid level @ 900' from surface. 150 BLWTR. SDON.

05/07/84: TD 13,047'. Well SI 10½ hours. Rigged up swab. Ran in hole with swab. Found fluid level @ 1,000' from surface. Swabbed 140 BLF in 11 hours. Fluid level during last hour @ 1,000' from surface. Fluid cut 90% water. 10 BLFTR.

05/08/84: TD 13,047'. Well SI 12 hours. TP-200#. Released pressure. Well died. Pumped 40 bbls. 2% KCl water down tubing. Released packer. Lowered packer through perforations. Pulled tubing and packer. Laid down packer. Changed out BOP. Preparing to run HVL equipment.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3397

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

04/27/84: TD 13,047'. SD work. WO sandline due to storm.

04/28/84: TD 13,047'. Rigged up Halliburton. Pressure tested lines to 5,000#. Set packer @ 11,546' KB with TP-0#. Pumped 200 bbls. 2% KCl water down casing. Could not catch pressure. Filled tubing with 17 bbls. 2% KCl water. Brokedown formation with 2 bbls. at 4,200# @ 1.75 BPM. Opened circulation port. Pumped 59½ bbls. 15% HCl and 4½ bbls. 2% KCl water. Closed circulation port. Pumped 15 bbls. 2% KCl water to catch pressure @ 1½ BPM. Pressured formation to 2,800#. Pressure broke to 0#. Pumped 66.85 bbls. flush total. Ending pressure 300# @ 4 BPM. ISIP-0#. Rigged up swab. Well on vacuum. Swabbed 117 BLW in 14 runs. Fluid level @ 3,300'. 13 BLWTR. SDON.

04/29/84: TD 13,047'. TP/CP-0#. Resumed swabbing. Swabbed 130 bbls. in 10½ hours. Fluid level @ 4,200'. 2.5% oil show on last 2 runs. SDON.

04/30/84: TD 13,047'. TP-350#, CP-150#. Resumed swabbing. Tagged fluid @ 1,800' from surface. Swabbed well for 12 hours. Recovered 185 BF. 4% to 90% oil shows on all swab runs. 40% oil on last 2 runs. Fluid level stayed @ 1,200' to 1,500' from surface. Estimated 60 bbls. total oil recovered. SDON.

05/01/84: TD 13,047'. Well SI 12 hours. TP-450#, CP-400#. Bled off pressure. Resumed swabbing. Tagged fluid @ 200' from surface. Swabbed 185 BF in 10 hours. Estimated 120 BO recovered. Average 18½ BFPH. Swabbed from 4,000' - 90% oil-cut on last 2 runs. Pumped 130 bbls. 2% KCl water down casing. Casing remained on vacuum. Suspected packer leak. Pumped 30 bbls. 2% KCl water down tubing. Released packer. Pulled 60 stands. SDON.

05/02/84: TD 13,047'. Well SI for 12 hours. Pulled remaining tubing. Picked up redressed packer. Tripped in hole with tubing and packer. Landed packer @ 11,546' KB. Ran in hole with swab. Tagged fluid @ 2,900'. Pumped 40 bbls. 2% KCl water down tubing. Tubing went on vacuum. Released packer. Picked up 5 joints of tubing. Set packer @ 11,650' KB. Pumped 20 bbls. 2% KCl water. Pressure tested packer and tubing to 1,800# - pressure held. Released packer. Pulled packer to 11,566'. Reset packer. Pumped 20 bbls. 2% KCl water. Pressure increased to 800# @ 2 BPM. Stop pumping. Tubing went on vacuum. Pumped 15 more bbls. 2% KCl water at 3/4 BPM @ 0#. Could not catch pressure. SDON.

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LODGEPOLE - Summit County, UT. - .8000000 Post Make-Up W.I.

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3397

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

04/21/84: TD 13,047'. Rigged Pride Well Service. Hot oiled tubing with 20 BO. Rigged up swab. Swabbed 20 BLO and 63 bbls. of new oil. Ran in hole with BHP gauge with Otis. Left well flowing for 3 hours. Shut well in for build-up.

04/22/84: TD 13,047'. Well SI for 7 hours on pressure build-up. Rigged down Otis. Opened well. Well died. Started to swab well. Swabbed 130 BO in 5½ hours. Left well flowing overnight. Made 134 BO in 14 hours. Total production by swabbing and flowing was 264 BO and 0 BW.

04/23/84: TD 13,047'. Flowed well for 24 hours. Made 236 BO and 0 BW with FTP-22#. Killed well with 66 bbls. of warm 2% KCl water. Removed wellhead. Installed BOP's. Released packer. Pulled tubing. Laid down packer. Rigged up Schlumberger. Perf'd Watton Canyon from 11,560'-11,594' with 2 JSPF. Rigged down Schlumberger. Picked up Baker packer and BP. Ran in hole with 50 stands of tubing. Closed well in. SDON.

04/24/84: TD 13,047'. Well dead. Ran in hole with tubing and tools. Tagged bottom at 11,836' KB. Pulled up 3 joints. Attempted to set BP. Plug would not set. Pulled tubing up 20 joints. Tried to set plug. Plug would not set. Pulled tubing and tools. Laid down tools to check. Closed well in. SDON.

04/24/84: TD 13,047'. Ran in hole with tubing, BP and packer. Set BP @ 11,710' KB. Pulled 1 joint and set packer. Tested plug with 1,000# - okay. Pulled tubing and packer up 157'. Set packer @ 11,546' KB. Rigged up swab. Could not get in hole because of paraffin. Cut paraffin with knife and sandline. Ran in hole with swab. Found fluid level @ 3,800' from surface. Swabbed well. Made 46 BLF in seven swab runs - no shows. Ran swab to 10,000' KB on 8th pull. Found fluid level @ 9,200'. Pulled swab. Line parted after pulling 400' of line out of hole. Left swab, sinker bars and 5,000' of sandline. Rigged up tubing tools. Started pulling tubing. No shows of oil or gas.

04/26/84: TD 13,047'. Well dead. Pulled 6,100' of tubing to top of fish. Picked up sandline and spool on drum. Pulled swab. Pulled remainder of tubing. Replaced packer. Ran in hole with tubing and packer. Ran to 11,546' KB. Left packer hanging in hole. Waited on sandline. Roads closed because of storm. Closed well in. SDON.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3397

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

04/08/84: TD 13,047'. Produced well for 24 hours. Made 268 BO and 0 BW with FTP-22#.

04/09/84: TD 13,047'. Produced well for 24 hours. Made 274 BO and 0 BW with FTP-22#.

04/10/84: TD 13,047'. Produced well for 24 hours. Made 284 BO and 0 BW with FTP-22#. Cut paraffin on well.

04/11/84: TD 13,047'. Well open to production. 0# tubing pressure. No production after cutting paraffin. Suspect plug in tubing. Moving in wire line tools to check for paraffin plug.

04/12/84: TD 13,047'. No production last 24 hours. TP-0#. Rigged up C.A. White wireline truck. Ran in hole with paraffin cutting tools. Hit paraffin bridges at 600', 1,200' and 1,400' from surface. Ran knife to 6,000'. Well would not flow. Rigged down wireline. Moving in Pride Well service company to swab well in.

04/13/84: TD 13,047'. Rigged up Pride Well Service. Swabbed 89 bbls. in 5 hours. Swabbing from 8,000'. Well started flowed after 2nd run. Produced 305 BO.

04/14/84: TD 13,047'. Produced 348 BO in 24 hours.

04/15/84: TD 13,047'. No report.

04/16/84: TD 13,047'. Produced 250 BO in 24 hours.

04/17/84: TD 13,047'. Produced 250 BO in 24 hours.

04/18/84: TD 13,047'. Produced 253 BO in 24 hours.

04/19/84: TD 13,047'. Flowed well for 24 hours. Produced 239 BO and 0 BW with FTP-22#.

04/20/84: TD 13,047'. Rigged up Otis wireline. Cut paraffin. Opened well. Well plugged. Would not flow. No production.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3397

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

03/27/84: TD 13,047'. Well SI for 4 hours to tie-in production treater. Produced well for 2 hours to fill production treater. Turned well into production tank for 9 hours. Made 122 BO, 0 BW and gas was not measured. Shut well in for 2 hours due to a valve failure. Repaired valve. Turned well on production.

03/28/84: TD 13,047'. Flowed well for 22 hours. Flowed 333 BO and 0 BW with FTP-22#. Well SI for 2 hours to cut paraffin and work on wellhead.

03/29/84: TD 13,047'. Produced well for 20 hours. Made 267 BO and 0 BW with FTP-22#. Shut well in for 4 hours to work on treater.

03/30/84: TD 13,047'. Produced well for 22 hours. Made 291 BO and 0 BW with FTP-22#. Shut well in for 2 hours to work on treater.

03/31/84: TD 13,047'. Produced well for 24 hours. Made 333 BO and 0 BW with FTP-22#.

04/01/84: TD 13,047'. Produced well for 24 hours. Made 312 BO and 0 BW with FTP-22#.

04/02/84: TD 13,047'. Produced well for 24 hours. Made 301 BO and 0 BW with FTP-22#.

04/03/84: TD 13,047'. Produced well for 24 hours. Made 281 BO and 0 BW with FTP-22#. Cut paraffin. Found hard, sticky paraffin down to 1,000' from surface. Lite accumulation down to 2,500'.

04/04/84: TD 13,047'. Produced well for 24 hours. Made 300 BO and 0 BW with FTP-22#.

04/05/84: TD 13,047'. Produced well for 24 hours. Made 297 BO and 0 BW with FTP-22#.

04/06/84: TD 13,047'. Produced well for 24 hours. Made 282 BO and 0 BW with FTP-22#.

04/07/84: TD 13,047'. Produced well for 24 hours. Made 278 BO and 0 BW with FTP-22#.

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LODGEPOLE - Summit County, UT. - .8000000 Post Make-Up W.I.

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3397

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

03/14/84: TD 13,047'. Flowed well for 24 hours. Well produced 380 BO, 0 BW and a gas rate of 122 MCFG with FTP-55#.

03/15/84: TD 13,047'. Flowed well for 24 hours. Well produced 359 BO, 0 BW and a gas rate of 114 MCFG with FTP-52#.

03/16/84: TD 13,047'. Flowed well for 24 hours. Well produced 345 BO, 0 BW and a gas rate of 106 MCFG with FTP-54#.

03/17/84: TD 13,047'. Flowed well for 24 hours. Well produced 338 BO, 0 BW and a gas rate of 101 MCFG with FTP-52#.

03/18/84: TD 13,047'. Flowed well for 24 hours. Well produced 338 BO, 0 BW and a gas rate of 100 MCFG with FTP-52#.

03/19/84: TD 13,047'. Flowed well for 24 hours. Well produced 331 BO, 0 BW and a gas rate of 100 MCFG with FTP-52#.

03/20/84: TD 13,047'. Flowed well for 23 hours. Well produced 317 BO, 0 BW and a gas rate of 103 MCFG with FTP-52#. Rigged up to cut paraffin. Found heavy paraffin buildup from surface to 1,000'. Had moderate to light accumulation from 1,000' to 2,500'. Ran knife to 3,000'. Rigged down paraffin cutters. Resumed flowing well.

03/21/84: TD 13,047'. Flowed well for 24 hours. Well produced 319 BO, 0 BW and a gas rate of 100 MCFG with FTP-52#.

03/22/84: TD 13,047'. Flowed well for 24 hours. Well produced 315 BO, 0 BW and a gas rate of 96 MCFG with FTP-50#.

03/23/84: TD 13,047'. Flowed well for 24 hours. Well produced 308 BO, 0 BW and a gas rate of 96 MCFG with FTP-56#.

03/24/84: TD 13,047'. Flowed well for 24 hours. Well produced 313 BO, 0 BW and a gas rate of 98 MCFG with FTP-48#.

03/25/84: TD 13,047'. Flowed well for 24 hours. Well produced 300 BO, 0 BW and a gas rate of 92 MCFG with FTP-50#.

03/26/84: TD 13,047'. Flowed well for 18 hours. Flowed 230 BO, 0 BW and 69 MCF of gas with FTP-50#. Shut well in to tie-in permanent tank battery.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3397

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

03/02/84: TD 13,047'. Flowed well for 3 hours. Flowing rate stabilized. Made 87 BO, 0 BW and a gas rate of 160 MCF/D. Shut well in for pressure buildup. Well SI for 22 hours. Pulled BHP element. Read pressures. Called Casper office. Waited on orders to open well to production. Rigged down wireline equipment. Preparing to flow well.

03/03/84: TD 13,047'. SIP-627#. Opened well through full choke. Flowed well for 22 hours. Made 452 BO, 0 BW and a gas rate of 140 MCF/D with FTP-50#.

03/04/84: TD 13,047'. Flowed well for 24 hours. Well produced 467 BO, 0 BW and a gas rate of 127 MCFG with FTP-75#.

03/05/84: TD 13,047'. Flowed well for 24 hours. Well produced 435 BO, 0 BW and a gas rate of 124 MCFG with FTP-70#.

03/06/84: TD 13,047'. Flowed well for 24 hours. Well produced 448 BO, 0 BW and a gas rate of 123 MCFG with FTP-70#.

03/07/84: TD 13,047'. Flowed well for 24 hours. Well produced 485 BO, 0 BW and a gas rate of 127 MCFG with FTP-70#.

03/08/84: TD 13,047'. Flowed well for 24 hours. Well produced 411 BO, 0 BW and a gas rate of 123 MCFG with FTP-70#.

03/09/84: TD 13,047'. Flowed well for 24 hours. Well produced 418 BO, 0 BW and a gas rate of 123 MCFG with FTP-65#.

03/10/84: TD 13,047'. Flowed well for 24 hours. Well produced 388 BO, 0 BW and a gas rate of 120 MCFG with FTP-60#.

03/11/84: TD 13,047'. Flowed well for 24 hours. Well produced 381 BO, 0 BW and a gas rate of 118 MCFG with FTP-60#.

03/12/84: TD 13,047'. Flowed well for 24 hours. Well produced 363 BO, 0 BW and a gas rate of 122 MCFG with FTP-56#.

03/13/84: TD 13,047'. Flowed well for 20 hours. Well produced 260 BO, 0 BW and a gas rate of 122 MCFG with FTP-56#. Flowed well intermittently for 5 hours at restricted flow while cutting paraffin. Paraffin build up heavy on first 1,000' from surface.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3397

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

02/26/84 (cont'd):

5 minutes 1,360#; 10 minutes 1,070#; 15 minutes 810# and 35 minutes on vacuum. Waited 1 hour. Rigged up swab. Ran in hole. Found fluid level @ 600' from surface. Swabbed 80 BLF in 3 hours with level at 3,600' from surface. Well began to kick and then flow. Flowed back load fluid and oil. Measured rate into tank. Flowed 20 BO in 1 hour with TP-45#. Did not measure gas. Closed well in. SDON.

02/27/84: TD 13,047'. TP-690#. Well SI for 17 hours. Hooked up test separator. Opened well to test unit through 24/64" choke. Well flowed 36 BO, 0 BW and 300 MCFD in 1½ hours. TP dropped to 145#. Well flowed 17 BO, 0 BW and 160 MCFD in the next 3 hours. TP dropped to 125#. Well flowed 16 BO, 0 BW and 145 MCFD in the next 3 hours. Recovered a total of 139 BO and 0 BW in 7½ hours. Left well flowing through test unit overnight.

02/27/84: TD 13,047'. Well flowed 17 BOPH (correction), 0 BW and 160 MCFD in the next 3 hours. TP dropped to 125#. Well flowed 16 BOPH (correction), 0 BW and 145 MCFD in the next 3 hours.

02/28/84: TD 13,047'. Flowed well through test unit for 24 hours. Well produced 16.7 BOPH and 0 BW in the first 13 hours. Measured gas rate of 135 MCFD with FTP-125# through 24/64" choke. Opened choke to full choke (1"). Tested well for next 11 hours through open choke. Well produced 17.8 BOPH and 0 BW. Measured gas rate of 160 MCFD with FTP-68#. Produced a total of 413 BO and 0 BW for 24 hours. Oil gravity 46.5° API @ 60°F. Testing well.

02/29/84: TD 13,047'. Well flowed 205 BO and 0 BW in 12 hours. Gas rate of 159 MCFPD with FTP-55#. Shut well in. Loaded tubing with 58 bbls. 2% KCl water. Released packer. Raised tubing and packer to 11,278' KB. Reset packer and landed tubing in head. Removed BOP. Installed Christmas Tree. Rigged up swab. Swabbed back load fluid until well began to flow. Flowed well through test separator for 2 hours. Flowed 43 BO and 0 BW with gas rate of 163 MCFPD. FTP 75-80#. Flowing well overnight.

03/01/84: TD 13,047'. Flowed well for 13 hours. Made 228 BO and 0 BW. Gas rate of 159 MCF/D. Shut well in. Rigged down and moved off workover unit. Rigged up wireline equipment. Ran in hole with BHP gauge. Ran to 11,200' KB. SITP-725#. Open well. Flowing well to stabilize rate prior to shut in and begin pressure build up.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3397

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

02/22/84: TD 13,047'. Well SI 13 hours. TP/CP=0#. Ran in hole with swab. Found fluid level @ 1,700' from surface. Swabbed a total of 145 BW in 7 hours. No show of oil or gas. Last 2 hours, swabbing rate of 10 BWPH with fluid level @ 9,100'. Filled tubing with 2% KCl water. Released packer. Pulled tubing. Preparing to run CIBP over existing perfs.

02/23/84: TD 13,047'. Pulled tubing. Picked up Baker CIBP and ran in hole on tubing. Ran to 11,859' KB and set BP. Rigged up swab. Swabbed hole down to 3,200' from surface. Pulled tubing. Laid down BP running tool. Rigged up Schlumberger. Ran in hole with bailer and 1 sack cement. Ran to 10,185' KB. Bailer would not go in hole. Stuck at 10,185' KB. Pulled on bailer. Pulled loose. Pulled bailer. Tool was empty. Picked up bit and scraper. Running in hole with tubing.

02/24/84: TD 13,047'. Rigged down Schlumberger. Picked up 4" bit and scraper. Ran in hole with tubing. Ran to 11,859' KB. Set down on tubing. Pulled tubing and scraper. Rigged up Schlumberger. Perf'd Watton Canyon member of Twin Creek formation with 2 JSPF at the following zones:

11,376'-11,382' KB - 6' for 12 holes
11,392'-11,420' KB - 28' for 56 holes
11,424'-11,444' KB - 20' for 40 holes
11,446'-11,478' KB - 32' for 64 holes
11,492'-11,524' KB - 32' for 64 holes

Perf'd 118' with 236 holes. Rigged down Schlumberger. Picked up Baker 5" Model "AE-1" retrievamatic packer. Starting in hole with tubing. SDON.

02/25/84: TD 13,047'. Ran in hole with tubing and packer. Set packer @ 11,290' KB. Filled casing with 125 bbls. 2% KCl water. Rigged up swab. Swabbed 37 BLF in 8 runs in 7 hours. Swabbed well dry. Last run had show of oil and gas. Closed well in. SDON.

02/26/84: TD 13,047'. TP/CP-0#. Well SI for 17 hours. Ran in hole with swab. Found fluid level @ 10,600' from surface. Recovered 3 BF. Nearly all oil. Rigged up Halliburton. Acidized well with 6,000 gals. 15% MCA acid with 24 gals. of Corrosion Inhibitor and 300# FE-2. Pumped acid at 3/4 BPM @ 3,140#. Pressure increased to 3,500#, broke back to 2,770#. Increased rate to 1 BPM with pressure increasing to 2,840#, then broke back to 900#. Maintained rate 1 BPM. Pumped in 143 bbls. acid. Displaced with 67 bbls. 2% KCl water. Pressure gradually increased to 1,840#. ISIP-1,700#;

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3397

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

02/17/84: Ran in hole with Baker CIBP. Ran to top of liner. Unable to get into liner. Pulled BP and checked. Reran BP, spud on liner top. Unable to get into liner. Pulled out of hole. Laid down Baker BP. Picked up Gearhart BP (3.71" OD). Ran in hole to top of liner. Spud on liner with BP for 30 minutes. Unable to get into liner. Pulled and check BP - okay. Reran to top of liner. Set down on liner. Dumped 130 bbls. 2% KCl water in annulus. Unable to push BP down liner. Pulled BP. Ran in hole with gauge ring (3.97" OD). Went into liner with no problems. Preparing to run cement retainer with tubing.

02/18/84: Picked up Baker cement retainer. Ran in hole with tubing. Had no trouble getting into liner. Ran retainer to 12,050' KB. Set retainer. Filled annulus. Pressure tested casing to 2,000# for 10 minutes - okay. Waited on Halliburton. Rigged up Halliburton. Tested lines. Pumped 22 BW to fill tubing. Pumped 200 BW at 4 BPM @ 1,000# to establish rate. Pumped 5 bbls. fresh water followed with 100 sacks cement with additives. Displaced with 69.7 BW. Pulled out of retainer. Reversed out with 77 bbls. 2% KCl water. Pressure tested casing and plug to 2,000# for 5 minutes - okay. Rigged down Halliburton.

02/19/84: Rigged up swab. Swabbed hole down to 4,000' from surface. Swabbed 600 BLW in 26 hours. Preparing to perf.

02/20/84: Ran in hole with carrier gun. Tagged retainer @ 12,016' KB. Plug 30' high. Pulled out of hole. Checked with Casper Office. Ran in hole and perf'd Slide Rock formation (member of the Twin Creek Sand) at the following intervals: 11,938'-11,960' KB with 88 holes and from 12,004'-12,015' KB with 44 holes. Net 33' feet and 132 holes. Rigged down Schlumberger. Picked up Baker "AE" retrievamatic packer and ran in hole with tubing. Ran to 11,859' KB and set packer. Filled annulus and pressured up to 1,000#. Rigged up swab. Ran in hole. Found fluid level 1,600' from surface. Swabbed 150 BW in 11 hours. No show of gas or oil. Water slightly dirty with drilling mud. Fluid level at evening was 7,800' from surface. Pulling swab from 10,700' KB. SDON.

02/21/84: TD 13,047'. Well SI 13 hours. TP/CP=0#. Ran in hole with swab. Found fluid level @ 1,670' from surface. Swabbed 170 bbls. slightly dirty water in 11 hours. No show of oil or gas. Last 3 hours averaged 11½ BWPH with swabbing level @ 8,300' from surface.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3397

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

02/11/84: TD 13,047'. Well SI for 12½ hours. TP-0#, CP-0#. Ran in hole with swab. Found fluid level @ 1,900' from surface. Swabbed 360 bbls. of gas cut water in 10 hours. No show of oil. Liquid level stayed @ 1,800' from surface during last hour of swabbing. SDON.

02/12/84: TD 13,047'. Well SI for 13 hours. TP-0#, CP-0#. Ran in hole with swab. Found fluid level @ 1,900' from surface. Swabbed 410 bbls. of gas cut water in 11 hours. No show of oil. Fluid level stayed @ 1,900' from surface while swabbing. Now pulling swab from 6,500' KB. SDON.

2-13-84: Well SI for 13 hrs. Ran in hole with swab. Found FL 1,800' from surface. Swabbed 460 bbls. gas cut water in 11 hrs. No show of oil. Swabbing FL at 1,800' from surface. Prep. to move BP. SDON.

2-14-84: Well SI for 13 hrs. TP 0#, CP 0#. Attempted to fill tubing. Well on vacuum. Released packer. Lowered tubing to bridge plug. Retrieved bridge plug. Pulled tools to 12,317' KB and set bridge plug. Pulled up on 1 jt. and set packer. Press. tested bridge plug to 2,500# for 10 min. Held okay. Moved packer to 11,968' KB and set. Resumed swabbing. Swabbed 150 bbls. of gas cut water in 5 hrs. No show of oil. Swabbing level at 2,000' from surface. SDON.

2-15-84: Well SI 13 hrs. Ran in hole with swab. Found FL at 1,800' from surface. Swabbed 80 bbls. slightly gas cut water in 2½ hrs. Released packer. Retrieved bridge plug. Moved bridge plug to 12,170' KB and set. Moved packer to 12,158' KB and set. Tested bridge plug to 2,000# for 10 min. Held okay. Moved packer to 11,968' KB and set. Resumed swabbing. Swabbed 100 bbls. slightly gas cut water in 3 hrs. Swabbing level at 1,700' from surface. No show of oil. Water had slight color of drilling mud. SDON.

02/16/84: Well SI 13 hrs. TP/CP=0#. Ran in hole with swab. Found fluid level @ 1,800' from surface. Swabbed 160 bbls., slightly gas-cut water in 6 hours. No show of oil. Released packer. Retrieved BP. Pulled tubing and tools. Rigged up Schlumberger. Preparing to set CIBP. SDON.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3397

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

02/03/84: TD 13,047'. Moved off drilling equipment. Cleaning location.

02/04/84: TD 13,047'. Cleaned location. Set and tested deadmen. Hauled gravel to location where workover unit will set.

02/05/84: TD 13,047'. SD for Sunday. Preparing to move in workover unit and equipment.

02/06/84: TD 13,047'. Moved in and rigged up completion rig. Installed BOP. Setting completion equipment. SDON.

02/07/84: TD 13,047'. Completed rigging up. Unloaded 410 joints 2 7/8" EUE tubing. Inspected threads and gripped 4' on each end. Tallied, picked up and singled in 408 joints. Ran to 12,887' KB. Loaded hole with 2% KCl water. Pressure tested BOP and wellhead to 1,000# for 10 minutes - okay. Preparing to displace fluid in hole.

02/08/84: TD 13,047'. Ran in hole with swab. Swabbed 480 bbls. load fluid. Rigged down swab. Pulled tubing with bottom of tubing @ 10,172' KB. Rigged up Halliburton. Displaced load fluid from well with N_2. Rigged down Halliburton. Blew N_2 down from well. Ran in hole with swab to 10,170'. Pulled swab - no recovery. Pulling tubing and preparing to perf.

02/09/84: TD 13,047'. Pulled tubing. Rigged up Schlumberger. Perf'd Nugget formation with 4 JSPF as follows:

12,576'-12,610' (34' - 136 holes)	12,092'-12,096' (4' - 16 holes)
12,225'-12,236' (11' - 44 holes)	12,080'-12,086' (6' - 24 holes)
12,173'-12,215' (42' - 168 holes)	12,060'-12,074' (14' - 56 holes)
12,101'-12,125' (24' - 96 holes)	

Perf'd 540 holes in 135' of pay. Rigged down Schlumberger. SDON.

02/10/84: TD 13,047'. Pumped 300 bbls. 2% KCl water down well. Picked up Baker Model "G" Loc-Set BP and Model "EA" retrievamatic packer. Ran in hole with tubing. Ran BP to 12,708' and set. Pulled packer to 12,654' KB and set. Filled tubing and pressure tested to 2,600# for ten minutes - okay. Pulled packer to 11,968' KB and set. Filled casing with 2% KCl water. Rigged up swab. Swabbed 70 bbl. load fluid in 2 hours. Recovered gassy water - no oil. Fluid level staying at 2,000' from surface on last hour of swabbing. SDON.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3397

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

01/24/84: Running in hole with 8½" bit and scraper and WOC. TD 13,047'. Nugget formation. 6½" hole. Ran in hole with 74 joints 5", 18#, P-110, FL-4S liner with shoe @ 13,028', collar @ 12,953' and top of liner @ 10,181'. Ran 20 centralizers. Washed liner from 12,997'-13,028'. Circulated. Cemented liner with 420 sacks 50:50 Poz Mix plus 2% Gel, 12½#/sack Gilsonite, ½% CFR-2 and .6% Halad-9. Had mud returns and 25 bbls. cement returns. Pumped 20 bbls. of 11ppg CS-2 spacer ahead of cement, lost returns for 15 minutes while mixing cement. Regained full returns while displacing cement. Pulled out of hole 2 stands. Reverse circulated cement out. Pulled out of hole. Laid down 100 joints of 5" Grade "E" drill pipe. Picked up 8½" bit and scraper. Now running in hole and WOC. LSND. MW 8.8#; Vis 72; WL - 7.8; Salinity 9,000. Cum. mud cost: $495,970. 0 - 200½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder/Jackson.

01/25/84: WOC. Ran in hole with drill pipe to 10,126'. Washed to 10,157'. Bit began taking weight. Cement still green. Pulled out 1 stand. WOC for 6 hours. Ran back in hole. Tagged @ 10,157'. Circulated down to 10,167' (10') with 4,000# on bit. Pulled up 1 stand. Circulating hole and WOC.

01/26/84: WOC 12 hours. Circulated hole. Ran in hole with drill pipe to 10,167' RB. Tagged cement. Cleaned out cement from 10,167'-10,181' RB, top of liner. Circulated bottoms up. Closed rams. Pressured tested to 950# for 10 minutes - held okay. Pulled out of hole with drill pipe. Laid down 8" bit, scraper, jars and drill collars. Picked up 4" bit, scraper, 16 joints of 3 1/8" drill collars, 99 joints 2 7/8" drill pipe. Tripped in hole. Ran to 12,949'. Tagged PBTD. Circulated bottoms up. Pulled out of hole. Preparing to run CBL.

01/27/84: Rigged up Schlumberger. Ran CBL/VDL/GR/CCL log from 12,936'-10,180' RB (top of liner). Rigged down loggers. Ran in hole with drill pipe. Circulated out drilling mud with 100 BW followed with 850 bbls. 2% KCl water. Laid down drill pipe. CBL showed good bonding across zones of suspected production. No cement bonding across 5½"-7 5/8" liner lap. Running log with 1,200# pressure on casing.

01/28/84: TD 13,047'. Laid down drill pipe. Removed stack. Installed wellhead.

01/29/84: TD 13,047'. Released rig at 8:00 p.m. on 01-29-84.

01/30-31/02/01/84: TD 13,047'. M.O.R.T

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LODGEPOLE - Summit County, UT. - .7476776 Post Make-Up W.I.

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

01/19/84: Drilling. Depth 13,018'. Made 56'. Nugget formation. 6½" hole. Finished pulling out of hole. Picked up new bit. Ran in hole to 12,868'. Washed and reamed from 12,868'-12,962'. Now drilling ahead. BGG-2, TG-9. Dev.: 19° S65E @ 12,924'. LSND. MW 9#; Vis 62; WL - 7.8; Salinity 10,200. Cum. mud cost: $490,500. 0 - 195½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

01/20/84: Logging. TD 13,047'. Made 29'. Nugget formation. 6½" hole. Drilled to 13,047'. Circulated. Pulled out of hole. Laid down BHA. Rigged up loggers. Ran DLL/SP/GR from 13,029'-10,717'. Hole tight @ 11,554'. Now preparing to run LDT/CNL/Caliper. No shows. LSND. MW 8.8#; Vis 62; WL - 7.8; Salinity 10,200. Cum. mud cost: $491,500. 0 - 196½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

01/21/84: WO logging truck. TD 13,047'. Nugget formation. 6½" hole. Ran LDT/CNL/GR/NGT/Caliper from 13,027'-10,717'. Ran LSS/GR from 13,027'-10,717'. Ran Dipmeter/HDT/FIL from 13,027'-10,717'. Schlumberger logging truck broke down. Now WO new logging truck to run VSP. LSND. MW 8.8#; Vis 62; WL - 7.8; Salinity 10,200. Cum. mud cost: $492,500. 0 - 197½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

01/22/84: Logging. TD 13,047'. Nugget formation. 6½" hole. WO Schlumberger. Now running VSP log. LSND. MW 8.8#; Vis 62; WL - 7.8; Salinity 10,200. Cum. mud cost: $493,500. 0 - 198½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

01/23/84: Running in hole with 5" liner. TD 13,047'. Nugget formation. 6½" hole. Finished running VSP log. Rigged down Schlumberger. Picked up bit and BHA. Ran in hole. Circulated. Surveyed. Pulled out of hole. Now running 5" liner. Dev.: 19° S73E @ 13,040'. LSND. MW 8.8#; Vis 72; WL - 7.8; Salinity 9,000. Cum. mud cost: $495,970. 0 - 199½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

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LODGEPOLE - Summit County, UT. - .7476776 Post Make-Up W.I.

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

01/13/84: Pulling out of hole. Depth 12,660'. Made 124'. Nugget formation. 6½" hole. Drilled to 12,660'. Surveyed. Now pulling out of hole.

Show: 12,614'-12,629'- yellow fluorescence, slow yellow milky cut, trace of black residue oil. BGG-23.

LSND. MW 8.7#; Vis 60; WL - 9; Chlorides 10,500. Cum. mud cost: $474,971. 0 - 189½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

01/14/84: Drilling. Depth 12,728'. Made 68'. Nugget formation. 6½" hole. Pulled out of hole. Changed bits. Ran in hole. Now drilling ahead. Lost 400 bbls. mud in 24 hours. TG-4, BGG-3/4. No shows. Dev.: 19½° S70E @ 12,634'. LSND. MW 8.7#; Vis 62; WL - 8; Chlorides 12,200. Cum. mud cost: $479,103. 0 - 190½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

01/15/84: Drilling. Depth 12,800'. Made 72'. Nugget formation. 6½" hole. Drilling and surveying ahead. Lost 100 bbls. mud in last 24 hours. BGG-8/12. No shows. Dev.: 19¼° S70E @ 12,737'. LSND. MW 8.7#; Vis 80; WL - 8.4; Chlorides 13,000. Cum. mud cost: $482,994. 0 - 191½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

01/16/84: Running in hole. Depth 12,835'. Made 35'. Nugget formation. 6½" hole. Drilled to 12,835'. Surveyed. Pulled out of hole. Changed bit and BHA. Inspected BHA. Ran in hole. Circulated. Now running in hole. BGG-4/6. No shows. Dev.: 19¼° S63E @ 12,793'. LSND. MW 8.7#; Vis 70; WL - 8.4; Chlorides 13,600. Cum. mud cost: $484,194. 0 - 192½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

01/17/84: Surveying. Depth 12,908'. Made 73'. Nugget formation. 6½" hole. Finished tripping in hole. Washed and reamed from 12,730'-12,835'. Drilled to 12,908'. Now running survey. LSND. MW 8.8#; Vis 54; WL - 8; Chlorides 12,000. Cum. mud cost: $486,023. 0 - 193½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

01/18/84: Pulling out of hole. Depth 12,962'. Made 54'. Nugget formation. 6½" hole. Finished running survey. Drilled to 12,962'. Surveyed. Now pulling out of hole. Dev.: 19¼° S67E @ 12,878'. BGG-4. LSND. MW 8.8#; Vis 60; WL - 7.8; Chlorides 11,800. Cum. mud cost: $488,340. 0 - 194½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

01/08/84: (cont'd)

Dev.: 13° S58E @ 12,242'. LSND. MW 8.8#; Vis 58; WL - 9.2; Chlorides 9,500. Cum. mud cost: $462,928. 0 - 184½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

01/09/84: Drilling. Depth 12,371'. Made 46'. Nugget formation. 6½" hole. Drilled to 12,336'. Pumped pill and pulled out of hole. Picked up new bit and ran in hole. Reamed 96' to bottom. Now drilling ahead with 95% returns. Lost 150 bbls. mud last 24 hours. BGG-10, TG-22. LSND. MW 8.7#; Vis 65; WL - 9.6; Chlorides 10,200. Cum. mud cost: $465,292. 0 - 185½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

01/10/84: Pulling out of hole. Depth 12,451'. Made 80'. Nugget formation. 6½" hole. Drilled to 12,451'. Circulated and surveyed. Now pulling out of hole. BGG-10.

Show: 12,406'-12,410'. BGG-10/12/10. Sandstone - F. grained, very spotty yellow fluorescence with very slow diffused milky cut.

LSND. MW 8.8#; Vis 67; WL - 8; Chlorides 11,000. Cum. mud cost: $467,932. 0 - 186½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

01/11/84: Drilling. Depth 12,495'. Made 44'. Nugget formation. 6½" hole. Pulled out of hole. Picked up new bit. Tripped in hole. SC/DL. Finished tripped in hole. Surveyed. Now drilling ahead. BGG-8, TG-14.

Show: 12,468'-12,472'. BGG-8/11/8.

Dev.: 17½° S64E @ 12,437'. LSND. MW 8.8#; Vis 68; WL - 9.6; Chlorides 9,800. Cum. mud cost: $469,440. 0 - 187½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

01/12/84: Drilling. Depth 12,536'. Made 41'. Nugget formation. 6½" hole. Drilled to 12,497'. Torque increased. Surveyed. Pulled out of hole. Changed bit and BHA. Ran in hole. Now drilling ahead. Lost 150 bbls. mud last 24 hours. No shows. BGG-3, TG-10. Dev.: 20¼° S68E @ 12,521'. LSND. MW 8.8#; Vis 63; WL - 9.6; Chlorides 10,200. Cum. mud cost: $471,677. 0 - 188½ - 0. Dixilyn Field #38. Drilling Foreman: Green/Ryder.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

01/06/84: (Cont'd)
Tops: Gypsum Springs @ 12,028', Nugget @ 12,078'.
Shows: 12,023'-12,028'; 9-7-6 min/ft, BGG-10/28/10. Limestone fractures with trace residual oil in fractures. Yellow flourescence with slight milky cut.
12,078'-12,083'; 10-2½-6 min/ft, BGG 10-21-10. Sandstone with black oil stain. Bright yellow gold oil stain. Good streaming yellow gold cut.
12,091'-12,092'; 6-4½-7 min/ft, BGG 10-16-10. Sandstone with fair streaming yellow gold cut.

Dev.: 10½° S48E @ 12,053. LSND. MW 8.7#; Vis 65; WL - 7.2; Chlorides 8,300. Cum. mud cost: $460,336. 0 - 182½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

01/07/84: Drilling. Depth 12,214'. Made 92'. Nugget formation. 6½" hole. Finished pulling out of hole. Picked up new bit. Changed BHA. Tripped in hole. Reamed from 11,923'-12,122'. Drilled to 12,164'. Lost 75 bbls. mud. Now drilling ahead. Still losing some mud. BGG-6, TG-14.

Shows: 12,139'-12,140', BGG-6/10/6. No fluorescence. Slow bleeding milky cut.

12,164'-12,166', BGG-6/14/6. Dull yellow fluorescence slow milky cut.

LSND. MW 8.7#; Vis 67; WL - ; Chlorides 8,000. Cum. mud cost: $460,710. 0 - 183½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

01/08/84: Drilling. Depth 12,325'. Made 111'. Nugget formation. 6½" hole. Drilled to 12,300'. Lost returns. Mixed and pumped 50 bbls. LCM pill. Pulled out of hole to casing shoe. Observed well for 2 hours. No loss of mud. Lost a total of 130 bbls. mud. Ran in hole. Now drilling and surveying ahead. BGG-10, CG-12.

Shows: 12,208'-12,211', BGG-10/25/10.
12,216'-12,218', BGG-10/21/10.
12,245'-12,246', BGG-10/12/10.

Sandstone, very fine to medium grained. Trace residual oil staining, yellow fluorescence, fair milky cut.

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Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

01/01/84: Drilling. Depth 11,627'. Made 77'. Twin Creek formation. 6½" hole. Drilled to 11,576'. Surveyed. Pulled out of hole. Tight spot @ 10,632' (pipe measurement). Pulled out of hole. Changed bits. Picked up KSW. Ran in hole. 10,000# drag going through tight spot. Now drilling ahead. BGG-3, TG-46. Dev.: 13° S55E @ 11,561'. LSND. MW 8.8#; Vis 63; WL - 8.0; Chlorides 6,500. Cum. mud cost: $452,513. 0 - 177½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

01/02/84: Drilling. Depth 11,747'. Made 120'. Twin Creek (Rich) formation. 6½" hole. Drilling and surveying ahead. BGG-2/4, CG-4. Dev.: 12° S57E @ 11,730'. LSND. MW 8.7#; Vis 58; WL - 9.0; Chlorides 6,600. Cum. mud cost: $453,691. 0 - 178½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

01/03/84: Drilling. Depth 11,865'. Made 118'. Twin Creek formation. 6½" hole. Drilling ahead. BGG-2, CG-4. LSND. MW 8.7#; Vis 64; WL - 9; Chlorides 6,700. Cum. mud cost: $455,466. 0 - 179½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

01/04/84: Drilling. Depth 11,905'. Made 40'. Twin Creek (Rich) formation. 6½" hole. Drilled to 11,890'. Bit torquing. Surveyed. Pulled out of hole. Changed bit and BHA. Ran in hole. Inspected drill collars. Ran in hole. No problems in 7 5/8" liner. Now drilling ahead. BGG-20, TG-27. Dev.: 12° S57E @ 11,876'. LSND. MW 8.7#; Vis 64; WL - 8; Chlorides 7,000. Cum. mud cost: $457,346. 0 - 180½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

01/05/84: Drilling. Depth 12,018'. Made 113'. Twin Creek (Slide Rock) formation. 6½" hole. Now drilling ahead.

Tops: Slide Rock (member of Twin Creek) @ 11,953'
Show: 11,954'-11,955'; BGG-11/35/11

BGG-11. LSND. MW 8.8#; Vis 60; WL - 8; Chlorides 7,200. Cum. mud cost: $458,509. 0 - 181½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

01/06/84: Pulling out of hole. Depth 12,122'. Made 104'. Nugget formation. 6½" hole. Drilling and surveying to 12,122'. Bit torquing. Circulated and now pulling out of hole. BGG-10, CG-11.

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Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

12/28/83: Pulling out of hole to recover survey. Depth 11,259'. Made 79'. 6½" hole. Twin Creek formation. Drilled to 11,183'. Surveyed (misrun). Drilled to 11,259'. Dropped multishot survey. Surveyed to liner shoe @ 10,717'. Could not fish out survey tool. Now pulling out of hole to recover survey instrument. Top: Leads Creek @ 11,216'. BGG-3/4. Dev.: 2 3/4° S50E @ 10,731'; 6 3/4° S60E @ 10,824'; 9° S64E @ 10,917'; 10¼° S65E @ 11,010' 12¼° S68E @ 11,103' and 14¼° S69E @ 11,196'. LSND. MW 8.8#; Vis 55; WL - 8.4; Chlorides 7,000. Cum. mud cost: $445,687. 0 - 173½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

12/29/83: Drilling. Depth 11,314'. Made 55' in 11 hrs. Leads Creek formation. 6½" hole. Recovered multishot survey. Picked up bit. Ran in hole. Tight spot @ 10,653' in 7 5/8" liner. Took 50,000#'s weight to get through and pull back out. Pulled out of hole. New bit pinched. Changed bits. Laid down near bit reamer. Ran in hole. Tight @ 10,653'. Took 15,000#'s to run through. Ran in hole. Now drilling and surveying ahead. Dev.: 14 3/4° S69E @ 11,226'. LSND. MW 8.7#; Vis 61; WL - 8.4; Chlorides 7,000. Cum. mud cost: $446,432. 0 - 174½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

12/30/83: Drilling. Depth 11,415'. Made 101' in 20½ hrs. Leads Creek formation. 6½" hole. Drilling and surveying ahead. Short trip @ 11,378'. Short trip to tight spot in liner. Took 18,000#'s coming up and 12,000#'s going down. Ran in hole. Now drilling ahead. Dev.: 15° S67E @ 11,294'. LSND. MW 8.7#; Vis 62; WL - 8.0; Chlorides 7,000. Cum. mud cost: $448,796. 0 - 175½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

12/31/83: Drilling. Depth 11,550'. Made 135'. Twin Creek (Watton Canyon) formation. 6½" hole. Drilling and surveying ahead. BGG-6.

Shows: 11,400'-11,440'
11,487'-11,488'
11,506'-11,507'

BGG-18, black residue oil in fractures, slow milky white cut when crushed. Dev.: 13¼° S65E @ 11,420'. LSND. MW 8.7#; Vis 64; WL - 8.4; Chlorides 6,500. Cum. mud cost: $451,160. 0 - 176½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

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Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

12/22/83: Circulating. Depth 10,721'. Milled 4'. 6½" hole. Finished tripping in hole. Milled on junk from 10,717'-10,719'. Circulated and pulled out of hole. Recovered approximately 6# of steel. Picked up new mill. Tripped in hole. Milled on junk to 10,721'. Now circulating to pull out of hole. Gel Chem. MW 8.6#; Vis 36; WL - 12.2; Chlorides 7,000; Salinity 11,550. Cum. mud cost: $427,880. 0 - 167½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

12/23/83: Surveying. Depth 10,790'. Made 69'. 6½" hole. Twin Creek formation. Circulated and conditioned. Pulled out of hole. Picked up bit and monel. Tripped in hole (installed drill pipe rubbers on 3½" drill pipe). Drilled to 10,736'. Circulated. Ran leakoff to 10.5ppg. Drilled to 10,790'. Now running survey. BGG-3, TG-4. LSND. MW 8.6#; Vis 58; WL - 8.8; Chlorides 7,000; Salinity 11,550. Cum. mud cost: $434,851. 0 - 168½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

12/24/83: Tripping in hole. Depth 10,857'. Made 67'. 6½" hole. Twin Creek formation. Attempted to survey. Instrument would not go through jars. Drilled to 10,857'. Ran in hole with 1 5/16" survey tool. Parted wireline. Circulated and pulled out of hole. Recovered wireline. Picked up new bit and stabilization. Now tripping in hole. BGG-1/3. Dev.: 2¼° @ 10,857'. LSND. MW 8.6#; Vis 47; WL - 9.2. Cum. mud cost: $436,709. 0 - 169½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder/Green.

12/25/83: Drilling. Depth 10,975'. Made 118'. 6½" hole. Twin Creek formation. Finished tripping in hole. Now drilling ahead. BGG-3. LSND. MW 8.7#; Vis 48; WL - 9.4; Chlorides 7,000. Cum. mud cost: $437,967. 0 - 170½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

12/26/83: Drilling. Depth 11,105'. Made 130'. 6½" hole. Twin Creek formation. Drilling ahead. BGG-1/2. LSND. MW 8.7#; Vis 51; WL - 9.6; Chlorides 7,000. Cum. mud cost: $440,560. 0 - 171½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

12/27/83: Drilling. Depth 11,180'. Made 75'. 6½" hole. Twin Creek formation. Drilled to 11,164'. Circulated and pulled out of hole. Picked up new bit and 3-point reamers. Ran in hole. Now drilling ahead. BGG-4, TG-6. LSND. MW 8.7#; Vis 52; WL - 9.0; Chlorides 7,000. Cum. mud cost: $443,255. 0 - 172½ - 0. Dixilyn Field #38. Drilling Foreman: Green.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

12/17/83: (cont'd)
reversed out. Rigged down cementers and rigged up lay down machine. Now laying down 5" drill pipe. Saturated Salt. MW 15.4#; Vis 105; WL - 8; Chlorides 188,000; Salinity 305,000. Cum. mud cost: $420,923. 0 - 162½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

12/18/83: Picking up 3½" drill pipe. Depth 10,717'. 6½" hole. Twin Creek formation. Finished laying down 5" drill pipe. Ran in hole with BHA. Pulled out of hole and laid down same. Changed pipe rams to 3½". Rigged up and tested BOP. Rigged up 3½" handling equipment. Ran wear-bushing. Picked up bit and BHA. Now picking up 3½" drill pipe. Saturated Salt. MW 15.4#; Vis 105; WL - 8; Chlorides 188,000; Salinity 305,000. Cum. mud cost: $420,923. 0 - 163½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

12/19/83: Displacing mud. Depth 10,717'. Made 198' cement. 6½" hole. Finished picking up 3½" drill pipe. Tripped in hole. Tagged cement @ 10,124'. Drilled cement to top of liner @ 10,332'. Circulated. Tested casing to 1,000# - okay. Pulled out of hole. Changed bit. Tripped in hole to 5,000'. Displaced 15.4ppg mud with 8.6ppg fresh water mud. Ran in hole to 8,000'. Now displacing 15.4ppg mud. Fresh Water. MW 8.6#; Vis 34; WL - 14.6; Chlorides 3,500; Salinity 80. Cum. mud cost: $423,003. 0 - 164½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

12/20/83: Repairing drawworks motors. Depth 10,717'. Made 98' (cement). 6½" hole. Staged in hole to top of liner. Displaced 15.4ppg mud. Drilled float collar. Ran in hole 3 stands. Tagged cement @ 10,619'. Drilled cement and shoe to 10,717'. Found junk below shoe. Attempted to drill with no success. Circulated and conditioned mud. Pulled out of hole. Picked up mill and BHA. SC/DL. Tripped in hole and lost motor on draw-works. Now repairing same. Fresh Water. MW 8.7#; Vis 37; WL - 18.8; Chlorides 7,000; Salinity 11,550. Cum. mud cost: $425,258. 0 - 165½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

12/21/83: Running in hole with 6 1/8" mill. Depth 10,717'. 6½" hole. Finished repairing drawworks motor. Tripped in hole to top of liner. 6½" mill would not go into liner. Circulated. Pulled out of hole (mill over gage by 1/16"). Picked up 6 1/8" mill. Installed new drawworks motor. Now running in hole. Fresh Water. MW 8.7#; Vis 33; WL - 14.2; Chlorides 7,000; Salinity 11,550. Cum. mud cost: $425,740. 0 - 166½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

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Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

12/13/83: Under-reaming. Depth 10,717'/10,605'. 8½"/12¼" hole. Twin Creek formation. Washed and reamed with 8½" bit from 10,601'-10,717'. Pulled out of hole. Laid down 5 joints drill pipe. Picked up under-reamer #4. Ran in hole. Washed with under-reamer from 10,525'-10,595'. Now under-reaming @ 10,605'. Saturated Salt. MW 14.8#; Vis 62; WL - 8.0; Chlorides 190,000; Salinity 315,000. Cum. mud cost: $410,413. 0 - 158½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

12/14/83: Pulling out of hole. Depth 10,717'/10,679'. 8½"/12¼" hole. Twin Creek formation. Under-reamed to 10,628'. Checked for drag. Pipe partially stuck. Worked tight spot. Worked pipe free. Short trip to shoe. Reamed to bottom. Tight spots @ 10,588' and 10,591'. Under-reamed to 10,679'. Now pulling out of hole. Saturated Salt. MW 14.9#; Vis 65; WL - 8.4; Chlorides 190,000; Salinity 313,000. Cum. mud cost: $412,033. 0 - 159½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

12/15/83: Washing @ 10,668'. Depth 10,717'/10,679'. 8½"/12¼" hole. Twin Creek formation. Pulled out of hole with under-reamer #4. Lost cone and part of under-reamer arm in hole. Arm broke off at weld (4" x 3" x 1½" plus cone). Picked up under-reamer #5. Ran in hole to casing shoe @ 10,525'. Now washing and reaming with 10-15,000#'s to 10,668', while raising MW to 15.3ppg with 22% LCM. Saturated Salt. MW 15.3#; Vis 74; WL - 8; Chlorides 190,000; Salinity 315,000. Cum. mud cost: $417,207. 0 - 160½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

12/16/83: Reaming to bottom. Depth 10,717'/10,700'. 8½"/12¼" hole. Twin Creek formation. Under-reamed hole from 10,679'-10,700'. Pulled up into casing. Tight @ 10,620'-10,615'. Waited 4 hours before attempting to ream to bottom. Reamed each joint twice. Now reaming @ 10,635'. Saturated Salt. MW 15.4#; Vis 105; WL - 8; Chlorides 188,000; Salinity 305,000. Cum. mud cost: $420,923. 0 - 161½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

12/17/83: Pulling out of hole and laying down drill pipe. Depth 10,717'. 8½"/12¼" hole. Twin Creek formation. Finished reaming to 10,700'. Spotted 55 bbls. 17.2ppg mud across open-hole. Pulled out of hole. Rigged up and ran 9 joints 7 5/8", 39#, P-110, FL-4S liner with shoe @ 10,717', collar @ 10,672' and top of liner @ 10,322'. Circulated. Hung liner off. Tested lines and preflushed with 2,000 gals. 18% salt mud flush. Cemented with 250 sacks Class "H" plus 18% salt and .7% HR-5. Had mud returns and no cement returns. Stung out of liner. Pulled out of hole 3 stands and

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Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

12/08/83: Back reaming @ 10,550'. Depth 10,710'. Made 15'. 8½" hole. Twin Creek formation. Drilled to 10,710'. Circulated. Attempted to pull out of hole. Pulled 60'. Unable to pull anymore. Picked up kelly. Circulated, but could not pull. Back reamed from 10,666'-10,550'. Now back reaming into casing. Lost 50 bbls. mud in 24 hours. Saturated Salt. MW 14.7#; Vis 63; WL - 11.6; Chlorides 190,000; Salinity 315,000. Cum. mud cost: $403,352. 0 - 153½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

12/09/83: Pulling out of hole with 7 5/8" liner. Depth 10,717' (corrected). 8½" hole. Twin Creek formation. Finished back reaming from 10,550'-10,525'. Reamed back to bottom with zero weight. Circulated. Pulled out of hole to casing shoe - no drag. Ran in hole - no problems. Mixed and spotted 16.5ppg pill across open-hole. Pulled out of hole. Corrected TD to 10,717'. Pulled wear bushing. Ran in hole with 7 5/8" liner. Could not get in open-hole with liner. Picked up kelly, attempted to circulate down - no success. Circulated. Now pulling out of hole to pick up 8½" x 12¼" under-reamer. Saturated Salt. MW 14.7#; Vis 63; WL - 11.6; Chlorides 190,000; Salinity 300,000. Cum. mud cost: $403,854. 0 - 154½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

12/10/83: Running in hole with under-reamer. Depth 10,717'/10,540'. 8½"/12¼" hole. Twin Creek formation. Pulled out of hole with liner. Laid down 7 5/8" liner. Picked up 8½" x 12¼" under-reamer. Changed jars. Ran in hole to 10,525'. Under-reamed from 10,525'-10,540'. Pulled out of hole. Changed under-reamer cutters. Now running in hole. Saturated Salt. MW 14.8#; Vis 67; WL - 8; Chlorides 190,000; Salinity 305,000. Cum. mud cost: $405,320. 0 - 155½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

12/11/83: Running in hole with under-reamer. Depth 10,717'/10,587'. 8½"/12¼" hole. Twin Creek formation. Ran in hole. Under-reamed from 10,540'-10,587'. Pulled out of hole. Changed under-reamer. Now running in hole. Saturated Salt. MW 14.9#; Vis 65; WL 10.4; Chlorides 190,000; Salinity 305,000. Cum. mud cost: $406,986. 0 - 156½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

12/12/83: Reaming with 8½" bit @ 10,601'. Depth 10,717'/10,595'. 8½"/12¼" hole. Twin Creek formation. Ran in hole with under-reamer #3. Reamed to 10,595'. Circulated. Pulled out of hole. Picked up 8½" bit. Ran in hole. Now washing with 8½" bit @ 10,601'. Saturated Salt. MW 14.8#; Vis 62; WL - 8.0; Chlorides 192,000; Salinity 311,000. Cum. mud cost: $408,817. 0 - 157½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

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LODGEPOLE - Summit County, UT. - .7476776 Post Make-Up W.I.

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

12/03/83: Raising MW to 14.5#. Depth 10,615'. Made 21'. 8½" hole. Salt formation. Drilled to 10,607'. Reamed 10,545'-10,576'. Reamed tight hole to 10,607'. Drilled to 10,615'. Picked up to ream. Stuck pipe. Jarred free. Now reaming from 10,576'-10,607' and raising MW to 14.5#. BGG-1/2. Saturated Salt. MW 14.3; Vis 71; WL - 7.2; Chlorides 190,000; Salinity 313,500. Cum. mud cost: $385,546. 0 - 148½ - 0. Dixilyn Field #38. Drilling Foreman: Williams/Green.

12/04/83: Reaming and adding LCM. Depth 10,626'. Made 11'. 8½" hole. Circulated. Raised MW to 14.5#. Washed from 10,607'-10,615'. Drilled to 10,620'. Reamed from 10,576'-10,607'. Pulled out of hole. Changed bit. Ran in hole. Washed and reamed from 10,545'-10,620'. Lost 100 bbls. mud. Raised MW to 15.1# and added LCM. Drilled to 10,626'. Still slowly losing mud. Pulled out of hole to casing shoe. Now circulating and adding LCM. BGG-2. Saturated Salt. MW 15.1#; Vis 70; WL - 6.8; Chlorides 190,000; Salinity 313,500. Cum. mud cost: $388,760. 0 - 149½ - 0. Dixilyn Field #38. Drilling Foreman: Williams/Green.

12/05/83: Drilling. Depth 10,652'. Made 26'. 8½" hole. Washed and reamed from 10,545'-10,620' (losing 20 BMPH). Pumped LCM pill. Stuck pipe. Jarred free. Spotted 50 bbls, 20% LCM pill. Picked up into casing. Waited 1 hour. No longer losing mud. Washed to 10,626'. Slowed down mud pumps. Resumed drilling ahead with 98% returns. Drilled to 10,638'. 40,000#'s drag. Laid down 1 joint drill pipe. Reamed from 10,607'-10,636'. Now drilling at 10,652'. BGG-2. Saturated Salt. MW 14.8#; Vis 65; WL - 12; Chlorides 185,000; Salinity 310,200. Cum. mud cost: $394,087. 0 - 150½ - 0. Dixilyn Field #38. Drilling Foreman: Williams/Green.

12/06/83: Drilling. Depth 10,668'. Made 18'. 8½" hole. Salt formation. Drilled to 10,662'. Pulled out of hole. Changed bit. Ran in hole. Washed from 10,573'-10,663'. No fill or torque. Now drilling ahead. BGG-4, TG-8. Saturated Salt. MW 14.7#; Vis 70; WL - 14; Chlorides 185,000; Salinity 313,000. Cum. mud cost: $398,167. 0 - 151½ - 0. Dixilyn Field #38. Drilling Foreman: Green/Ryder.

12/07/83: Drilling. Depth 10,695'. Made 28'. 8½" hole. Twin Creek @ 10,680'. Drilling ahead. Saturated Salt. MW 14.8#; Vis 74; WL - 10; Chlorides 190,000; Salinity 315,000. Cum. mud cost: $401,139. 0 - 152½ - 0. Dixilyn Field #38. Drilling Foreman: Ryder.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

11/28/83: Drilling cement at 10,482'. Depth 10,525'. 8½" hole. Preuss formation. Picked up new bottom hole assembly. Ran in hole. Tagged cement at 10,247'. Now drilling cement at 10,482'. Salt. MW 10.5#; Vis 62; WL 10.6; Chlorides 95,000; Salinity 156,750. Cum. mud cost: $342,564. 0 - 143 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/29/83: Circ. and raising mud wt. Depth 10,557'. 8½" hole. Made 23' in 3 hrs. Formation: salt. Drilled cement to 10,525'. Due to incorrect pipe strap, actually drilled to 10,557'. Worked tight hole. Pulled out of hole to casing. Now circ. and cond. mud to 13.5 ppg. Salt sat. mud - Wt. 11.8; Vis. 55; WL 8.2 cc; chlorides 198,000; salinity 326,700. Cum. mud cost: $357,524. 0 - 144½ - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/30/83: Washing and reaming. Depth 10,552' (corrected). 8½" hole. Formation: salt. Finished weighting up to 13.5 ppg. Pulled out of hole and SLM. (Correct total depth to 10,552'). Picked up bit and tripped in hole to 10,474'. Now washing and reaming to bottom. Salt saturated. Wt 13.5; Vis 68; WL 8.0; chlorides 195,000; salinity 321,750. Cum. mud cost: $357,524. 0 - 145½ - 0. Dixilyn Field #38. Drilling Foreman: Williams.

12/1/83: Drilling. Depth 10,578'. Made 26' in 17½ hrs. 8½" hole. Salt formation. Washing and reaming from 10,525'-10,552'. Drilled to 10,576'. Picked up every 15 min. with no drag or fill. Pulled out of hole to casing. Circulated 1 hr. in casing. Washed to bottom with no fill or drag. Now drilling at 10,578'. BGG-1, TG-4. Salt saturated. Wt 13.5; Vis 74; WL 7.8; chlorides 190,000; salinity 313,750. Cum. mud cost: $375,502. 0 - 146½ - 0. Dixilyn Field #38. Drilling Foreman: Williams.

12/2/83: Raising mud weight. Depth 10,594'. Made 16' in 16 hrs. 8½" hole. Salt formation. Drilled to 10,590'. Pulled out of hole 1 jt. Washed and reamed from 10,545'-10,576'. Drilled to 10,594'. Reamed upper hole. Washed to bottom. Stuck pipe. Worked free. Now circulating @ 10,590'. Raising mud weight to 14.0 ppg. BGG-2. Salt saturated. Wt 13.9; Vis 72; WL 6.8; chlorides 190,000; salinity 313,500. Cum. mud cost: $378,346. 0 - 147½ - 0. Dixilyn Field #38. Drilling Foreman: Williams.

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LODGEPOLE - Summit County, UT. - .7476776 Post Make-Up W.I.

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

11/24/83: Pulling out of hole to run casing. Depth 10,525'. Made 22' in 12 hrs. 12¼" hole. Preuss formation. Drilled to 10,525'. Circulated. Surveyed. Circulated to run casing. Short trip. Circulated. Now pulling out of hole. Salt. MW 10.7#; Vis 69; WL 8.8; Chlorides 115,000; Salinity 189,750. Cum. mud cost: $340,559. 0 - 139 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/25/83: Cementing 9 5/8" casing. Depth 10,525'. 8 1/2" hole. Preuss formation. Pulling out of hole. Laid down bottom hole assembly. Ran in hole with 9 5/8" casing as follows:

No.Jts.	Footage	Wt.	Grade	Thrd.
44	1,808.97	47#	N-80	BTC
76	3,242.06	43.5#	N-80	BTC
50	2,112.74	47#	N-80	LTC
55	2,141,63	47#	P-110	LTC
31	1,233.14	53.5#	P-110	LTC
Cutoff	(13.54)			
Total:	10,525			

With shoe @ 10,525' and collar @ 10,484. Ran total of 12 centralizers. Circulated casing. Rigged up Halliburton. Now cementing casing. Salt. MW 10.7#; Vis 69; WL 8.8; Chlorides 115,000; Salinity 189,750. Cum. mud cost: $340,559. 0 - 140 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/26/83: Waiting on cement. Depth 10,525'. 8 1/2" hole. Pruess formation. Finished cementing 9 5/8" casing as follows: Cemented with 400 sacks lead slurry Class Lite plus 1/4 #/sx Flocele +.5% Halad 9 + .1% Halad 5 mixed at 13.7 ppg, and 150 sacks tail slurry Class "H" plus .5% CFR 2 + 1/4 #/sx Flocele + .4% Halad 9 mixed at 16.4 ppg. Had mud returns. No cement returns. Now waiting on cement. Cum. mud cost: $340,559. 0 - 141 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/27/83: Picking up bottom hole assembly. Depth 10,525'. 8½" hole. Preuss formation. Waited on cement. Nippled down blowout preventers. Cut casing & set slips. Nippled up blowout preventers. Tested well head to 3,900 psi. Tested blowout preventers and manifold to 5,000 psi, ok. Tested hydril to 2,500 psi, ok. Rigged up 10 lines. Now picking up drill collars. Cum. mud cost: $340,559. 0 - 142 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

11/19/83: Running in hole. Depth 10,369'. Made 13' in 14 hrs. 12¼" hole. Preuss formation. Drilled to 10,369'. Pulled out of hole. Picked up new bit. Now running in hole. Salt. MW - 10.7#; Vis 74; WL - 9.0; Chlorides 112,000; Salinity 184,800. Cum. mud cost: $325,507. 0 - 134 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/20/83: Drilling. Depth 10,408'. Made 39' in 23 hrs. 12¼" hole. Preuss formation. Washed and reamed 100' to bottom. Now drilling ahead. Salt. MW - 10.7#; Vis 66; WL - 9.6; Chlorides 115,000; Salinity 189,750. Cum. mud cost: $328,048. 0 - 135 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/21/83: Drilling. Depth 10,445'. Made 37' in 24 hrs. 12¼" hole. Preuss formation. Drilling ahead. Dev.: 1½° S21E @ 10,423'. Salt. MW 10.7#; Vis 58; WL - 9.0; Chlorides 115,000; Salinity 189,750. Cum. mud cost: $331,615. 0 - 136 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/22/83: Drilling. Depth 10,479'. Made 34' in 22½ hrs. 12¼" hole. Preuss formation. Drilling and surveying ahead. Dev.: 1½° S21E @ 10,423'. Salt. MW 10.7#; Vis 65; WL 9; Chlorides 114,000; Salinity 188,100. Cum. mud cost: $335,382. 0 - 137 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/23/83: Drilling. Depth 10,503'. Made 24' in 12 hrs. 12¼" hole. Preuss formation. Drilled to 10,401'. Pulled out of hole and strapped. (Made 5' downhole correction.) Picked up new bit and ran in hole. Broke circulation at 6,000'. Ran in hole. Washed 60' to bottom. Now drilling ahead. Salt. MW 10.7#; Vis 67; WL 9.0; Chlorides 110,000; Salinity 181,500. Cum. mud cost: $337,784. 0 - 138 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

11/15/83: Washing and reaming. Depth 10,287'. Made 9'. 12¼" hole. Preuss formation. Drilled with Baker motor to 10,287'. Pulled out of hole and laid down motor. Picked up new bit and BHA. Ran in hole to 10,262'. Reamed to 10,272'. Now washing and reaming. Salt. MW 10.8#; Vis 68; WL - 9; Chlorides 120,000; Salinity 198,000. Cum. mud cost: $307,619. 0 - 130 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/16/83: Drilling. Depth 10,318'. Made 31'. 12¼" hole. Preuss formation. Reamed from 10,272'-10,287'. Now drilling and surveying ahead. Dev.: 1 3/4° S21E @ 10,287'. Salt. MW 10.7#; Vis 64; WL - 9.2; Chlorides 120,000; Salinity 198,000. Cum. mud cost: $311,574. 0 - 131 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/17/83: Drilling. Depth 10,334'. Made 16'. 12¼" hole. Preuss formation. Drilled to 10,326'. Surveyed. Pulled out of hole. Inspected bottom hole assembly. Picked up new bottom hole assembly & bit. Ran in hole to 6,000'. Broke circulation. Finished running in hole. Washed & reamed 10,246' to bottom. Now drilling ahead. Dev.: 1 3/4° S13E @ 10,303'. Salt. MW 10.6#; Vis 36; WL - 9.6; Chlorides 117,000; Salinity 193,050. Cum. mud cost: $313,856. 0 - 132 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/18/83: Drilling. Depth 10,356'. Made 22'. 12¼" hole. Preuss formation. Drilling and surveying ahead. Dev.: 1 3/4° S18E @ 10,333'. Salt. MW 10.7#; Vis 67; WL - 9.8; Chlorides 100,000; Salinity 165,000. Cum. mud cost: $321,679. 0 - 133 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

11/08/83: Drilling with Navidril. Depth 10,240'. Made 30'. 12¼" hole. Preuss formation. Drilling with Navidril. Salt. MW 10.7#; Vis 59; WL - 9.8; Chlorides 115,000; Salinity 189,750. Cum. mud cost: $285,344. 0 - 123 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/09/83: Reaming with hole opener. Depth 10,245'. Made 5'. 12¼" hole. Preuss formation. Drilled with Navidril to 10,245'. Navidril quit drilling. Pulled out of hole. Picked up hole opener and reamer. Ran in hole. Now reaming @ 10,208'. Salt. MW 10.7#; Vis 64; WL - 9.6; Chlorides 118,000; Salinity 194,700. Cum. mud cost: $286,868. 0 - 124 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/10/83: Circulating for trip. Depth 10,245'. 12¼" hole. Preuss formation. Reamed from 10,208'-10,245'. Circulated. Surveyed. Now preparing to pull out of hole with hole opener. Dev.: 3¼° S24E @ 10,220'. Salt. MW 10.7#; Vis 60; WL - 9.6; Chlorides 122,000; Salinity 201,300. Cum. mud cost: $290,328. 0 - 125 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/11/83: Drilling with Bakerdril. Depth 10,246'. Made 1'. 12¼" hole. Preuss formation. Pulled out of hole. Laid down hole opener and 3 point reamer. Picked up Bakerdril and 2° bent sub. Welded on bit. Ran in hole. Circulated @ 6,000'. Ran in hole to 10,242'. Reamed to 10,245'. Drilled to 10,246'. Having problems keeping tool oriented. Salt. MW 10.5#; Vis 62; WL - 9.6; Chlorides 120,000; Salinity 198,000. Cum. mud cost: $291,422. 0 - 126 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/12/83: Drilling. Depth 10,258'. Made 12'. 12¼" hole. Preuss formation. Bakerdril quit drilling. Pulled out of hole. Bit showed metal damage. Laid down Baker motor. Picked up new BHA and junk sub. Ran in hole to 10,227'. Reamed to 10,247'. Washed junk on bottom. Now drilling ahead. Salt. MW 10.6#; Vis 60; WL - 9.8; Chlorides 120,000; Salinity 198,000. Cum. mud cost: $295,974. 0 - 127 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/13/83: Washing and reaming to bottom with Bakerdril. Depth 10,262'. Made 4'. 12¼" hole. Preuss formation. Drilled to 10,262'. Circulated. Attempted wireline survey. Circulation hose broke. Dropped survey. Pulled out of hole. Picked up Bakerdril and 2° bent sub. Ran in hole to 10,102'. Washed and reamed from 10,148'-10,250'. Now reaming to bottom. Dev.: 2 3/4° S35E @ 10,237'. Salt. MW 10.6#; Vis 72; WL - 9.6; Chlorides 120,000; Salinity 198,000. Cum. mud cost: $299,091. 0 - 128 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

11/03/83: W.O.C. Estimated depth 10,000' (PBTD). 12¼" hole. Finished laying down fishing tools. Picked up 500' of 2 7/8" tubing. Ran in hole. Broke circulation @ 6,000'. Ran in hole to 10,482'. Circulated. Rigged up Halliburton. Spotted 100 bbls. (600 sacks) cement plug (Class "H" plus .4% HR-5 @ 17.5 ppg). Finished spotting plug @ 5:30 p.m. on 11-02-83. Pulled out of hole. Laid down tubing. Picked up BHA and bit. Ran in hole to casing shoe. Now W.O.C. Salt. MW 10.7#; Vis 57; WL - 8; Chlorides 140,000; Salinity 231,000. Cum. mud cost: $278,696. 0 - 118 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Williams/Gaukel.

11/04/83: Drilling cement. Depth 10,161'. Made 88' (cement). 12¼" hole. Cement formation. W.O.C. Ran in hole to 6,000'. Circulated. Ran in hole to 9,857'. Washed and reamed to 10,073'. Tagged top of cement @ 10,073'. Drilled cement to 10,142'. Worked tight hole. Now drilling cement. Salt. MW 10.8#; Vis 60; WL - 7.2; Chlorides 130,000; Salinity 214,500. Cum. mud cost: $278,780. 0 - 119 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/05/83: Running in hole with bit. Depth 10,202'. Made 41' (cement). 12¼" hole. Drilled cement to 10,202'. Hole torquing last 30'. Circulated. Short trip, could not get to bottom. Reamed from 10,111'-10,142'. Pulled out of hole. Changed bits. Ran in hole. Broke circulation at 6,000'. Now running in hole. Salt. MW 10.8#; Vis 72; WL - 7.2; Chlorides 130,000; Salinity 214,500. Cum. mud cost: $279,607. 0 - 120 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/06/83: Running in hole with Navidril. Depth 10,202'. 12¼" hole. Ran in hole with bit. Washed and reamed from 10,111'-10,202'. Circulated. Pumped sweeps. Short trip. Circulated. Pumped sweeps. Pulled out of hole. Picked up sidetrack tools. Welded on diamond bit. Now running in hole. Salt. MW 10.6#; Vis 61; WL - 8; Chlorides 120,000; Salinity 198,000. Cum. mud cost: $281,618. 0 - 121 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

11/07/83: Drilling with Navidril. Depth 10,210'. Made 8'. 12¼" hole. Ran in hole to 10,032'. Washed and reamed to 10,202'. Circulated and cleaned hole. Now drilling ahead with Navidril. Salt. MW 10.7#; Vis 74; WL - 10; Chlorides 115,000; Salinity 189,750. Cum. mud cost: $283,484. 0 - 122 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

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LODGEPOLE - Summit County, UT. - .7476776 Post Make-Up W.I.

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

10/30/83: Jarring. Depth 10,604'. 12¼" hole. Salt formation. Jarred with high pH fresh water pill around BHA. Circulated out pill. Spotted 3rd high pH pill. Jarring. Circulated out pill. Lost 700# pump pressure. Now working pipe without circulating. No movement. Salt. MW 10.9#; Vis 53; WL - 8; Chlorides 153,000; Salinity 252,000. Cum. mud cost: $275,173. 0 - 114 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Williams.

10/31/83: Running in hole with jars and accelerator. Depth 10,604'. 12¼" hole. Jarred on fish. No movement. Ran free-point. Free @ 10,540'. Bottom 2 drill collars plugged. Ran spud bar. No progress. Backed off drill collars @ 10,538'. Left bit, bit sub and 2-8" drill collars in hole. Pulled out of hole. Inspected BHA. Laid down 1 drill collar with cracked pin and washed out jars. Picked up fishing tool assembly. Ran in hole to 6,000'. Broke circulation. Lost 100 bbls. mud. Regained circulation. Now running in hole. Salt. MW 10.9#; Vis 52; WL - 8.2; Chlorides 151,000; Salinity 249,000. Cum. mud cost: $276,121. 0 - 115 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Williams.

11/01/83: Free pointing. Depth 10,604'. 12¼" hole. Ran in hole with fishing tools. Washed from 10,488'-10,538'. Screwed into fish @ 10,538'. Could not circulate. Jarred on fish, no movement. Rigged up McCullough. Ran in hole with 8' bailer. Bailed from 10,540'-10,560'. Recovered silt and shale. Stopped making progress. Ran in hole with free-point. Free @ 10,540'. Now preparing to backoff. Lost 150 bbls. mud slowly during day. Salt. MW 10.9#; Vis 53; WL - 8; Chlorides 151,000; Salinity 249,000. Cum. mud cost: $276,121. 0 - 116 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Williams.

11/02/83: Laying down fishing tools. Depth 10,604'. 12¼" hole. Attempted to backoff @ 10,538', no success. Attempted 2nd shot @ 10,538', no success. Ran 3rd large shot, no success. Ran free-point. Pipe free @ 10,527'. Ran 4th backoff shot @ 10,506'. Backed off. Left bit, bit sub, 2 drill collars, screw in sub and 1 drill collar in hole. Circulated and build mud volume. Pulled out of hole. Now laying down fishing tools. Salt. MW 10.8#; Vis 59; WL - 7.6; Chlorides 140,000; Salinity 231,000. Cum. mud cost: $278,696. 0 - 117 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Williams.

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LODGEPOLE - Summit County, UT. - .7476776 Post Make-Up W.I.

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

10/25/83: Drilling. Depth 10,570'. Made 6'. 12¼" hole. Salt formation. Drilled to 10,565'. Pulled out of hole. Tight from 10,091' to 10,000'. Finished pulling out of hole. Visually inspected BHA. Tripped in hole with new bit. Broke circulation @ 6,015'. Finished tripping in hole. Washed and reamed from 10,469' to bottom. Now drilling ahead. Salt. MW 10.9#; Vis 48; WL - 9.8; Chlorides 150,000; Salinity 247,000. Cum. mud cost: $258,432. 0 - 109 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Williams.

10/26/83: Drilling. Depth 10,578'. Made 8'. 12¼" hole. Salt formation. Drilled to 10,574'. Pulled up to 10,570'. Stuck pipe. Worked free with 100,000#'s overpull. Pumped pill. Pulled out of hole. Changed bit and jars. Ran in hole. Washed from 10,515'-10,574'. Now drilling ahead. BGG-5/6, TG-10. Salt. MW 11.0#; Vis 52; WL - 10.0; Chlorides 148,000; Salinity 244,000. Cum. mud cost: $261,470. 0 - 110 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Williams.

10/27/83: Drilling. Depth 10,599'. Made 21'. 12¼" hole. Salt formation. Drilling ahead. BGG-3/4. Salt. MW 10.9#; Vis 53; WL - 10.0; Chlorides 153,000; Salinity 252,000. Cum. mud cost: $266,532. 0 - 111 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Williams.

10/28/83: Jarring on stuck pipe. Depth 10,604'. Made 5'. 12¼" hole. Salt formation. Washed and reamed from 10,530'-10,599'. Made connection. Drilled to 10,602'. Washed and reamed. Drilled to 10,604'. Picked up to 10,602'. Pipe stuck. Now jarring on stuck pipe with full circulation. BGG-1/2. Salt. MW 11.0#; Vis 58; WL - 9; Chlorides 168,000; Salinity 277,000. Cum. mud cost: $270,421. 0 - 112 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Williams.

10/29/83: Jarring. Depth 10,604'. Made 0'. 12¼" hole. Salt formation. Jarring. Spotted 13.5 pH fresh water pill across drill collars. Jarring. Circulated out pill. Spotted 2nd pill. Now jarring, no movement. BGG-1. Salt. MW 10.9#; Vis 55; WL - 8.6; Chlorides 162,000; Salinity 267,300. Cum. mud cost: $273,556. 0 - 113 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Williams.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

10/20/83: Drilling. Depth 10,489'. Made 43'. 12¼" hole. Pruess formation. Drilling and surveying ahead. BGG-1. Dev.: 3° S13W @ 10,450'. Salt. MW 10.2+#; Vis 44; WL 9.8; Chlorides 163,000; Salinity 268,950. Cum. mud cost: $228,272. 0 - 104 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/21/83: Running survey. Depth 10,527'. Made 38'. 12¼" hole. Pruess formation. Drilled to 10,527'. Circulated. Now running survey. BGG-2/3. Dev.: 3¼° S @ 10,512'. Salt. MW 10.3#; Vis 43; WL 9.8; Chlorides 160,000; Salinity 264,000. Cum. mud cost: $238,867. 0 - 105 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/22/83: Circulating and repairing No. 1 Engine. Depth 10,539'. Made 12'. 12¼" hole. Salt formation. Pulled out of hole. Inpsected BHA. Changed bit and BHA. Ran in hole. Circulated @ 6,000'. Ran in hole. Washed 60' to bottom. Drilled to 10,539'. No. 1 motor smoking badly. Pulled out of hole to 10,527'. Now circulating and repairing motor. BGG-4/8, TG-49. Salt. MW 10.3#; Vis 44; WL - 10.2; Chlorides 160,000; Salinity 264,000. Cum. mud cost: $239,418. 0 - 106 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel/Williams.

10/23/83: Circulating and weight up mud. Depth 10,548'. Made 10'. 12¼" hole. Salt formation. Finished repairing No. 1 motor. Washed and reamed Salt from 10,527'-10,534'. Excessive torque and fill. Increased MW to 10.4 ppg. Drilled to 10,548'. Picked up 10,543'. Stuck pipe. Worked free with 100,000#'s overpull. Picked up above Salt. Increased MW to 10.5 ppg. Washed to 10,539'. Excessive torque. Increased MW to 10.6 ppg. Washed to 10,540'. Excessive torque. Now increasing MW to 10.7 ppg. Salt. MW 10.6#; Vis 47; WL - 9.8; Chlorides 160,000; Salinity 264,000. Cum. mud cost: $246,781. 0 - 107 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Williams.

10/24/83: Drilling. Depth 10,564'. Made 16'. 12¼" hole. Salt formation. Finished weight-up to 10.7 ppg. Drilled to 10,551'. Picked up out of Salt. Had 50,000# drag. Ran in hole. Had 5' of fill. Weight up to 10.8 ppg. Drilled to 10,552'. Pulled above Salt. Had 15' of fill. Now drilling ahead. Salt. MW 10.9#; Vis 46; WL - 10; Chlorides 158,000; Salinity 255,000. Cum. mud cost: $256,364. 0 - 108 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Williams.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

10/13/83: Orienting tool for kickoff. Depth 10,297'. 12 1/4" hole. Circulated for short trip. Short trip 10 stands. Pulled out of hole. Picked up Navidril, monel and 2" bent sub. Ran in hole. Washed from 10,090'-10,297'. Now orienting tool. Salt. MW 9.5#; Vis 55; WL - 9.6; Chlorides 92,000. Cum. mud cost: $202,673. 0 - 97 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/14/83: Drilling with Navidril. Depth 10,325'. Made 28'. 12 1/4" hole. Oriented tool. Now drilling with Navidril to sidetrack. Salt. MW 9.7#; Vis 52; WL - 10; Chlorides 95,000. Cum. mud cost: $204,218. 0 - 98 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/15/83: Drilling with Dynadril. Depth 10,375'. Made 50'. 12 1/4" hole. Drilling ahead with Dynadril. Dev.: 2 3/4° S23E at 10,345'. Salt. MW 9.6#; Vis 50; WL - 10.4; Chlorides 90,000. Cum. mud cost: $205,856. 0 - 99 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/16/83: Reaming. Depth 10,377'. Made 2'. 12 1/4" hole. Pruess formation. Navidril to 10,377'. Pulled out of hole. Changed out BHA. Ran in hole with bullnose reamer. Reamed from 10,297'-10,362'. Salt. MW 9.6#; Vis 45; WL - 10. Chlorides 84,000. Cum. mud cost: $208,115. 0 - 100 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/17/83: Reaming. Depth 10,377'. 12 1/4" hole. Pruess formation. Reamed with bullnose hole opener to 10,365'. Lost 400# pump pressure. Pulled out of hole. Hole opener 1½" under gauge. One nozzle washed out. Redressed reamer. Ran in hole with bit. Reamed from 10,329'-10,375'. Salt. MW 9.6#; Vis 45; WL 9.2; Chlorides 83,000. Cum. mud cost: $211,035. 0 - 101 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/18/83: Drilling. Depth 10,400'. Made 23'. 12 1/4" hole. Pruess formation. Reamed to 10,377'. Drilled to 10,395'. Circulated and surveyed. Pulled out of hole. Redressed reamers. Ran in hole with new bit. Washed and reamed 60' to bottom. Now drilling ahead. Dev.: 3° S6E at 10,385'. Salt. MW 9.5#; Vis 46; WL 9.8; Chlorides 78,000. Cum. mud cost: $213,331. 0 - 102 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/19/83: Drilling. Depth 10,446'. Made 46'. 12¼" hole. Pruess formation. Drilling ahead. BGG-2/4, TG-16. Salt. MW 10.3#; Vis 42; WL 8.4; Chlorides 125,000; Salinity 255,750. Cum. mud cost: $217,705. 0 - 103 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

10/08/83: Working stuck pipe. Depth 10,556'. 12 1/4" hole. Salt formation. Worked stuck pipe. No significant progress in last 24 hours. LSND. MW 9.9#; Vis 43; WL - 16; Chlorides 110,000; Salinity 181,500. Cum. mud cost: $189,959. 0 - 92 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/09/83: Circulating and conditioning. Depth 10,556'. 12 1/4" hole. Jarred on stuck pipe. Spotted 20 bbls. of fresh water on bottom. Rigged up Dialog to run free-point survey. Free-point showed free at bottom of bottom collar. Attempted to backoff above string mill. No success. Second shot backed off at top of collars. Screwed back in. Ran free-point. Bottom collar still free. Tried third shot. No success. Circulating and conditioning hole, while waiting on primer cord. Salt. MW 9.8#; Vis 52; WL - 11.6; Chlorides 115,000. Cum. mud cost: $197,710. 0 - 93 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/10/83: Running in hole open-ended. Depth 10,556'. 12 1/4" hole. Circulated and conditioned. Spotted 30 bbls. diesel. Jarred on pipe. No movement. Ran free-point and backed off at 10,515' (left 1-8" drill collar, tapered mill and bit in hole). Pulled out of hole. Ran in hole with 400' tubing and drill pipe to set sidetrack plug. Salt. MW 9.8#; Vis 41; WL - 9.0; Chlorides 115,000; Salinity 189,000. Cum. mud cost: $199,524. 0 - 94 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/11/83: W.O.C. Depth 10,556'. PBTD 10,100'. 12 1/4" hole. Finished running in hole open-ended to 10,515'. Circulated and conditioned. Rigged up Halliburton. Spotted balanced 400 sack cement plug. Estimated top of cement @ 10,100'. W.O.C. and inspected BHA. Changed out jars. Ran in hole to 3,000' Now W.O.C. Salt. MW 9.8#; Vis 41; WL - 9.0; Chlorides 115,000; Salinity 189,000. Cum. mud cost: $199,524. 0 - 95 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/12/83: Circulating for short trip. Depth 10,297'. 12 1/4" hole. Finished W.O.C. Finished running in hole. Washed and reamed from 9,859'-10,173'. Tagged cement plug @ 10,173'. Drilled cement to 10,297'. Now circulating for short trip. Salt. MW 9.5#; Vis 52; WL - 9.8; Chlorides 100,000. Cum. mud cost: $201,102. 0 - 96 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

10/03/83: Circulating for logs. Depth 10,537'. Made 90'. 12 1/4" hole. Preuss formation. Drilled to 10,537'. Circulated up samples. Now circulating for logs. BGG-2/4. Top: Salt @ 10,532'. LSND. MW 8.7#; Vis 80; WL - 10.2; Chlorides 2,500. Cum. mud Cost: $156,037. 0 - 87 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/04/83: Logging. Depth 10,537'. 12 1/4" hole. Preuss formation. Circulated to log. Surveyed. Pulled out of hole. No correction on pipe strap. Rigged up Schlumberger. Ran DIL/Sonic/SP/GR/Caliper from 10,502' to surface. Now running Dipmeter/GR/Caliper from 10,450'.

Log Tops:				
	Dry Hollow	2,708'	Kelvin	5,300'
	Frontier	2,868'	Stump	8,900'
	Aspen	4,972'	Preuss	9,257'
	Bear River	5,209'		

Dev.: 4 3/4° S45E at 10,465'. LSND. MW 8.6#; Vis 50; WL - 8.8; Chlorides 1,300. Cum. mud cost: $169,633. 0 - 88 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/05/83: Washing and reaming. Depth 10,537'. 12 1/4" hole. Preuss formation. Finished running dipmeter to 3,000'. Rigged down loggers. Laid down 10" drill collars and stabilizers. Picked up 8" drill collars and jars. String to 12 lines. Inspected drill collars. Ran in hole to 6,000'. Circulated. Ran in hole to 10,317'. Hit bridge. Now washing and reaming to bottom. LSND. MW 8.9#; Vis 42; WL - 9.2; Chlorides 1,400. Cum. mud cost: $169,633. 0 - 89 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/06/83: Washing and reaming. Depth 10,551'. Made 14'. 12 1/4" hole. Salt formation. Washed to bottom. Drilled to 10,551'. Pipe stuck. Worked pipe free. Pulled out of hole. Changed jars. Picked up near bit tapered mill and new bit. Ran in hole. Now washing and reaming to bottom. BGG-1/2, TG-4. LSND. MW 8.7#; Vis 61; WL - 9.6; Chlorides 5,700. Cum. mud cost: $173,138. 0 - 90 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/07/83: Working stuck pipe. Depth 10,556'. Made 5'. 12 1/4" hole. Salt formation. Finished reaming to bottom. Drilled to 10,553'. Made connection. Drilled 3' to 10,556'. Picked up and back reamed. Hole fell in. Now working stuck pipe. Progress 1½' in 21 hours. LSND. MW 9.1#; Vis 90; WL - 11.2; Chlorides 38,000. Cum. mud cost: $175,838. 0 - 91 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

09/27/83: Running in hole. Depth 10,207'. Made 29'. 12 1/4" hole. Preuss formation. Drilled to 10,207'. Surveyed. Pulled out of hole. Changed bits. Now running in hole. BGG-1. Dev.: 4 3/4° S58E at 10,120'. LSND. MW 8.8#; Vis 49; WL - 8.6; Chlorides 400. Cum. mud cost: $156,072. 0 - 81 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino/Gaukel.

09/28/83: Drilling. Depth 10,272'. Made 65'. 12 1/4" hole. Preuss formation. Ran in hole. Circulated. Washed 120' to bottom. Now drilling ahead. BGG-2. LSND. MW 8.8#; Vis 59; WL - 9.8; Chlorides 400. Cum. mud cost: $157,002. 0 - 82 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino/Gaukel.

09/29/83: Drilling. Depth 10,335'. Made 63'. 12 1/4" hole. Preuss formation. Drilling ahead. LSND. MW 8.7#; Vis 89; WL - 8; Chlorides 400. Cum. mud cost: $159,099. 0 - 83 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino/Gaukel.

09/30/83: Drilling. Depth 10,397'. Made 62'. 12 1/4" hole. Preuss formation. Drilling ahead. BGG-1. LSND. MW 8.7#; Vis 61; WL - 9.8; Chlorides 400. Cum. mud cost: $160,833. 0 - 84 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/01/83: Running in hole. Depth 10,418'. Made 21'. 12 1/4" hole. Preuss formation. Drilled to 10,418'. Circulated. Surveyed. Pulled out of hole. Inspected BHA. Laid down 1 joint HW drill pipe. Changed bit and shock sub. Now running in hole. BGG TR-2.

Break: 10,388'-10,398', 24-18-24 min/ft, BGG TR-7-2
10,402'-10,406', 23-18½-26 min/ft, BGG 2-6-2

Dev.: 4 3/4° S50E at 10,337'. LSND. MW 8.8#; Vis 54; WL - 8.8; Chlorides 400. Cum. mud cost: $162,436. 0 - 85 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

10/02/83: Drilling. Depth 10,447'. Made 29'. 12 1/4" hole. Preuss formation. Ran in hole. Washed 50' to bottom. Drilled to 10,426'. Bit would not drill. Pulled out of hole. Changed bits and 6 pt. reamer. Ran in hole. Now drilling ahead. BGG-2, TG-4. LSND. MW 8.8#; Vis 67; WL - 9.4; Chlorides 400. Cum. mud cost: $163,143. 0 - 86 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

09/20/83: Drilling. Depth 9,824'. Made 103'. 12 1/4" hole. Preuss formation. Drilling ahead. BGG-1/2. LSND. MW 8.7#; Vis 59; WL - 8.8; Chlorides 300. Cum. mud cost: $148,687. 0 - 74 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

09/21/83: Drilling. Depth 9,855'. Made 31'. 12 1/4" hole. Preuss formation. Drilled to 9,830'. Surveyed. Pulled out of hole. Changed bits. Checked drill collars. Changed out 2 stabilizers. Ran in hole. Washed to bottom. Unplugged bit. Now drilling ahead. BGG-1/2, TG-3. Dev.: 5° S63E at 9,770'. LSND. MW 8.8#; Vis 53; WL - 8.8; Chlorides 300. Cum. mud cost: $148,742. 0 - 75 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

09/22/83: Drilling. Depth 9,939'. Made 84'. 12 1/4" hole. Preuss formation. Drilling ahead. BGG-1. LSND. MW 8.7#; Vis 64; WL - 9.8; Chlorides 300. Cum. mud cost: $150,117. 0 - 76 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

09/23/83: Pulling out of hole. Depth 10,001'. Made 62'. 12 1/4" hole. Preuss formation. Drilled to 10,001'. Surveyed. Pulling out of hole to change bits. BGG-1. LSND. MW 8.7#; Vis 51; WL - 9.2; Chlorides 300. Cum. mud cost: $151,492. 0 - 77 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

09/24/83: Drilling. Depth 10,036'. Made 35'. 12 1/4" hole. Preuss formation. Pulled out of hole. Changed bits. Ran in hole. Changed sleeves on stabilizers. Twisted off mandril pin in stabilizer while making up. Waited on fishing tools. Latched stabilizer. Mandril setting in slips on floor. Laid down old stabilizer. Picked up new stabilizer. Ran in hole. Worked plugged bit. Washed 90' to bottom. Now drilling ahead. TG-2, BGG-1/2. LSND. MW 8.8#; Vis 58; WL - 9; Chlorides 300. Cum. mud cost: $152,674. 0 - 78 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

09/25/83: Drilling. Depth 10,113'. Made 77'. 12 1/4" hole. Preuss formation. Drilling ahead. BGG-1/2. LSND. MW 8.7#; Vis 62; WL - 9.8; Chlorides 400. Cum. mud cost: $153,703. 0 - 79 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

09/26/83: Drilling. Depth 10,178'. Made 65'. 12 1/4" hole. Preuss formation. Drilling ahead. BGG-1. LSND. MW 8.8#; Vis 59; WL - 9.8; Chlorides 400. Cum. mud cost: $154,881. 0 - 80 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

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Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

09/14/83: Drilling. Depth 9,317'. Made 76'. 12 1/4" hole. Stump formation. Drilling ahead. BGG-1. LSND. MW 8.7#; Vis 55; WL - 8; Chlorides 300. Cum. mud cost: $143,198. 0 - 68 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

09/15/83: Drilling. Depth 9,373'. Made 56'. 12 1/4" hole. Stump formation. Drilled to 9,326'. Circulated. Pulled out of hole. Changed bit. Laid down 24 joints of drill pipe. Ran in hole. Picked up 24 joints drill pipe. Ran in hole. Washed 90' to bottom. Worked plugged bit. Now drilling ahead. BGG-1, TG-2. LSND. MW 8.8#; Vis 61; WL - 7.2; Chlorides 300. Cum. mud cost: $143,749. 0 - 69 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

09/16/83: Drilling. Depth 9,491'. Made 118'. 12 1/4" hole. Preuss formation. Drilling and surveying ahead. BGG-2. Tops: Preuss @ 9,310' and Stump @ 8,830' (corrected). Dev.: 4° S73E at 9,339'. LSND. MW 8.7#; Vis 55; WL - 7.6; Chlorides 300. Cum. mud cost: $144,878. 0 - 70 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

09/17/83: Drilling. Depth 9,577'. Made 86'. 12 1/4" hole. Preuss formation. Drilling ahead. BGG-1/2. LSND. MW 8.8#; Vis 59; WL - 7.2; Chlorides 300. Cum. mud cost: $146,271. 0 - 71 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

09/18/83: Drilling. Depth 9,626'. Made 49'. 12 1/4" hole. Preuss formation. Drilled to 9,585'. Surveyed. Pulled out of hole. Changed bits. Laid down 2 joints HW drill pipe. Picked up 3 joints HW drill pipe. Changed out 8" drill collar. Changed out 24 joints drill pipe. Ran in hole. Washed 50' to bottom. Now drilling ahead. TG-2, BGG-1. Dev.: 4½° S69E at 9,562'. LSND. MW 8.8#; Vis 53; WL - 8; Chlorides 300. Cum. mud cost: $146,739. 0 - 72 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

09/19/83: Drilling. Depth 9,721'. Made 95'. 12 1/4" hole. Preuss formation. Drilling and surveying ahead. BGG-1. LSND. MW 8.7#; Vis 57; WL - 8.4; Chlorides 300. Cum. mud cost: $147,872. 0 - 73 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

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LODGEPOLE - Summit County, UT. - .7476776 Post Make-Up W.I.

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

09/07/83: Drilling. Depth 8,749'. Made 156'. 12 1/4" hole. Kelvin formation. Drilling ahead. BGG-1. LSND. MW 8.9#; Vis 48; WL - 9.4; Chlorides 200. Cum. mud cost: $126,427. 0 - 61 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

09/08/83: Drilling. Depth 8,853'. Made 104'. 12 1/4" hole. Kelvin formation. Drilling and surveying ahead. BGG-1. Dev.: 4° S77E at 8,700'. LSND. MW 8.8#; Vis 49; WL - 8.8; Chlorides 200. Cum. mud cost: $129,240. 0 - 62 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

09/09/83: Inspecting BHA. Depth 8,923'. Made 70'. 12 1/4" hole. Stump at 8,909'. Drilled to 8,923'. Circulated. Worked tight hole. Surveyed. Pulled out of hole. Now running in hole with bit #18 inspecting BHA. BGG-2. Dev.: 4 1/2° S77E at 8,815'. LSND. MW 8.8#; Vis 48; WL - 8.6; Chlorides 200. Cum. mud cost: $130,706. 0 - 63 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel/Trevino.

09/10/83: Drilling. Depth 8,968'. Made 45'. 12 1/4" hole. Stump formation. Ran in hole with bit #18. Washed and reamed from 8,793'-8,923'. Now drilling ahead. TG-2, BGG-1. LSND. MW 8.7#; Vis 56; WL - 8.2; Chlorides 200. Cum. mud cost: $133,023. 0 - 64 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino/Gaukel.

09/11/83: Drilling. Depth 9,024'. Made 56'. 12 1/4" hole. Stump formation. Drilled to 8,970'. Pulled out of hole. Changed bits and laid down 1 joint HW drill pipe. Tripped in hole. Washed and reamed from 8,810'-8,970'. Now drilling ahead. TG-2, BGG-1. LSND. MW 8.8#; Vis 52; WL - 8.4; Chlorides 200. Cum. mud cost: $134,633. 0 - 65 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

09/12/83: Drilling. Depth 9,133'. Made 109'. 12 1/4" hole. Stump formation. Drilled to 9,058'. Reamed tight hole. Now drilling and surveying ahead. BGG-1/2. Dev.: 4° E at 9,041'. LSND. MW 8.8#; Vis 50; WL - 8.4; Chlorides 200. Cum. mud cost: $136,709. 0 - 66 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

09/13/83: Drilling. Depth 9,241'. Made 108'. 12 1/4" hole. Stump formation. Drilled to 9,196'. Drilled and reamed tight spots. Repaired pumps. Now drilling ahead and working tight spots. BGG-2. LSND. MW 8.7#; Vis 59; WL - 8.2; Chlorides 200. Cum. mud cost: $141,412. 0 - 67 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

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LODGEPOLE - Summit County, UT. - .7476776 Post Make-Up W.I.

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

08/31/83: Drilling. Depth 7,981'. Made 84'. 12 1/4" hole. Kelvin formation. Drilling and surveying ahead. BGG-TR/2, CG-2. Dev.: 3 1/4° S86E at 7,870'. LSND. MW 8.9; Vis 47; WL - 9.6; Chlorides 200. Cum. mud cost: $117,899. 0 - 54 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

09/01/83: Drilling. Depth 8,031'. Made 50'. 12 1/4" hole. Kelvin formation. Drilled to 8,003'. Surveyed. Pulled out of hole. Changed bits. Picked up 1-10" drill collar. Ran in hole. Washed to bottom. Now drilling ahead. BGG-1, TG-2. Dev.: 3 1/2° S83E at 7,949'. LSND. MW 8.8; Vis 47; WL - 9.6; Chlorides 200. Cum. mud cost: $118,767. 0 - 55 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

09/02/83: Drilling. Depth 8,139'. Made 108'. 12 1/4" hole. Kelvin formation. Drilling ahead. BGG-1. LSND. MW 8.8; Vis 46; WL - 9.2; Chlorides 200. Cum. mud cost: $119,952. 0 - 56 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

09/03/83: Drilling. Depth 8,243'. Made 104'. 12 1/4" hole. Kelvin formation. Drilling and surveying ahead. BGG-1. Dev.: 3 1/2° S83E at 8,075'. LSND. MW 8.8; Vis 46; WL - 9.0; Chlorides 200. Cum. mud cost: $121,450. 0 - 57 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

09/04/83: Drilling. Depth 8,349'. Made 106'. 12 1/4" hole. Kelvin formation. Drilling ahead. BGG-1. LSND. MW 8.8#; Vis 47; WL - 9.0; Chlorides 200. Cum. mud cost: $122,576. 0 - 58 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

09/05/83: Drilling. Depth 8,415'. Made 66'. 12 1/4" hole. Kelvin formation. Drilled to 8,369'. Surveyed. Pulled out of hole. Changed out 6 pt. reamer, shock sub, knockout stabilizer and IBS. Ran in hole with bit #17. Now drilling ahead. BGG-1, TG-1. Dev.: 3 1/2° S78E at 8,293'. LSND. MW 8.8#; Vis 46; WL - 9.4; Chlorides 200. Cum. mud cost: $123,796. 0 - 59 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

09/06/83: Drilling. Depth 8,593'. Made 178'. 12 1/4" hole. Kelvin formation. Drilling and surveying ahead. BGG-1. Dev.: 3 3/4° S75E at 8,485'. LSND. MW 8.8#; Vis 46; WL - 9.2; Chlorides 200. Cum. mud cost: $125,045. 0 - 60 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

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LODGEPOLE - Summit County, UT. - .7056643 Cost

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

08/24/83: Drilling. Depth 7,270'. Made 130'. 12 1/4" hole. Kelvin formation. Drilling ahead. BGG-1. LSND. MW 8.9#; Vis 42; WL - 8.8; Chlorides 200. Cum. mud cost: $109,928. 0 - 47 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino/Gaukel.

08/25/83: Washing and reaming at 1,585'. Depth 2,830'. 17 1/2" hole. Washed and reamed to top of fish at 2,085'. Circulated. Pulled out of hole. Hole tight from 1,620'-1,600'. Pulled 130,000# over string weight. Hole tight to surface. Ran in hole and hit bridge at 654'. Washed and reamed to 714'. Tripped in hole to 809'. Washed and reamed to 1,585'. Water. No other mud properties reported. Cum. mud cost: $85,528. 0 - 27 3/4 - 0. Parker rig #92. Drilling Foreman: Williams.

08/26/83: Drilling. Depth 7,528'. Made 146'. 12 1/4" hole. Kelvin formation. Drilling ahead. LSND. MW 9.0#; Vis 52; WL - 8.0; Chlorides 200. Cum. mud cost: $112,308. 0 - 49 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

08/27/83: Drilling. Depth 7,630'. Made 102'. 12 1/4" hole. Kelvin formation. Drilling and surveying ahead. BGG-1. Dev.: 3 1/4° S89E at 7,472'. LSND. MW 8.9#; Vis 49; WL - 8.8; Chlorides 200. Cum. mud cost: $113,633. 0 - 50 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

08/28/83: Drilling. Depth 7,736'. Made 106'. 12 1/4" hole. Kelvin formation. Drilling ahead. BGG-1. LSND. MW 8.9#; Vis 47; WL - 9.4; Chlorides 200. Cum. mud cost: $114,806. 0 - 51 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

08/29/83: Running in hole. Depth 7,773'. Made 37'. 12 1/4" hole. Kelvin formation. Drilled to 7,773'. Surveyed. Pulled out of hole. Ran in hole with bit #15. Checking BHA. Laid down 1-10" drill collar and 2 joints of HW drill pipe. Picked up 2 joint of HW drill pipe. Now running in hole. Dev.: 3 1/4° N87E at 7,705'. LSND. MW 8.8; Vis 43; WL - 8.8; Chlorides 200. Cum. mud cost: $115,807. 0 - 52 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

08/30/83: Drilling. Depth 7,897'. Made 124'. 12 1/4" hole. Kelvin formation. Washed to bottom. Now drilling ahead. BGG-0/1, TG-1. LSND. MW 8.9; Vis 47; WL - 9.6; Chlorides 200. Cum. mud cost: $116,740. 0 - 53 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

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LODGEPOLE - Summit County, UT. - .7056643 Cost

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

08/18/83: Drilling. Depth 6,593'. Made 101'. 12 1/4" hole. Kelvin formation. Drilled to 6,510'. Lost 150#. Pulled out of hole to look for washout. Found cracked box in 10" drill collar. Changed out 10" drill collar. Laid down 1-8" drill collar. Picked up new bit and additional stabilizer. Ran in hole. Washed 70' to bottom. Now drilling ahead. BGG-1, TG-3. LSND. MW 9.0#; Vis 45; WL - 9; Chlorides 200. Cum. mud cost: $103,560. 0 - 41 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

08/19/83: Running in hole. Depth 6,692'. Made 99'. 12 1/4" hole. Kelvin formation. Drilled and surveyed to 6,692'. Lost 125#. Pulled out of hole to look for washout. Inspected BHA. Laid down 4-10" drill collars. Laid down IBS. Checked torque indicator. Now running in hole and picking up drill collars. BGG-1. Dev.: 3° N89E at 6,550'. LSND. MW 9.0#; Vis 40; WL - 9.4; Chlorides 200. Cum. mud cost: $104,700. 0 - 42 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

08/20/83: Drilling. Depth 6,789'. Made 97'. 12 1/4" hole. Kelvin formation. Finished running in hole. Now drilling and surveying ahead. BGG-1, TG-7. Dev.: 3° N85E at 6,655'. LSND. MW 9.0#; Vis 45; WL - 9.6; Chlorides 200. Cum. mud cost: $105,420. 0 - 43 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

08/21/83: Drilling. Depth 6,895'. Made 106'. 12 1/4" hole. Kelvin formation. Drilling and surveying ahead. BGG-1. Dev.: 3° S87E at 6,776'. LSND. MW 9.0#; Vis 45; WL 9.8; Chlorides 200. Cum. mud cost: $106,582. 0 - 44 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

08/22/83: Drilling. Depth 6,984'. Made 89'. 12 1/4" hole. Kelvin formation. Drilled to 6,905'. Surveyed. Pulled out of hole. Laid down 1-8" drill collar and 1-10" drill collar. Picked up new bit and changed BHA. Tripped in hole. Now drilling ahead. BGG-1, TG-1. Dev.: 3° S85E at 6,835'. LSND. MW 9.0#; Vis 44; WL - 9.0; Chlorides 200. Cum. mud cost: $107,346. 0 - 45 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

08/23/83: Drilling. Depth 7,140'. Made 156'. 12 1/4" hole. Kelvin formation. Drilling and surveying ahead. BGG-1/2. Dev.: 3° S86E at 7,061'. LSND. MW 8.9#; Vis 44; WL - 8.4; Chlorides 200. Cum. mud cost: $108,848. 0 - 46 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

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LODGEPOLE - Summit County, UT. - .7056643 Cost

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

08/13/83: Drilling. Depth 6,050'. Made 105'. 12 1/4" hole. Kelvin formation. Pulled out of hole. Laid down 1-8" drill collar with cracked box. Picked up new 8" drill collar. Ran in hole. Now drilling and surveying ahead. BGG-1, TG-2. Dev.: 2 1/2° E at 6,000'. LSND. MW 8.8#; Vis 44; WL - 9.2; Chlorides 200. Cum. mud cost: $98,930. 0 - 36 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

08/14/83: Drilling. Depth 6,192'. Made 142'. 12 1/4" hole. Kelvin formation. Drilling and surveying ahead. BGG-1. Dev.: 3° N82E at 6,093'. LSND. MW 8.9#; Vis 44; WL - 8.8; Chlorides 200. Cum. mud cost: $100,741. 0 - 37 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

08/15/83: Drilling. Depth 6,290'. Made 98'. 12 1/4" hole. Kelvin formation. Drilled to 6,290'. Pulled out of hole. Changed bits and BHA. Ran in hole. Washed 50' to bottom. Now drilling and survey ahead. TG-1, BGG-1.

Break: 6,213'-6,218', 9-4-7 min/ft, no show

Dev.: 2 1/2° S85E at 6,192'. LSND. MW 9.0#; Vis 42; WL - 9; Chlorides 200. Cum. mud cost: $101,156. 0 - 38 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

08/16/83: Drilling. Depth 6,420'. Made 130'. 12 1/4" hole. Kelvin formation. Drilling and surveying ahead. BGG-1. Dev.: 3° N87E at 6,378'. LSND. MW 9.0#; Vis 42; WL - 8.8; Chlorides 200. Cum. mud cost: $102,429. 0 - 39 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

08/17/83: Drilling. Depth 6,492'. Made 72'. 12 1/4" hole. Kelvin formation. Drilled to 6,467'. Lost 200# pump pressure. Pulled out of hole to look for washout. Found crack in box of top stabilizer. Changed out stabilizer. Ran in hole. Washed 50' to bottom. Now drilling ahead. BGG-1, TG-2. LSND. MW 9.0#; Vis 44; WL - 9.2; Chlorides 200. Cum. mud cost: $102,844. 0 - 40 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

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U.P.R.R. 33 #1 (Expl) CONFIDENTIAL - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

08/07/83: Drilling. Depth 5,405'. Made 217'. 12 1/4" hole. Bear River at 5,314'. Drilling and surveying ahead. BGG-3. Dev.: 2 1/2° N75E at 5,233'. LSND. MW 8.8#; Vis 44; WL - 9.8; Chlorides 300. Cum. mud cost: $89,989. 0 - 30 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

08/08/83: Drilling. Depth 5,501'. Made 96'. 12 1/4" hole. Bear River formation. Drilled to 5,454'. Surveyed. Pulled out of hole. Changed bit and one stabilizer. Ran in hole. Washed 60' to bottom. Now drilling ahead. BGG 1/2, TG-4. Dev.: 3° N88E at 5,407'. LSND. MW 8.9#; Vis 46; WL - 9.8; Chlorides 300. Cum. mud cost: $91,030. 0 - 31 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

08/09/83: Drilling. Depth 5,648'. Made 147'. 12 1/4" hole. Kelvin at 5,488'. Drilling and surveyed ahead. BGG-1. Dev.: 2 3/4° N80E at 5,464'. LSND. MW 9.0#; Vis 48; WL - 9.0; Chlorides 300. Cum. mud cost: $92617. 0 - 32 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

08/10/83: Running in hole. Depth 5,760'. Made 112'. 12 1/4" hole. Kelvin formation. Drilled and surveyed to 5,760'. Lost 200#. Pulled out of hole. Found crack in 8" drill collar. Changed bits. Now running in hole with new bit. BGG-1. Dev.: 2 1/2° S87E at 5,647'. LSND. MW 9.0#; Vis 43; WL - 9.2; Chlorides 200. Cum. mud cost: $94,376. 0 - 33 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

08/11/83: Pulling out of hole to check for washout. Depth 5,875'. Made 115'. 12 1/4" hole. Kelvin formation. Ran in hole. Washed 75' to bottom. Drilled to 5,875'. Lost 200# pump pressure. Surveyed. Now pulling out of hole to look for washout. BGG 1/2, TG-4. Dev.: 2 1/4° N89E at 5,825'. LSND. MW 8.9#; Vis 44; WL - 9.6; Chlorides 200. Cum. mud cost: $96,260. 0 - 34 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

08/12/83: Pulling out of hole to look for washout. Depth 5,945'. Made 70'. 12 1/4" hole. Kelvin formation. Pulled out of hole. Inspected drill collars. Laid down 2 joints of HW drill pipe with cracked pins. Laid down 2-8" drill collars with cracked boxes. Laid down 1-10" drill collar with cracked box. Ran in hole. Changed out bad drill collars and HW drill pipe. Ran in hole. Drilled to 5,945'. Lost 150#. Now pulling out of hole to look for washout. BGG-1, TG-6. LSND. MW 8.9#; Vis 53; WL - 8.8; Chlorides 200. Cum. mud cost: $97,119. 0 - 35 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

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LODGEPOLE - Summit County, UT. - .7056643 Cost

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

07/31/83: Drilling. Depth 4,460'. Made 140'. 12 1/4" hole. Frontier formation. Drilling and surveying ahead. BG-1. Dev.: 1 1/4° N36E at 4,276'. LSND. MW 8.9#; Vis 46; WL - 6.8; Chlorides 300. Cum. mud cost: $80,548. 0 - 23 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

08/01/83: Drilling. Depth 4,560'. Made 100'. 12 1/4" hole. Frontier formation. Drilled to 4,464'. Surveyed. Drilled to 4,475'. Circulated. Pulled out of hole. Changed stabilizers. Ran in hole with new bit. Washed 90' to bottom. Now drilling ahead. TG-2, BGG-1. Dev.: 1 1/2° N52E at 4,399'. LSND. MW 8.9#; Vis 43; WL - 9.8; Chlorides 300. Cum. mud cost: $81,402. 0 - 24 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

08/02/83: Drilling. Depth 4,760'. Made 200'. 12 1/4" hole. Frontier formation. Drilling and surveying ahead. BGG-Trace. Dev.: 1 1/4° N52E at 4,556'. LSND. MW 8.9#; Vis 47; WL - 9.6; Chlorides 300. Cum. mud cost: $82,746. 0 - 25 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

08/03/83: Drilling. Depth 4,941'. Made 181'. 12 1/4" hole. Frontier formation. Drilling and surveying ahead. BGG 1-2. Dev.: 1 1/4° N57E at 4,740'. LSND. MW 8.9#; Vis 44; WL - 9.6; Chlorides 300. Cum. mud cost: $84,556. 0 - 26 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

08/04/83: Drilling. Depth 5,077'. Made 136'. 12 1/4" hole. Base Frontier formation. Drilling and surveying ahead. BGG-Trace. Dev.: 2 1/4° N74E at 4,923' and 2 1/4° N79E at 5,017'. LSND. MW 8.8#; Vis 50; WL - 9.2; Chlorides 300. Cum. mud cost: $86,730. 0 - 27 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

08/05/83: Running in hole. Depth 5,122'. Made 45'. 12 1/4" hole. Drilled to 5,077'. Surveyed. Pulled out of hole. Changed bit and BHA. Ran in hole. Drilled to 5,122'. Lost 400# pump pressure. Pulled out of hole to look for washout. Inspected drill collars. Now running in hole looking for washout. LSND. MW 8.9#; Vis 46; WL - 9.4; Chlorides 300. Cum. mud cost: $88,459. 0 - 28 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

08/06/83: Drilling. Depth 5,188'. Made 66'. 12 1/4" hole. Aspen at 5,124'. Finished running in hole. (Laid down 2 joints HW drill pipe and 1-8" drill collar). Drilled to 5,122'. Pump pressure continued to decrease. Pulled out of hole. Laid down 1-10" drill collar. Ran in hole. Now drilling and surveying ahead. TG-6, BGG-1. Dev.: 2 1/2° N81E at 5,142'. LSND. MW 8.8#; Vis 43; WL - 9.8; Chlorides 300. Cum. mud cost: $88,945. 0 - 29 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

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LODGEPOLE - Summit County, UT. - .7056643 Cost

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

07/24/83: Drilling. Depth 3,130'. Made 130'. 12 1/4" hole. Drilled to 3,057'. Ran survey. Pulled out of hole. Ran gyro survey. Picked up new BHA. Ran in hole with bit #5. Now drilling ahead. TG-3. Dev.: 1 1/4° N23W at 3,030'. LSND. MW 8.6#; Vis 40; WL - 8.8; Chlorides 300. Cum. mud cost: $70,152. 0 - 16 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

07/25/83: Drilling. Depth 3,361'. Made 231'. 12 1/4" hole. Surface formation. Drilling and surveying ahead. Dev.: 1 1/4° N2W at 3,233'. LSND. MW 8.8#; Vis 44; WL - 9.6; Chlorides 300. Cum. mud cost: $72,540. 0 - 17 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

07/26/83: Drilling. Depth 3,613'. Made 252'. 12 1/4" hole. Surface formation. Drilling and surveying ahead. Lost 80 bbls at 3,510'. Dev.: 1° N17W at 3,535'. LSND. MW 8.9#; Vis 44; WL - 9.6; Chlorides 300. Cum. mud cost: $73,349. 0 - 18 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

07/27/83: Inspecting drill collars. Depth 3,794'. Made 181'. 12 1/4" hole. Surface formation. Drilled to 3,794'. Surveyed. Pulled out of hole and inspected drill collars. Dev.: 1¼° N8W at 3,729'. LSND. MW 8.9#; Vis 45; WL - 9.4; Chlorides 300. Cum. mud cost: $74,376. 0 - 19 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

07/28/83: Drilling. Depth 3,973'. Made 179'. 12 1/4" hole. Frontier at 2,875'. Finished drill collar inspection. Laid down 2-8" drill collars. Ran in hole with bit #6. Now drilling ahead. BG-2, TG-2. LSND. MW 8.8#; Vis 50; WL - 8.8; Chlorides 300. Cum. mud cost: $75,228. 0 - 20 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

07/29/83: Drilling. Depth 4,175'. Made 202'. 12 1/4" hole. Frontier formation. Drilling and surveying ahead. BG-2. Dev.: 3/4° N31E at 4,060'. LSND. MW 9.1#; Vis 44; WL - 9.2; Chlorides 300. Cum. mud cost: $76,135. 0 - 21 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

07/30/83: Drilling. Depth 4,320'. Made 145'. 12 1/4" hole. Frontier formation. Drilling and surveying ahead. BG-1. LSND. MW 8.9#; Vis 43; WL - 9.2; Chlorides 300. Cum. mud cost: $78,416. 0 - 22 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

Production Department
Casper Division

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

LODGEPOLE - Summit County, UT. - .7056643 Cost

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE/SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

07/20/83: Pulling out of hole. Depth 3,000'. Made 180'. 17 1/2" hole. Surface formation. Drilled to 3,000'. Short trip and strap to HW drill pipe. Circulated and conditioned. Surveyed. Now pulling out of hole and laying down stabilizers. Native. MW 8.8#; Vis 57; WL - 13.2; Chlorides 300. Cum. mud cost: $68,171. 0 - 12 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino/Gaukel.

07/21/83: Pumping cement. Depth 3,000'. 12 1/4" hole. Pulled out of hole to run casing. Laid down stabilization. Rigged up casing crew. Ran 13 3/8" casing as follows: 25 joints, 68#, J-55, ST&C; 36 joints, 61#, K-55, ST&C; 10 joints, 61#, J-55, ST&C and 3 joints, 61#, K-55, BTRS with shoe at 3,000' and collar at 2,912'. One centralizer 10' above shoe, then one every 3rd joint for total of 8. Crossover collar (8rd to BTRS) pulled off of pin. Circulated and waited on crossover. Ran casing. Rigging up cementers and pumping cement. Dev.: 1° at 2,970'. LSND. MW 8.8#; Vis 54; WL - 13.2; Chlorides 300. Cum. mud cost: $68,681. 0 - 13 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

07/22/83: Welding on casing head. Depth 3,000'. 12 1/4" hole. Finished cementing 13 3/8" casing. Cemented with 1,265 sacks Class "A" plus 45#/sack Spherelite, .5% Econolite, 1% Halad 22-A and 4% $CaCl_2$; followed by 620 sacks Class "H" plus .4% CFR-2, 1/4#/sack Flocele and 1% $CaCl_2$. Had mud returns until displacement started. Lost returns when displacement started. Displaced cement with no returns. Ran 1" grout string to 160' down annulus. Cemented with 150 sacks Class "A" plus 3% $CaCl_2$. No cement to surface. W.O.C. Cemented again with 150 sacks Class "A" plus 3% $CaCl_2$. Cement to surface. W.O.C. Cut off casing. Now welding on head. LSND. MW 8.6#; Vis 32; WL - 14.8. Cum. mud cost: $68,927. 0 - 14 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

07/23/83: Drilling cement. Depth 3,000'. 12 1/4" hole. Welded on head. Tested head to 1,000#. Nippled up BOP's. Checked pipe rams and manifold to 5,000#. Tested hydril to 2,500#. Check kelly and T.I.W. valve to 5,000#. Attempted to install wear bushing. Would not fit. Waited on wear bushing and installed same. Waited on battery barrel for gyro. Ran in hole with bit #4. Tagged cement at 2,745'. Now drilling cement. LSND. MW 8.6#; Vis 38; WL - 14.0. Cum. mud cost: $68,927. 0 - 15 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Gaukel.

Production Department
Casper Division

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

LODGEPOLE - Summit County, UT. - .7056643 Cost

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

07/14/83: Drilling. Depth 1,561'. Made 191'. 17 1/2" hole. Wanship formation. Drilled to 1,375'. Pulled out of hole. Changed bits. Ran in hole. Drilled with 80-85% returns. Lost 600 bbls. while drilling. Mixed and pumped LCM pill. Regained circulation. Drilled with 95% returns. Lost 200 bbls. Pulled out of hole 4 stands. Build mud volume with 30% LCM. Regained circulation. Ran in hole. Now drilling with 95-100% returns. Native. MW 8.6#; Vis 43; WL - 12; Chlorides 400. Cum. mud cost: $37,397. 0 - 6 1/2 - 0. Dixilyn Field rig #38. Drilling Foreman: Trevino.

07/15/83: Drilling. Depth 1,825'. Made 264'. 17 1/2" hole. Surface formation. Drilled and surveyed ahead with 98-100% returns. Lost 300 bbls. mud for the day. Lost 3,015 bbls. mud since spud. Dev.: 1° at 1,649'. Native. MW 8.8#; Vis 47; WL - 10.8; Chlorides 300. Cum. mud cost: $49,399. 0 - 7 1/2 - 0. Dixilyn Field rig #38. Drilling Foreman: Trevino.

07/16/83: Drilling. Depth 2,041'. Made 216'. 17 1/2" hole. Surface formation. Drilling and surveying ahead. Dev.: 1° at 1,990'. Native. MW 9.0#; Vis 51; WL - 11.6; Chlorides 300. Cum. mud cost: $53,332. 0 - 8 1/2 - 0. Dixilyn Field rig #38. Drilling Foreman: Trevino.

07/17/83: Drilling. Depth 2,195'. Made 154'. 17 1/2" hole. Surface formation. Drilling ahead. Native. MW 8.7#; Vis 48; WL - 13.4; Chlorides 300. Cum. mud cost: $58,428. 0 - 9 1/2 - 0. Dixilyn Field rig #38. Drilling Foreman: Trevino.

07/18/83: Drilling. Depth 2,445'. Made 250'. 17 1/2" hole. Surface formation. Drilled to 2,211'. Surveyed. Pulled out of hole. Changed bits. Ran in hole. Washed 100' to bottom. Now drilling and surveying. Dev.: 1 1/2° at 2,211' and 1 1/4° at 2,416'. Native. MW 8.8#; Vis 48; WL - 13.8; Chlorides 400. Cum. mud cost: $60,530. 0 - 10 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

07/19/83: Drilling. Depth 2,820'. Made 375'. 17 1/2" hole. Surface formation. Drilled to 2,708'. Lost 250 bbls. mud. Mixed and pumped pill. Regained circulation. Now drilling and surveying ahead. Lost 3,265 bbls. mud since spud. Dev.: 1 1/2° at 2,757'. Native. MW 8.8#; Vis 48; WL - 11.8; Chlorides 400. Cum. mud cost: $62,579. 0 - 11 1/2 - 0. Dixilyn Field #38. Drilling Foreman: Trevino.

Production Department
Casper Division

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

LODGEPOLE - Summit County, UT. - .7056643 Cost

U.P.R.R. 33 #1 (Expl) CONFIDENTIAL - AFE 12-20-3230

Location: 990' FSL, 990' FEL, SE Section 33, T2N, R6E
Elevations: GL 7,485', KB 7,510', RB 25'
API No.: 43-043-30233
Objective: Triassic - 14,500'

07/08/83: Picking up BHA. Depth 120'. Made 20'. 17 1/2" hole. Surface formation. Spudded at 1:00 a.m. on 07-08-83. Now picking up BHA. Native. MW 8.5#; Vis 34; WL - NC; Chlorides 500. Cum. mud cost: $745. 0 - 1/2 - 0. Dixilyn Field rig #38. Drilling Foreman: Trevino.

07/09/83: Drilling. Depth 270'. Made 150'. 17 1/2" hole. Surface formation. Now drilling and surveying ahead. Tight connection at 242'. Dev.: 3/4° at 158' and 1/2° at 242'. Native. MW 8.7#; Vis 43; WL - 16.4; Chlorides 350. Cum. mud cost: $2,153. 0 - 1 1/2 - 0. Dixilyn Field rig #38. Drilling Foreman: Trevino.

07/10/83: Drilling. Depth 520'. Made 250'. 17 1/2" hole. Surface formation. Drilling and surveying ahead. Dev.: 1/2° at 450'. Native. MW 8.9#; Vis 43; WL - 12.8; Chlorides 400. Cum. mud cost: $5,917. 0 - 2 1/2 - 0. Dixilyn Field rig #38. Drilling Foreman: Trevino.

07/11/83: Drilling. Depth 814'. Made 294'. 17 1/2" hole. Surface formation. Drilled to 581'. Lost 40 bbls. mud. Pumped LCM pill. Now drilling and surveying ahead. Dev.: 3/4° at 750'. Native. MW 8.9#; Vis 44; WL - 14.4; Chlorides 400. Cum. mud cost: $8,269. 0 - 3 1/2 - 0. Dixilyn Field rig #38. Drilling Foreman: Trevino.

07/12/83: Drilling. Depth 1,173'. Made 359'. 17 1/2" hole. Echo formation. Drilled to 981'. Lost 200 bbls. mud. Mixed LCM pill. Pumped pill. Drilled and surveyed to 1,033'. Washed and reamed tight spots. Drilled to 1,106'. Lost 200 bbls. Mixed and pumped pill. Regained circulation. Drilled to 1,112'. Lost circulation. Lost 50 bbls. Mixed and pumped pill. Lost 150 bbls. at 1,151'. Build mud volume (20% LCM). Bypassed shaker. Pumped pill. Lost circulation again at 1,153'. Lost 225 bbls. Lost 150 bbls. at 1,156'. Now drilling. Dev.: 1/2° at 1,033'. Native. MW 8.8#; Vis 58; WL - 14.4; Chlorides 300. Cum. mud cost: $14,027. 0 - 4 1/2 - 0. Dixilyn Field rig #38. Drilling Foreman: Trevino.

07/13/83: Drilling. Depth 1,370'. Made 197'. 17 1/2" hole. Echo formation. Drilled and surveyed to 1,341'. Lost 100 bbls. mud. Pumped 250 bbls. of 25% LCM pill. No returns. Pulled out of hole 4 stands. Build volume with 23% LCM. Pumped 400 bbls. pill. Regained 50% circulation. Build volume with 25% LCM. Pumped 30 bbls. and regained 75% circulation. Ran in hole 4 stands. Pumped 120 bbls. mud. Regained circulation with 90% returns. Now drilling ahead with 90-95% returns. Dev.: 1° at 1,336'. Native. MW 8.6#; Vis 54; WL - 12.8; Chlorides 300. Cum. mud cost: $24,998. 0 - 5 1/2 - 0. Dixilyn Field rig #38. Drilling Foreman: Trevino.

********* BELL PETROLEUM LABORATORIES *********

P.O. BOX 2652 * 24 HOUR PHONE 307/266-1616
CASPER, WYOMING 82602

RUN NUMBER...12079

DATE SECURED:3/2/84

A SAMPLE OF: UPRR 33-1 SUMMIT COUNTY UTAH
SECURED FROM: CONOCO
AT: NORWOOD SEPARATOR SECURED BY:
SAMPLING CONDITIONS: PRESS: 83 TEMP: 124 TIME: 0605HRS DATE: 2/28/84

********* FRACTIONAL ANALYSIS *********
@ 14.696 & 60 DEG. F.

	MOL. %	
CARBON DIOXIDE	1.97	
NITROGEN	5.08	
METHANE	56.71	GPM
ETHANE	15.52	4.141
PROPANE	10.67	2.930
ISO-BUTANE	2.64	0.861
N-BUTANE	4.05	1.274
ISO-PENTANE	1.58	0.577
N-PENTANE	1.78	0.643
HEXANES PLUS	0.00	0.000
TOTAL	100.00	10.426

CALC. SP. GR.	0.9400
PROPANE CAL GPM	2.930
BUTANES CAL GPM	2.135
PENTANES + GPM	1.220
ETHANE CALC GPM	4.141
B.T.U./CU.FT.	
DRY BASIS	1477
WET BASIS	1451
26 # PRODUCT	1.643
12 # PRODUCT	1.093

RUN BY: FLANAGAN CHECKED BY: KANE APPROVED BY:
V. Flanagan

********* ADDITIONAL DATA AND REMARKS *********

Z = 0.994

THIS REPORT IS A CALCULATION OF THE GAS SAMPLE OMITTING THE HEXANES PLUS FRACTION.

COPIES TO:

********* BELL PETROLEUM LABORATORIES *********

P.O. BOX 2652 * 24 HOUR PHONE 307/266-1616
CASPER, WYOMING 82602

RUN NUMBER...12079

DATE SECURED:3/2/84

A SAMPLE OF: UPRR 33-1 SUMMIT COUNTY UTAH
SECURED FROM: CONOCO
AT: NORWOOD SEPARATOR SECURED BY:
SAMPLING CONDITIONS: PRESS: 83 TEMP: 124 TIME: 0605HR DATE: 2/29/84

********* FRACTIONAL ANALYSIS *********
@ 14.696 & 60 DEG. F.

	MOL. %	GPM
CARBON DIOXIDE	1.71	
NITROGEN	4.40	
METHANE	49.07	
ETHANE	13.43	3.583
PROPANE	9.24	2.537
ISO-BUTANE	2.28	0.744
N-BUTANE	3.51	1.104
ISO-PENTANE	1.37	0.500
N-PENTANE	1.54	0.557
HEXANES PLUS	13.45	5.853
TOTAL	100.00	14.878

CALC. SP. GR.	1.2552
PROPANE CAL GPM	2.537
BUTANES CAL GPM	1.848
PENTANES + GPM	6.910
ETHANE CALC GPM	3.583
B.T.U./CU.FT.	
DRY BASIS	1982
WET BASIS	1947
26 # PRODUCT	11.524
12 # PRODUCT	7.885

RUN BY: FLANAGAN CHECKED BY: KANE APPROVED BY: V. Flanagan

********* ADDITIONAL DATA AND REMARKS *********

Z = 0.989

COPIES TO:

A DIVISION OF BELL PETROLEUM SERVICES, INC.

********* BELL PETROLEUM LABORATORIES *********

P.O. BOX 2652 * 24 HOUR PHONE 307/266-1616
CASPER, WYOMING 82602

RUN NUMBER...12078

DATE SECURED:3/2/84

A SAMPLE OF: UPRR 33-1 SUMMIT COUNTY UTAH
SECURED FROM: CONOCO
AT: NORWOOD SEPARATOR SECURED BY:
SAMPLING CONDITIONS: PRESS: 85 TEMP: 124 TIME: 0605HR DATE: 2/28/84

********* FRACTIONAL ANALYSIS *********
@ 14.696 & 60 DEG. F.

	MOL. %	GPM
CARBON DIOXIDE	1.37	
NITROGEN	14.61	
METHANE	45.64	
ETHANE	11.85	3.162
PROPANE	8.16	2.241
ISO-BUTANE	1.97	0.643
N-BUTANE	2.99	0.940
ISO-PENTANE	1.03	0.376
N-PENTANE	1.17	0.423
HEXANES PLUS	11.21	4.879
TOTAL	100.00	12.664

CALC. SP. GR.	1.1870
PROPANE CAL GPM	2.241
BUTANES CAL GPM	1.583
PENTANES + GPM	5.678
ETHANE CALC GPM	3.162
B.T.U./CU.FT.	
DRY BASIS	1715
WET BASIS	1685
26 # PRODUCT	9.495
12 # PRODUCT	6.499

RUN BY: FLANAGAN CHECKED BY: KANE APPROVED BY:
V. Flanagan

********* ADDITIONAL DATA AND REMARKS *********

Z = 0.992

COPIES TO:

********* BELL PETROLEUM LABORATORIES *********

P.O. BOX 2652 * 24 HOUR PHONE 307/266-1616
CASPER, WYOMING 82602

RUN NUMBER...12078

DATE SECURED:3/2/84

A SAMPLE OF: UPRR 33-1 SUMMIT COUNTY UTAH
SECURED FROM: CONOCO
AT: NORWOOD SEPARATOR SECURED BY:
SAMPLING CONDITIONS: PRESS: 85 TEMP: 124 TIME: 0605HR DATE: 2/28/84

********* FRACTIONAL ANALYSIS *********
@ 14.696 & 60 DEG. F.

	MOL. %			
CARBON DIOXIDE	1.54		CALC. SP. GR.	0.9238
NITROGEN	16.45		PROPANE CAL GPM	2.524
			BUTANES CAL GPM	1.784
METHANE	51.40	GPM	PENTANES + GPM	0.901
ETHANE	13.35	3.562	ETHANE CALC GPM	3.562
PROPANE	9.19	2.524		
ISO-BUTANE	2.22	0.724	B.T.U./CU.FT.	
N-BUTANE	3.37	1.060	DRY BASIS	1274
ISO-PENTANE	1.16	0.424	WET BASIS	1251
N-PENTANE	1.32	0.477		
HEXANES PLUS	0.00	0.000	26 # PRODUCT	1.213
			12 # PRODUCT	0.807
TOTAL	100.00	8.771		

RUN BY: FLANAGAN CHECKED BY: KANE APPROVED BY:
V. Flanagan

********* ADDITIONAL DATA AND REMARKS *********

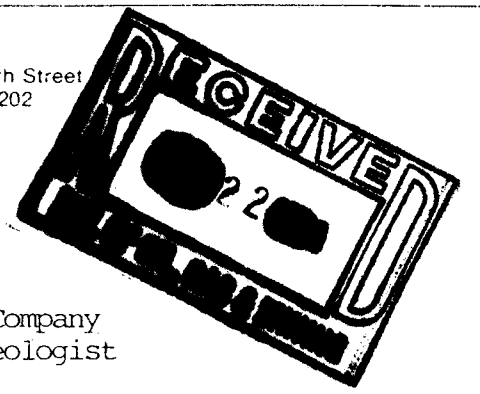
Z = 0.996

THIS REPORT IS A CALCULATION OF THE GAS SAMPLE OMITTING THE HEXANES PLUS FRACTION.

COPIES TO:

conoco

Conoco Inc.
555 Seventeenth Street
Denver, CO 80202
(303) 575-6000



February 17, 1984

Amoco Production Company
ATTN: Cliff Bruce
1670 Broadway
Denver, Colorado 80202

Amoco Production Company
ATTN: District Geologist
P. O. Box 17675
Salt Lake City, Utah 84117

Amoco Production Company
P. O. Box 826
Evanston, Wyoming 82930

American Quasar Petroleum Company
ATTN: Clare Gregg
1700 Broadway, #707
Denver, Colorado 80290-0797

American Quasar Petroleum Co.
ATTN: Bill Bogert
2500 Fort Worth Nat'l Bank Bldg
Fort Worth, Texas 76102

Conquest Exploration Company
ATTN: Ken Grove
P. O. Box 1529
Denver, Colorado 80201

Conquest Exploration Company
ATTN: Bill Lang
P. O. Box 4512
Houston, Texas 77210

North Central Oil Corporation
ATTN: E. J. Wells
6001 Savoy Drive, #460
Houston, Texas 77036

Champlin Petroleum Company
ATTN: Dale Reitz
P. O. Box 1257
Englewood, Colorado 80150

Deca Energy Corporation
ATTN: Jim Catlin
1801 Broadway, #600
Denver, Colorado 80202

Utah Geological & Mineral Survey
ATTN: Karl Brown
606 Black Hawk Way - Research Pk
Salt Lake City, Utah 84108

Utah Division of Oil, Gas, and Mining
ATTN: Ron Firth
4241 State Office Building
Salt Lake City, Utah 84114

Gentlemen:

RE: TITE HOLE!
Conoco Inc. 33 #1 UPRR
SE SE 33-2N-6E
Summit County, Utah

Enclosed are your required number of copies of the following well data on the subject well:

1. Final Prints (plus sepias where required)
   a. Dual Induction-SFL - 3,003-10,496'
   b. Dual Laterolog - 10,708-13,010'
   c. Compensated Neutron-Litho Density - 10,708-13,020'
   d. Borehole Compensated Sonic Log - 3,003-10,467'

1. Final Prints (continued)
   e. Long Spaced Sonic Digitized - 10,708-13,015'
   f. Natural Gamma Ray Spectrometry Log - 10,708-12,990'
   g. Fracture Identification Log - 10,708-13,025'

2. PJ's Hydrocarbon Log (plus sepias where required)

3. Geological Well History

Receipt of the above data should fulfill your requirements of all well data on the 33 #1 UPRR.

As indiated in our letter of January 10, 1984, we will appreciate your cooperation in keeping Confidential Status of all well data received on subject well.

Sincerely,

Jane F. Leckey
Operations Geologist

d

Encs.

CC: J. A. Brown, Casper
A. M. Yarsa, Casper (2)
Andy Yelenosky, Houston
Harry J. King, Houston (for transshipment to COMAN partners)
Original to Well File
Control File

Form OGCC-3

CORRECTED REPORT 16

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION 5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED
JUL 18 1984
DIVISION OF OIL GAS & MINING

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

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

2. NAME OF OPERATOR: Conoco Inc.

3. ADDRESS OF OPERATOR: 907 Rancho Road Casper, Wyoming 82601

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)
At surface: 990' FSL and 990' FEL (SE/SE)
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: Fee - UPRR
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Conoco UPRR 33
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: ~~Wildcat~~ Lodgepole
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 33, T2N, R6E
12. COUNTY OR PARISH: Summit
13. STATE: Utah

14. PERMIT NO.: 43-043-30233 DATE ISSUED: 6-1-83

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
7/8/83	1/29/84	6/1/84	KB 7,510'	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
13,047'	11,859'		→	0'-T.D.	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 11,376' - 11,524' Watton Canyon

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: DLL-SP-GR; LDT-CNL-GR-NGT-Caliper; LSS-GR; HDT-FIL

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
13 3/8"	61 lb/ft	3,000'	17 1/2"	2,185 sks Class A	
9 5/8"	47 lb/ft	10,525'	12 1/4"	550 sks Class H	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
7 5/8"	10,322'	10,717'	250	
5"	10,181'	13,028'	420	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	10,903'	10,900'

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

Interval	Shots
11,376'-11,524'	2 JSPF
11,938'-12,015'	4 JSPF
12,074'-12,610'	4 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,376'-11,524'	6,000 gals 15% MCA acid w/24 gals corrosion inhibitor, 300 lb Iron sequestering agent and 12 gal surfactant

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
2/26/84	Submersible pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6/17/84	24.0	Open		804	240	4	299

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

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

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS

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

SIGNED J C Thompson TITLE Administrative Supervisor DATE July 13, 1984

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

UOGCC(3) File 3146

INSTRUCTIONS

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

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

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

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

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

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

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Echo Canyon	1,055'	
Evanston	1,617'	
Dry Hollow	2,709'	
Frontier	2,768'	
Aspen	4,972'	
Bear River	5,300'	
Kelvin	5,452'	
Stump	8,900'	
Preuss	9,257'	
Preuss Salt	10,522'	
Base Salt	10,640'	
Giraffe Creek	10,728'	
Leeds Creek	11,064'	
Watton Canyon	11,377'	
Boundary Ridge	11,630'	
Rich	11,686'	
Slide Rock	11,942'	
Gypsum Springs	12,020'	
Nugget	12,060'	

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

July 17, 1984

Conoco Inc.
907 Rancho Road
Casper, Wyoming 82601

Gentlemen:

Re: Well No. UPRR 33 #1, Sec. 33, T. 2N, R. 6E,
Summit County, Utah.

A routine field inspection was conducted on the above referenced well on June 26, 1984 by inspectors for the Division of Oil, Gas and Mining. The inspection revealed that the well was continuously venting a significant amount of gas. The Division requests that action be taken to comply with Rule C-27. of the General Rules and Regulations of the Board of Oil, Gas and Mining.

For your information, a copy of Rule C-27 and an interpretation recently adopted by the Board are enclosed. Please note that no more than 25 MCF/D can be vented or flared without Board approval. Although the most recent production report for the well did not indicate any gas production, gas venting at the well location was observed by a Division inspector.

Therefore, it is requested that you account for the observed gas production from the well and either restrict production or take other remedial action in order to comply with Rule C-27.

Your prompt consideration of this matter is appreciated.

Sincerely,

John R. Baza

John R. Baza
Petroleum Engineer

JRB/sb
Enclosure
cc: R.J. Firth, DOGM
92280-12

Production Department
Casper Division

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

FINALS ON COMPLETED DRILLING WELLS
(Cont'd)

LODGEPOLE - Nugget - Summit County, UT. - .8000000 W.I.

UPRR 33 #1 (Expl) CONFIDENTIAL-COMAN - AFE 12-20-3230

Treatment (cont'd):

hole. Ran in hole w/bailer and dumped 1 sack of cement on top of CIBP. Perf'd Watton Canyon member w/236 holes in 118' of interval (shown above). Ran in hole w/packer on tubing and set packer @ 11,290'. Swabbed tubing dry in 7 hours and had a show of oil on last run. Next run recovered 3 BF, nearly all oil. Acidized zone w/6,000 gals. 15% MCA acid w/24 gals. Corrosion Inhibitor, 300# Iron Sequestering Agent and 12 gals. Surfactant. Pumped acid at 3/4 to 1 BPM w/pressures ranging from 3,500# to 900#. Displaced acid w/67 bbls. 2% KCl water @ 1 BPM w/pressure increasing to 1,840#. ISIP - 1,700#. Shut well in for 1 hour. Swabbed 80 BLF in 3 hours w/fluid level 3,600' from surface. Well kicked off and started flowing. Flowed well at rates ranging from 16 to 17 BOPH through 24/64" choke w/TP - 125#. First 24 hour rate - 413 BOPD and 0 BWPD. Killed well to land tubing. Raised packer to 11,278' KB and reset packer. Landed tubing in wellhead and removed BOP. Installed Christmas tree and swabbed well in. Moved off completion unit. Ran in hole w/pressure gauge w/well shut in. Flowed well for 3 hours - 87 BO, 0 BW and gas rate of 160 MCFPD. Shut well in for pressure build up. Well shut in for 22 hours. Returned well to production through full choke. Tested well until rate stabilized. Initial flowing potential 450 BOPD, 0 BWPD and 125 MCFGPD on 03-06-84. Well pumped 797 BOPD, 16 BLWPD in 24 hours on submersible pump on 06-01-84.

Initial Potential: Pumped 804 BOPD and 4 BLW on 06-17-84. 262 BLWTR.

Formation Tops:

Tertiary	Surface	Preuss Salt	10,522'
Echo Canyon	1,055'	Base Salt	10,640'
Evanston	1,617'	Giraffe Creek	10,728'
Dry Hollow	2,709'	Leeds Creek	11,064'
Frontier	2,768'	Watton Canyon	11,377'
Aspen	4,972'	Boundary Ridge	11,630'
Bear River	5,300'	Rich	11,686'
Kelvin	5,452'	Slide Rock	11,942'
Stump	8,900'	Gypsum Springs	12,020'
Preuss	9,257'	Nugget	12,060'

Final Gross Cost Estimate: AFE 12-20-3230 - $4,068,400
AFE 12-20-3397 - $ 654,000

FINAL REPORT

cc: Board
RJ Firth
JR Baza

Mark K. Mosley
Division Manager
Production Department

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

RECEIVED

JUL 18 1984

DIVISION OF OIL
GAS & MINING

July 12, 1984

State of Utah
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Attention: Dianne R. Nielson, Director

Gentlemen:

Associated Gas Flaring
Conoco UPRR Well 33-1
SE SE Section 33, T2N, R6E
Lodgepole Field
Summit County, Utah

In accordance with Board Rule C-27, Conoco Inc. submits this statement to the Utah Board of Oil, Gas and Mining to justify its request for permission to continue flaring associated gas from the Conoco UPRR Well No. 33-1 located in the SE SE Section 33, T2N, R6E, Summit County, Utah.

The Conoco UPRR Well No. 33-1 was drilled to a total depth of 13,047' to test the Nugget Formation. The primary objective, the Nugget, was wet and the well was plugged back to test the Slide Rock member of the Twin Creek Formation. It too was wet and the well was finally plugged back to a depth of 11,859' and the well was completed for production through perforations from 11,376' to 11,524' in the Watton Canyon member of the Twin Creek. The well is currently producing from the interval in what Conoco considers to be a salvage operation.

Although first production from the Conoco UPRR Well No. 33-1 was obtained on February 26, 1984, Conoco did not have the well in final completion status until June 1984 because of equipment problems. The completion test on June 17, 1984, was 804 BOPD, 4 BWPD, and 240 Mcf/Day, the gas rate having been measured at the burn pit. The well is pumped with an electric submersible pump.

Conoco makes application herewith for approval to continue producing the well and flaring the associated gas. In support of this application, we show the following:

1. As mentioned above, the well was tested at a rate of 804 BOPD, 4 BWPD, and 240 Mcf/Day on June 17, 1984. An amended completion report is attached, as the original, submitted to your office on June 28, 1984, did not show the gas production.

2. Attached is a copy of the analysis of a gas sample taken from the well on February 28, 1984. Note that two samples were taken and the analysis is presented with and without the hexanes plus fraction. This is because of the high BTU value, which indicates that some liquids were carried over into the gas stream during sampling.

3. Estimated ultimate gas to be produced is 36 MMcf, based on an estimated ultimate oil recovery of 100,000 barrels and a GOR of 360 SCF/STB.

4. The nearest gas pipeline is approximately 8 miles from the wellsite.

5. Estimated price that could be received for this gas is $3.00/Mcf.

6. Because of the low volume and low expected recovery, a prospective gas purchaser will not lay a line to the well. Conoco would have to install the line to be able to sell the gas. The cost of such a line is estimated to be $425,000.

7. There is no potential for reinjection of the gas, nor are there any other conservation-oriented disposition alternatives other than using as much of the gas as possible for lease fuel purposes.

8. Approximately 50 Mcf/Day of lease fuel is used to operate lease facilities.

9. Based on past and predicted future performance of the UPRR 33-1 well, Conoco has no plans to offset the well. Economic indicators are poor.

For the foregoing reasons, Conoco requests permission from the Board to flare the associated gas from the Conoco UPRR Well No. 33-1 without rate restriction.

If you require additional information, please advise.

Yours very truly,

Mark K. Mosley
Division Manager

kak

attach.

Production Department
Casper Division

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

RECEIVED

JUL 18 1984

DIVISION OF OIL
GAS & MINING

July 13, 1984

Utah Oil and Gas Conservation Commission
Div. of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Gentlemen:

Completion Report - Conoco UPRR 33 No. 1
File: PC-410-CF

Attached is a corrected completion report for the subject well. The gas test was omitted from the original completion report previously submitted.

Very truly yours,

T. C. Thompson
Administrative Supervisor

hfs

Att.

Corrected copy

CONOCO cc R Firth

William L. Brister
Division Manager
Production Department

Conoco Inc.
851 Werner Court
Casper, WY 82601-1311
(307) 261-7800

1 DTS DTS
2 JRB ✓ 4-24
3 GLH ✓ 4-25
4 SLS ✓ 4-26
5 RJF ✓ 4-26
~~6~~
6 RWM ✓ 5-4 30233
7 well FILE

April 20, 1988

Division of Oil, Gas & Mining
355 W. North Temple
3 Triade Center, Suite 350
Salt Lake City, UT 84180-1203

ATTN: Dianne R. Nielson
Division Director

Dear Ms. Nielson:

RE: Gas Venting Approval for UPRR 33-1 Well

Per your letter dated November 2, 1987, the Board of Oil, Gas and Mining approved Conoco's request to vent gas from the subject well located in Section 33, Township 2 North, Range 6 East, Summit County, Utah.

Your approval was granted for a period of six months to expire on April 28, 1988.

Conoco hereby respectfully requests an indefinite extension of that approval and submits the attached data and economic evaluation as appropriate justification.

Please direct any questions concerning this application to Jim Barton at (307) 261-7807.

Very truly yours,

TEMPORARY APPROVAL GRANTED - Letter from DRN dated 5-4-88.

W. L. Brister
Division Manager

JEB/mts

042088.JEB

Attachments

cc: EGS PRD EPD IKB
Roy Gries - Vernal
Mark Mallett - NG&GP - Houston

RECEIVED
APR 22 1988
DIVISION OF
OIL, GAS & MINING

VENTING APPLICATION
UPRR 33-1

1. PROPOSAL - Conoco proposes to continue producing this well at the maximum efficient rate, use necessary fuel gas on the lease, and vent the small remaining volume.

2. JUSTIFICATION - The UPRR 33-1 maintained a very low GOR from completion on 6-17-84 up until late August 1987. At that time, the downhole pump was lowered approximately 1,000' in an attempt to increase production. Initially this downhole change yielded an increase of approximately 100 BOPD and 700 MCFD. Consequently Conoco immediately began pursuing an economical market for the gas. A residue contract was signed with the nearest gas purchaser (Questar) and a processing agreement was proposed to the nearest gas processor (Union). Additionally a cost estimate was prepared for the purchase and installation of a three-mile pipeline necessary to reach the market.

   However, the production declined during the next four months, and the gas once again became uneconomic to market. Conoco attempted to stimulate production in March of this year, but was unsuccessful.

   Currently, only 40 MCFD of gas would be available for sale after fuel usage. The attached table illustrates the economics of selling this gas based on current contracts available. Conoco feels these economics support our request to continue venting the excess associated gas from this well.

3. GAS ANALYSIS - Attached for your information.

4. ESTIMATED GAS RESERVES - Assuming production continues to decline at the historical rate, estimated gas reserves are 146 MMCF.

5. PROXIMITY TO MARKET - Conoco would need to construct a 3 mile pipeline and then connect to an idle Union gathering line (which would involve a gathering fee) in order to transport our gas to the Union processing plant.

6. ESTIMATED GAS PRICE - The best contract offer provided $1.10/MCF.

7. COST OF MARKETING GAS - $70,000 to purchase and install a pipeline.

8. PAYOUT OF MARKETING - The marketing investment will not pay out based on current production levels. The present value of the loss would be $43,100.

9. ALTERNATE DISPOSITION - No reinjection potential exists for this lease. The excess gas must be sold, vented or flared.

10. LEASE OPERATIONS - Lease equipment consumes approximately 43 MCF/D for fuel.

11. PRODUCTION TESTS

DATE	BOPD	MCFD	GOR
9/87	320	590	1,844
10/87	330	420	1,273
11/87	300	360	1,200
12/87	280	350	1,250
1/88	185	105	568
2/88	150	85	566
3/88	210	115	548
4/88	150	93	620

THURMOND-McGLOTHLIN, INC.

BOX 721 ROOSEVELT, UT 84066 722-9953

Sep 22, 1987

OPERATOR:	CONOCO
LEASE:	U.P.R.R. #33-1
STA NO:	NATURAL GAS
DATE SAMPLED:	09-22-87
CYL NO:	TM 125
PRESSURE:	11 PSI
TEMPERATURE:	140 F
ANALYSIS BY:	GWC
SECURED BY:	TM

COMPONENTS		MOL %	GPM
CARBON DIOXIDE	CO2	0.88	0.000
NITROGEN	N2	7.86	0.000
METHANE	C1	67.88	11.452
ETHANE	C2	12.44	3.312
PROPANE	C3	6.07	1.665
Iso-BUTANE	IC4	1.24	0.404
N-BUTANE	NC4	1.74	0.546
Iso-PENTANE	IC5	0.54	0.197
N-PENTANE	NC5	0.55	0.198
HEXANE +	C6+	0.80	0.356
TOTAL		100.00	

GASOLINE CONTENT @ 14.730 PSIA & 60 F

	GPM
PENTANE & HEAVIER	0.751
BUTANE & HEAVIER	1.701
PROPANE & HEAVIER	3.366

BTU 14.73 PSIA & 60 F

DRY	1246
WET	1224

RESULTS TO
CONOCO
VERNAL UTAH

SPECIFIC GRAVITY
0.802

*BASED ON GPA 2145 & 2172

12-Apr-88

TABLE I

CURRENT
GOR: 620

	GAS PRODUCTION						GAS REVENUE		OPERATING GAIN		GAS MARKETING COST				
YEAR	OIL PROD (BOPD)	GAS PROD (MCFD)	CURRENT FUEL USE ON LEASE (MCFD)	GAS AVAILABLE FOR SALE (MCFD)	FUEL USE IN PLANT (MCFD)	RESIDUE GAS AVAILABLE FOR SALE (MCFD)	GAS PRICE ($/MCF)	GAS REVENUE ($M)	COMPRESSION FEE $.27/MCF ($M)	GAS OPERATING GAIN ($M)	YEAR	PIPELINE COST ($M)	GAS OPERATING GAIN ($M)	PV FACTOR (12%)	PRESENT VALUE ($M)
0											0	70.0	(70.0)	1.000	(70.0)
1	150	93	43	50	10	40	1.10	20.1	3.9	16.2	1		16.2	0.893	14.4
2	117	73	43	30	6	24	1.14	12.5	2.4	10.1	2		10.1	0.797	8.1
3	91	56	43	13	3	10	1.41	6.7	1	5.7	3		5.7	0.712	4.0
4	71	44	43	1	0	1	1.73	0.6	0.1	0.5	4		0.5	0.636	0.3
5	55	34	43	0	0	0	1.94	0.0	0	0.0	5		0.0	0.567	0.0
6	43	27	43	0	0	0	3.30	0.0	0	0.0	6		0.0	0.507	0.0
7	34	21	43	0	0	0	3.43	0.0	0	0.0	7		0.0	0.452	0.0
8	27	17	43	0	0	0	3.56	0.0	0	0.0	8		0.0	0.404	0.0
9	21	13	43	0	0	0	3.78	0.0	0	0.0	9		0.0	0.361	0.0
10	16	10	43	0	0	0	4.12	0.0	0	0.0	10		0.0	0.322	0.0
11	12	7	43	0	0	0	4.45	0.0	0	0.0	11		0.0	0.287	0.0
12	9	6	43	0	0	0	4.76	0.0	0	0.0	12		0.0	0.257	0.0
TOTAL(P/D)	646	401	516	94	19	75		$39.9	$7.4	$32.5		70.0	(37.5)		($43.1)
TOTAL	235,790	146,365	188,340	34,310	6,935	27,375									

Discounted payout: Never pays out, loss of $43M.

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 5, 1988

Mr. W. L. Brister
Conoco, Inc.
851 Werner Court
Casper, WY 82601-1311

Dear Mr. Brister:

Re: Request for Gas Venting Approval

The Division of Oil, Gas And Mining has received your request for extension of gas venting approval for the UPRR #33-1 Well located in Section 33, Township 2 North, Range 6 East, Summit County, Utah. Your request was reviewed with the Board of Oil, Gas and Mining during the informal briefing session of their April 28th Board meeting.

The Board determined that your request shall be granted on a temporary and conditional basis. The conditions of approval to vent or flare gas from the subject well are as follows:

1. The approval extends only until the date of the Board hearing on Thursday, June 16, 1988.

2. By May 23, 1988, Conoco shall submit a report to the Division which provides a revised economic justification for continued gas flaring. The evaluation shall take into account the expected revenue from sales of oil as well as incremental revenue from pipeline transportation and sales of gas. The new evaluation should also include appropriate operating and maintenance costs to show whether construction and operation of a gas pipeline can be justified when the total expenses and revenue for the well are considered.

3. By May 23, 1988, Conoco shall submit to the Division an explanation of the differences between production from the well as reported on the monthly production report (form DOGM-56-64-21) and production test volumes shown on page 3 of your request for gas venting approval. You should also explain why no vented or flared amounts are reported on the monthly disposition report (form DOGM-56-64-22) for the same period.

4. The volumes of gas allowed to be vented or flared under this approval shall comply with the producing conditions stated in the November 2, 1988, approval letter from the Division to Conoco.

After receiving the required information, the Division will again review the situation with the Board during the informal briefing session of their May 26th Board meeting. You will be informed of the Board's decision following that meeting.

If you have any questions concerning this matter, please contact John Baza at the letterhead address and telephone number.

Best regards,

Dianne R. Nielson

Dianne R. Nielson
Director

JRB/tc
Enclosures
cc: R.J. Firth
Well File
0333U/9

well file

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 6, 1988

Mr. W. L. Brister
Conoco, Inc.
851 Werner Court
Casper, Wyoming 82601-1311

Dear Mr. Brister:

Re: Request for Gas Venting or Flaring Approval

The Division of Oil, Gas And Mining has received additional justification information for extension of gas venting or flaring approval for the UPRR #33-1 Well located in Section 33, Township 2 North, Range 6 East, Summit County, Utah. The submitted information was requested by the Division by letter dated May 5, 1988. Your request was again reviewed and discussed with Board of Oil, Gas and Mining during the informal briefing session of their May 26, 1988 Board meeting.

The Board determined that your request to vent or flare gas from the subject well shall be granted for an indefinite period of time according to conditions established by the original approval to vent or flare granted on August 3, 1984. The conditions of approval to vent or flare gas from the subject well are as follows:

1. The well may be fully produced and associated gas vented or flared as long as the gas-oil ratio (GOR) remains 2000:1 or less as averaged on a monthly basis.

2. If the GOR exceeds 2000:1, the well may be produced on a restricted basis - the restricted rate of gas production being equivalent to what a well having a GOR of 2000:1 would produce at 100 percent deliverability, or alternatively, the restricted rate of gas production shall be 100 MCF per day maximum. You may vent or flare the greater of either amount.

Please note that if future development occurs in area of the well or if gas production significantly increases, the Board may choose to reevaluate Conoco's approval to vent or flare. The Board may then require additional justification for continued gas venting or flaring from the well. You will be notified in the event that more information is necessary.

If you have any further questions concerning this approval, please contact John Baza at the letterhead address and telephone number. Thank you for your consideration in this matter.

Best regards,

Dianne R. Nielson

Dianne R. Nielson
Director

JRB
cc: R. J. Firth
Well file
0458T-48-49

16

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.: Fee - UPRR

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
JUN 20 1988
DIVISION OF OIL, GAS & MINING

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

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Conoco Inc.

8. FARM OR LEASE NAME: Conoco UPRR 33

3. ADDRESS OF OPERATOR: 851 Werner Court, Casper, WY 82601-1311

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 990' FSL, 990' FEL (SE/SE)

10. FIELD AND POOL, OR WILDCAT: Lodgepole/Jurassic

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T2N, R6E S.L.M.

14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
43-043-30233	7,485' GL	Summit	UT

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

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

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

See attached

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2- MICROFILM	
3- FILE	

UOGCC (3), BLM-Vernal (2) AFE 4362 (SRL), WIO

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

SIGNED T C Thompson TITLE Admin. Supervisor DATE 06-08-88

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

84

Production Department
Casper Division

Conoco Inc.
851 Werner Court
Casper, WY 82601-1311
(307) 261-7800

FINALS ON REMEDIAL JOBS

05/10/88

LODGEPOLE (OJG) - Jurassic (OUQ) - Summit County, UT - .8000000 W.I.
Producing Lease Code: 7156020 Objective: Perf Wash with Acid Solvent

UPRR 33 #1 - AFE 12-61-4362

Location: 990' FSL, 990' FEL (SE/SE) Section 23, T2N, R6E

BEFORE	AFTER
TD: 13,057' PBTD: 11,859'	NC
Elevations: GL 7,485', KB 7,510' RBM 25'	NC
Casing: 9-5/8" @ 10,525'	NC
Tubing: 55 jts 2-3/8", 4.7#/ft, (1,662') and 327 jts, 2-7/8", 6.5#/ft (9,942')	NC
Watton Canyon Perfs @ 2 JSPF	NC

Interval	Footage	No. Shots
11,376'-382'	6'	
11,392'-420'	28'	56
11,424'-444'	20'	40
11,446'-478'	32'	64
11,492'-524'	32'	64
11,560'-594'	34'	68

Pumped 290 BOPD (3-10-87)	Pumped 160 BOPD, 15 BWPD, (04/22/88)
Work Started: 03/05/88	Work Completed: 03/17/88

WORK DONE: PU Baker SAP tool. RIH below bottom perf. Set packer and tested to 3,500' SDON. Washed perfs from 11,563'-11,569' with 0 pressure. Well on vacuum. Wash from 11,545'-11,541' with 3,300 psi at 6/10 BPM. Wash 11,541'-11,537' with 2,250 psi at 5/10 BPM. Washed 11,037'-11,532' w/ 2,300 psi at 5/10 BPM. Pull in blank pipe, tested SAP packer. SAP tool would not test. Ran to 11,609'. Tested tools. Would not hold pressure. Started in hole to check packer. Pulled up 3,000'. Finished POOH. Tools need repair. No tools available. RIH with Baker Model G Lok-set bridge plug and Model AE Retrievamatic packer. Set bridge plug at 11,525' and packer at 11,460'. Pumped 48 bbls acid and displaced with 65 bbls 2% KCL. Well on vacuum. Pumped at 3.5 BPM at 0 PSI. Moved tools. Set bridge plug at 11,460' and packer at 11,334'. Pumped 107 bbls acid and 65 bbls 2% KCL flush at 8 BPM with 0 pressure. Well on vacuum. Ran in with swab. Ran swab to 2-3/8" crossover. Swab came out dry. SDON. Finished POOH. Lost bridge plug. LD packer. Picked up bridge plug pulling tool. RIH to 11,579'. Caught bridge plug. POOH, LD bridge plug. Ran 2,700' 2-3/8"

Production Department
Casper Division

Conoco Inc.
851 Werner Court
Casper, WY 82601-1311
(307) 261-7800

tubing. Picked up mud anchor. Ran 1 jt 2-7/8". SDON. Finished running tbg. Lan configuration. Picked up reserviced pump. Ran rods. Hung well on at 4:00 P.M. Well came back - 160 BOPD, average 15 BWPD. Normal daily water production.
FINAL REPORT

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.: Not Available

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Conoco Inc.

8. FARM OR LEASE NAME: UPPR 33

3. ADDRESS OF OPERATOR: 851 Werner Ct., Casper, WY 82601

9. WELL NO.: 1

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

Footage for the well is unavailable. The well files have been forwarded to the new owner.

10. FIELD AND POOL, OR WILDCAT: Lodgepole/Jurassic

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T2N, R6E, (SE/SE)

14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
43-043-30233 Not available	Not available	Summit	Utah

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Change of Operator			[ ]
(Other)			[XX]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

The above mentioned well was sold to:

Union Pacific Resources Company
P.O. Box 7
Fort Worth, TX 76101-0007

RECEIVED
OCT 31 1991
DIVISION OF
OIL GAS & MINING

Date of transfer was effective: 1-1-91.
Closing date was effective: 10-4-91

Records transferred to new owner. Items 5, 14, and 15 not available in Casper office.

UOGM(3); BLM(2); BWG; JKH; Union Pacific

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

SIGNED J C Thompson TITLE Administrative Supervisor DATE 10/29/91

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.: UPRR

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Union Pacific Resources Company ATTN: J.L. Rector

8. FARM OR LEASE NAME: Conoco-UPRR 33

3. ADDRESS OF OPERATOR: P. O. Box 7 -MS 3407, Fort Worth, TX 76101-0007 (817)877-7956

9. WELL NO.: #1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: SE SE 990'FSL & 990' FEL

10. FIELD AND POOL, OR WILDCAT: Lodgepole

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 33-T2N-R6E

14. PERMIT NO.: 43-043-30253

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7510' KB

12. COUNTY OR PARISH: Summit

13. STATE: UTAH

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) CHANGE OF OPERATOR			[XX]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

Union Pacific Resources Company assumed operations of the subject well from Conoco, Inc. effective October 8, 1991.

NEW OPERATOR: Union Pacific Resources Company
P. O. Box 7 - MS 3407
Fort Worth, Texas 76101-0007
(817) 877-7956

Attn: J. L. Rector

OLD OPERATOR: Conoco, Inc.
851 Werner Ct.
Casper, WY 82601
(307) 261-7800

RECEIVED
NOV 05 1991
DIVISION OF OIL GAS & MINING

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

SIGNED J L Rector J.L. Rector (RM) TITLE Regulatory Analyst DATE 10/31/91

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

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, Utah 84180-1203
801-538-5340

November 7, 1991

Mr. J.C. Thompson
Conoco, Inc.
851 Werner Court
Casper, Wyoming 82601

Dear Mr. Thompson:

Re: Notification of Sale or Transfer of Fee Lease Interest - UPRR 33-1 Well, Section 33, Township 2N, Range 6E, Summit County, Utah, API No. 43-043-30233

The division has received notification of a change of operator from Conoco, Inc. to Union Pacific Resources Company for the referenced well which is located on a fee lease.

Rule R615-2-10 of the Utah Oil and Gas Conservation General Rules, requires that the owner of a lease provide notification to any person with an interest in such lease (working interest or royalty interest), when all or part of that interest in the lease is sold or transferred.

This letter is written to advise Conoco, Inc. of its responsibility to notify all individuals with an interest in this lease of the change of operator. Please provide written documentation of this notification to the division no later than November 28, 1991.

Sincerely,

Don Staley

Don Staley
Administrative Supervisor
Oil and Gas

ldc
cc: R.J. Firth
WOI201

visi[on] of Oil, Gas and Mining
PERATOR CHANGE WORKSHEET

Routing:

1- LCR	7- LCR
2- DTS	DTS
3- VLC	✓
4- RJF	✓
5- RWM	✓
6- ADA	

tach all documentation received by the division regarding this change.
itial each listed item when completed. Write N/A if item is not applicable.

X Change of Operator (well sold) ☐ Designation of Agent
Designation of Operator ☐ Operator Name Change Only

e operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-08-91)

) (new operator) UNION PACIFIC RESOURCES CO.
(address) P. O. BOX 7, MS 3408
FORT WORTH, TX 76101-0007
J.L. RECTOR
phone (817) 877-6000
account no. N9465

FROM (former operator) CONOCO INC.
(address) 851 WERNER COURT
CASPER, WY 82601-1396
phone (307) 261-7800
account no. N 0260

ll(s) (attach additional page if needed):

ame: UPRR 33 #1 / WTCYN	API: 43-043-30233	Entity: 192	Sec 33	Twp 2N	Rng 6E	Lease Type: FEE
ame:	API:	Entity:	Sec	Twp	Rng	Lease Type:
ame:	API:	Entity:	Sec	Twp	Rng	Lease Type:
ame:	API:	Entity:	Sec	Twp	Rng	Lease Type:
ame:	API:	Entity:	Sec	Twp	Rng	Lease Type:
ame:	API:	Entity:	Sec	Twp	Rng	Lease Type:
ame:	API:	Entity:	Sec	Twp	Rng	Lease Type:

PERATOR CHANGE DOCUMENTATION

lcr 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 10-31-91)

lcr 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 11-5-91)

N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.

N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.

lcr 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (11-6-91)

lcr 6. Cardex file has been updated for each well listed above.

lcr 7. Well file labels have been updated for each well listed above.

lcr 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (11-6-91)

lcr 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

- OVER -

OR CHANGE WORKSHEET (CONTINUED) Initial ch item when completed. Write N/A i. em is not applicable.

TY REVIEH

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. (General Ins. Co. of America #2447222 $80,000)

2. A copy of this form has been placed in the new and former operators' bond files. * Upon completion of routing.

3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date Nov. 4, 1991. If yes, division response was made by letter dated _____ 19___.

E INTEREST OHNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 11-7 19 91, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

2. Copies of documents have been sent to State Lands for changes involving State leases.

ING

1. All attachments to this form have been microfilmed. Date: January 24 19 92.

G

1. Copies of all attachments to this form have been filed in each well file.

2. The original of this form and the original attachments have been filed in the Operator Change file.

ENTS

/34-35

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

RECEIVED SEP 29 DIV. OF OIL, GAS & MINING

7. Unit Agreement Name: N/A

1. Type of Well: OIL ☐ GAS ☒ OTHER:

8. Well Name and Number: Conoco UPRR 33-1

2. Name of Operator: Union Pacific Resources Company

9. API Well Number: 43-043-30233

3. Address and Telephone Number: P.O. Box 7, MS 3006, Fort Worth, TX 76101-0007 817-877-7956

10. Field and Pool, or Wildcat: Lodgepole Field/Nugget

4. Location of Well

Footages:

County: Summit County

QQ, Sec., T., R., M.: SESE S33 T2N R6E

State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
☐ Abandonment	☐ New Construction	☐ Abandonment *	☐ New Construction
☐ Casing Repair	☐ Pull or Alter Casing	☐ Casing Repair	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recompletion	☐ Change of Plans	☐ Shoot or Acidize
☒ Conversion to Injection	☐ Shoot or Acidize	☐ Conversion to Injection	☐ Vent or Flare
☐ Fracture Treat	☐ Vent or Flare	☐ Fracture Treat	☐ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	☐ Other	
☐ Other			

Nugget Formation

Approximate date work will start: Upon Approval

Date of work completion: _____

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

* Must be accompanied by a cement verification report.

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

Union Pacific Resources Company requests approval to conduct a test to evaluate the nugget information for a possible produced water injection zone. As part of this work-over, UPRC will inject a maximum of 1000 bbls. of water per day at a rate of 2500psi. Details of this workover procedure are attached for your review. Also attached for your review is a copy of the old completion report to provide you history of the wellbore.

Furthur be advised the UPRC has control of all leases in a one mile r adius. There are no other producing wells in this one mile radius for the Nugget Formation. There is one well in Section 34 producing in the Twin Creek formation. There are abandoned wells in the nugget.
UPRC understands that once the formation proves suitable for injection, that the appropriate application will be made for injection and proper notification will be given.

13.

Name & Signature: J L Rector Joy L. Rector Title: Sr. Regulatory Analyst Date: 9/28/94

(This space for State use only)

(12/92) (See Instructions on Reverse Side)

43-043-30233 (Well numb.)

Conoco UPRR 33-1
SESE S33 T2N R6E
Summit County, Utah
Elevation = 7485' KB = 25' TD = 13,047' PBTD = 13,028'

Surface Casing:	13-3/8" 61# J-55 @ 3,000'. Cemented in 17-1/2" hole with 2,185 sxs class A cement. Burst - 3090 psig. Collapse - 1540 psig. 9-5/8" 47# N-80 and 53.5# P-110 @ 10,525'. Cemented in 12-1/4" hole w/550 sxs class G cement. Burst - 6870 psig. Collapse - 4750 psig.
Production Casing:	7-5/8" 39# P-110 FL-4S liner, top @ 10,322", bottom @ 10,717'. Cemented in 8-1/2" hole w/250 sxs class H cement. Burst - 12,620 psig. Collapse - 11,060 psig. 5" 18# P-110 (drift = 4.151") top @ 10,181', bottom @ 13,028'. Cemented in 6-1/2" hole w/420 sxs 50:50 Pozmix. Burst - 13,940 psig. Collapse - 13,450 psig.
Tubing:	2-7/8" 6.5# N-80 EUE 8rd tubing (9988') and 2-3/8" 4.7# N-80 tbg (1671') @ 11,604'. 9-5/8" Baker tubing anchor @ 9911'.
Rods and Pump:	None.
Perforations:	Watton Canyon 11,376' - 11,594' CIBP @ 11,859' Slide Rock 11,938' - 12,015' Cement Retainer @ 12,050' (100 sxs) Nugget 12,060' - 12,610' 4 JSPF
Notes:	TOC @ 10,550' from Schlumberger CBL dated 1-26-84. Drillout of 7-5/8" liner - cement tagged @ 10,124' - lap tested to 1000 psig. Drillout of 5" liner - cement tagged @ 10,167' - lap tested to 950 psig.

Procedure to test the Nugget for SWD characteristics:

1. MIRU workover rig with circulating pump and tank.
2. Haul 10,500' of 2-7/8" 6.5# N-80 tubing (collar OD - 3.668") and 3,000' of 2-7/8" 10.4# drill pipe (collar OD - 3.125", tensile pull of 171,000 #s at 80%) for a workstring to location.
3. If necessary, kill the well with lease water. ND wellhead and NU BOP. Unseat the tubing anchor and POH with the tubing. Lay the tubing down for inspection. PU workstring.
4. MIRU wireline truck. RIH with 9-5/8" 47# gauge ring and junk basket to 10,181'. POH. RIH with a 5" 18# gauge ring and junk basket to PBTD (11,859'). POH.
5. PU 5" 18# bit and scraper and RIH to PBTD (11,859'). Circulate bottoms up with lease water. Pull up to the top of the Watton Canyon perforations (11,376'). Options are to run a bit and scraper in the 9-5/8" casing and/or set a BP in the 9-5/8" casing for a pressure test.
6. Inject 25-50 bbls of lease water into the Watton Canyon to the determine the amount of cement to pump in the squeeze job. POH. LD bit and scraper.

7. PU a Baker 5" 18# retrievematic compression packer. RIH and set the packer @ 11,300'. Pressure test the backside (casing string and all liner laps) to 1000 psig surface pressure for 15 minutes. If the pressure test fails, we may want to redo the injection test.
8. Based on the injection test, squeeze 50-200 sxs class G cement into the Watton Canyon perforations. Let the cement sit overnight with 500 psig surface pressure.
9. POH with the packer. RIH with a 4" bit. Drill the cement out to 11,600' and pressure test the squeeze job to 1000 psig surface pressure (5988 psig hydrostatic pressure) for 15 minutes . If the pressure test fails resqueeze the Watton Canyon perforations.
10. RIH with a 4" bit and drill out the BP @ 11,859' and push it to the top of the retainer @ 12,050'. POH. Laydown the bit.
11. PU the Baker retrievematic compression packer and RIH and set the packer @ 11,880'. Inject 25-50 bbls of water into the Slide Rock to determine the amount of cement to pump in the squeeze job.
12. Based on the injection test squeeze 50-200 sxs class G cement into the Slide Rock perforations. Let the cement sit overnight with 500 psig surface pressure.
13. POH with the packer. RIH with a 4" bit. Drill the cement out to 12,020' and pressure test the squeeze job to 1000 psig surface pressure (6167 psig hydrostatic pressure) for 15 minutes. If the pressure test fails resqueeze the Slide Rock perforations.
14. Attempt to drill up the CIBP and cement retainer with the 4" bit. If the CIBP or cement retainer start spinning and we are unable to drill them up with the bit, proceed to step 15, otherwise proceed to step 16.
15. RIH w/ a cutrite tungston shoe (washpipe) w/ dimples and a 4' extension. Burn over the CIBP and retainer @ 12,050'. POH and laydown the CIBP and retainer.
16. RIH with a 4" bit and drill out the cement from 12,050' to 12,610'. Continue to RIH to 12,900'. Circulate bottoms up for 30 minutes. Pressure test the casing to 1000 psig surface pressure (6547 psig hydrostatic presssure) for 15 minutes. POH.
17. MIRU OWP. Perforate the Nugget Formation as follows:

12,060' - 12,120'	60'
12,180' - 12,210'	30'
12,225' - 12,235'	10'
12,386' - 12,416'	30'
12,576' - 12,608'	32'
12,675' - 12,710'	35'

3-3/8" OD casing guns to be 4 JSPF, 0.38" diameter holes, 90 degree phasing, and premium charges. RDMO perforating company.
18. PU Baker's nickel coated R-3 injection packer on 2-3/8" 4.7# N-80 internally coated tubing with MMS connections. RIH and set the injection packer @ 12,045'. Place 500 psig on the backside. Option is to do the step rate test with regular steel tubing.
19. Complete step rate test to evaluate injectivity into the Nugget.

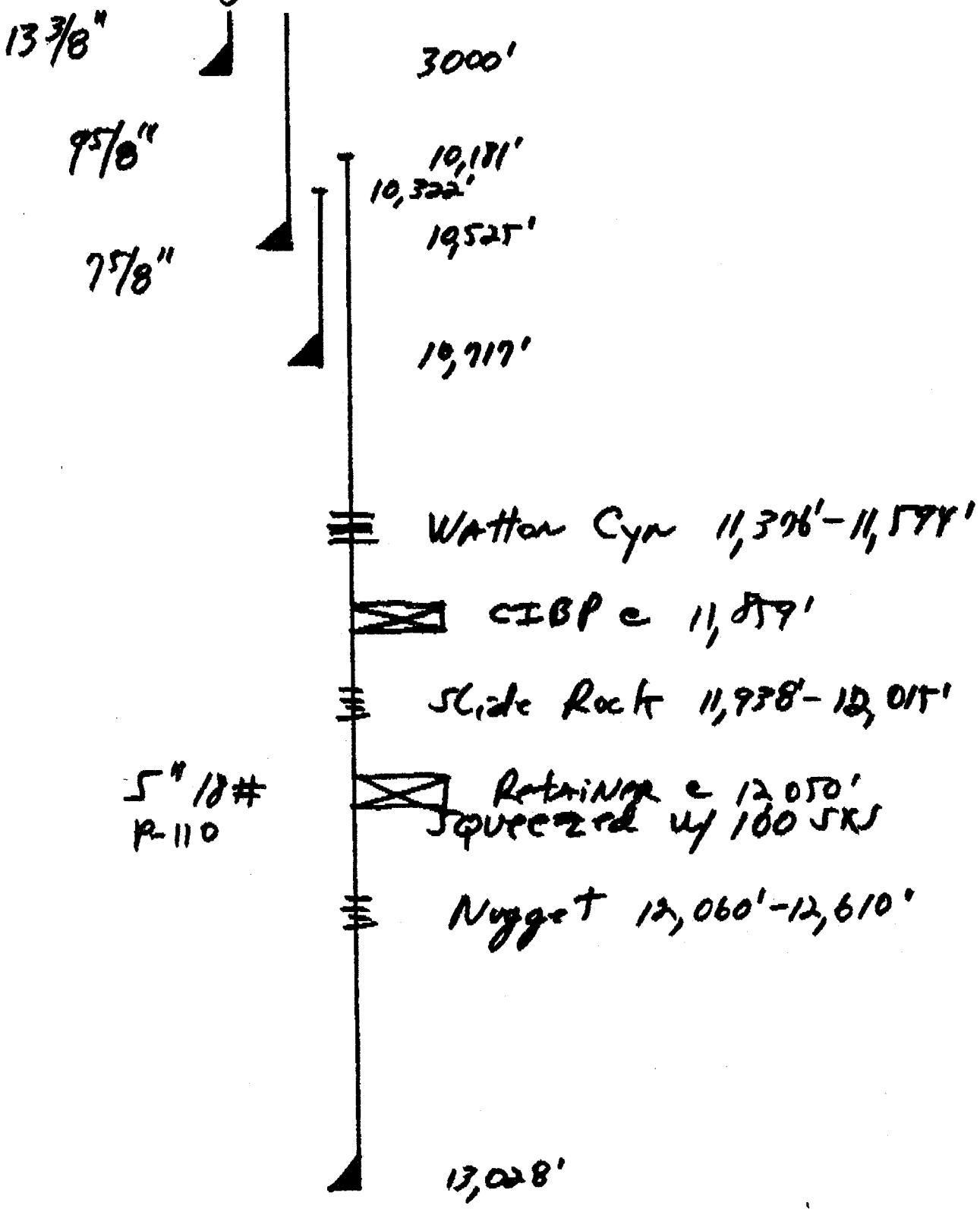
cc: J. Neuner
J. Rector
P. Smith
P. Straub

Union Pacific Resources
A Subsidiary of Union Pacific Corporation

UNION PACIFIC RESOURCES COMPANY

SUBJECT Conoco UPRR 33-1
Wellbore Diagram

SHEET ____ OF ____
DATE 9-22-94
BY PKS



DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
SEP 9
DIV. OF OIL, GAS & MINING

5. Lease Designation and Serial Number: Fee

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

7. Unit Agreement Name: N/A

1. Type of Well: OIL ☐ GAS ☒ OTHER:

8. Well Name and Number: Conoco UPRR 33-1

2. Name of Operator: Union Pacific Resources Company

9. API Well Number: 43-043-30233

3. Address and Telephone Number: P.O. Box 7, MS 3006, Fort Worth, TX 76101-0007 817-877-7956

10. Field and Pool, or Wildcat: Lodgepole Field/Nugget

4. Location of Well

Footages:

County: Summit County

QQ, Sec., T., R., M.: SESE S33 T2N R6E

State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
☐ Abandonment	☐ New Construction	☐ Abandonment *	☐ New Construction
☐ Casing Repair	☐ Pull or Alter Casing	☐ Casing Repair	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recompletion	☐ Change of Plans	☐ Shoot or Acidize
☒ Conversion to Injection	☐ Shoot or Acidize	☐ Conversion to Injection	☐ Vent or Flare
☐ Fracture Treat Nugget Formation	☐ Vent or Flare	☐ Fracture Treat	☐ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	☐ Other	
☐ Other			

Approximate date work will start: Upon Approval

Date of work completion:

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

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13.

Name & Signature: J L Rector Joy L. Rector Title: Sr. Regulatory Analyst Date: 9/28/94

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 10-26-94
BY:
Attached Conditions of Approval.

(12/92) (See Instructions on Reverse Side)

Utah Division of Oil, Gas and Mining

Attachment to **Sundry Notice and Report on Wells** dated September 28, 1994.

Subject: Request of Union Pacific Resources Company for permission to perform injection testing on the **UPRR 33-1** well, sec. 33, T2N, R6E, Summit, County. API = 43-043-30233

Conditions of Approval:

- The test will be limited to 10,000 barrels of water injected. The information gathered will be provided to the Division, and if necessary, a request for an extension of the testing period will be made at that time.

43-043-30233 (Well num.)

Conoco UPRR 33-1
SESE S33 T2N R6E
Summit County, Utah
Elevation = 7485' KB = 25' TD = 13,047' PBTD = 13,028'

Surface Casing:	13-3/8" 61# J-55 @ 3,000'. Cemented in 17-1/2" hole with 2,185 sxs class A cement. Burst - 3090 psig. Collapse - 1540 psig. 9-5/8" 47# N-80 and 53.5# P-110 @ 10,525'. Cemented in 12-1/4" hole w/550 sxs class G cement. Burst - 6870 psig. Collapse - 4750 psig.
Production Casing:	7-5/8" 39# P-110 FL-4S liner, top @ 10,322", bottom @ 10,717'. Cemented in 8-1/2" hole w/250 sxs class H cement. Burst - 12,620 psig. Collapse - 11,060 psig. 5" 18# P-110 (drift = 4.151") top @ 10,181', bottom @ 13,028'. Cemented in 6-1/2" hole w/420 sxs 50:50 Pozmix. Burst - 13,940 psig. Collapse - 13,450 psig.
Tubing:	2-7/8" 6.5# N-80 EUE 8rd tubing (9988') and 2-3/8" 4.7# N-80 tbg (1671') @ 11,604'. 9-5/8" Baker tubing anchor @ 9911'.
Rods and Pump:	None.
Perforations:	Watton Canyon 11,376' - 11,594' CIBP @ 11,859' Slide Rock 11,938' - 12,015' Cement Retainer @ 12,050' (100 sxs) Nugget 12,060' - 12,610' 4 JSPF
Notes:	TOC @ 10,550' from Schlumberger CBL dated 1-26-84. Drillout of 7-5/8" liner - cement tagged @ 10,124' - lap tested to 1000 psig. Drillout of 5" liner - cement tagged @ 10,167' - lap tested to 950 psig.

Procedure to test the Nugget for SWD characteristics:

1. MIRU workover rig with circulating pump and tank.
2. Haul 10,500' of 2-7/8" 6.5# N-80 tubing (collar OD - 3.668") and 3,000' of 2-7/8" 10.4# drill pipe (collar OD - 3.125", tensile pull of 171,000 #s at 80%) for a workstring to location.
3. If necessary, kill the well with lease water. ND wellhead and NU BOP. Unseat the tubing anchor and POH with the tubing. Lay the tubing down for inspection. PU workstring.
4. MIRU wireline truck. RIH with 9-5/8" 47# gauge ring and junk basket to 10,181'. POH. RIH with a 5" 18# gauge ring and junk basket to PBTD (11,859'). POH.
5. PU 5" 18# bit and scraper and RIH to PBTD (11,859'). Circulate bottoms up with lease water. Pull up to the top of the Watton Canyon perforations (11,376'). Options are to run a bit and scraper in the 9-5/8" casing and/or set a BP in the 9-5/8" casing for a pressure test.
6. Inject 25-50 bbls of lease water into the Watton Canyon to the determine the amount of cement to pump in the squeeze job. POH. LD bit and scraper.

7. PU a Baker 5" 18# retrievematic compression packer. RIH and set the packer @ 11,300'. Pressure test the backside (casing string and all liner laps) to 1000 psig surface pressure for 15 minutes. If the pressure test fails, we may want to redo the injection test.
8. Based on the injection test, squeeze 50-200 sxs class G cement into the Watton Canyon perforations. Let the cement sit overnight with 500 psig surface pressure.
9. POH with the packer. RIH with a 4" bit. Drill the cement out to 11,600' and pressure test the squeeze job to 1000 psig surface pressure (5988 psig hydrostatic pressure) for 15 minutes . If the pressure test fails resqueeze the Watton Canyon perforations.
10. RIH with a 4" bit and drill out the BP @ 11,859' and push it to the top of the retainer @ 12,050'. POH. Laydown the bit.
11. PU the Baker retrievematic compression packer and RIH and set the packer @ 11,880'. Inject 25-50 bbls of water into the Slide Rock to determine the amount of cement to pump in the squeeze job.
12. Based on the injection test squeeze 50-200 sxs class G cement into the Slide Rock perforations. Let the cement sit overnight with 500 psig surface pressure.
13. POH with the packer. RIH with a 4" bit. Drill the cement out to 12,020' and pressure test the squeeze job to 1000 psig surface pressure (6167 psig hydrostatic pressure) for 15 minutes. If the pressure test fails resqueeze the Slide Rock perforations.
14. Attempt to drill up the CIBP and cement retainer with the 4" bit. If the CIBP or cement retainer start spinning and we are unable to drill them up with the bit, proceed to step 15, otherwise proceed to step 16.
15. RIH w/ a cutrite tungston shoe (washpipe) w/ dimples and a 4' extension. Burn over the CIBP and retainer @ 12,050'. POH and laydown the CIBP and retainer.
16. RIH with a 4" bit and drill out the cement from 12,050' to 12,610'. Continue to RIH to 12,900'. Circulate bottoms up for 30 minutes. Pressure test the casing to 1000 psig surface pressure (6547 psig hydrostatic presssure) for 15 minutes. POH.
17. MIRU OWP. Perforate the Nugget Formation as follows:

12,060' - 12,120'	60'
12,180' - 12,210'	30'
12,225' - 12,235'	10'
12,386' - 12,416'	30'
12,576' - 12,608'	32'
12,675' - 12,710'	35'

3-3/8" OD casing guns to be 4 JSPF, 0.38" diameter holes, 90 degree phasing, and premium charges. RDMO perforating company.
18. PU Baker's nickel coated R-3 injection packer on 2-3/8" 4.7# N-80 internally coated tubing with MMS connections. RIH and set the injection packer @ 12,045'. Place 500 psig on the backside. Option is to do the step rate test with regular steel tubing.
19. Complete step rate test to evaluate injectivity into the Nugget.

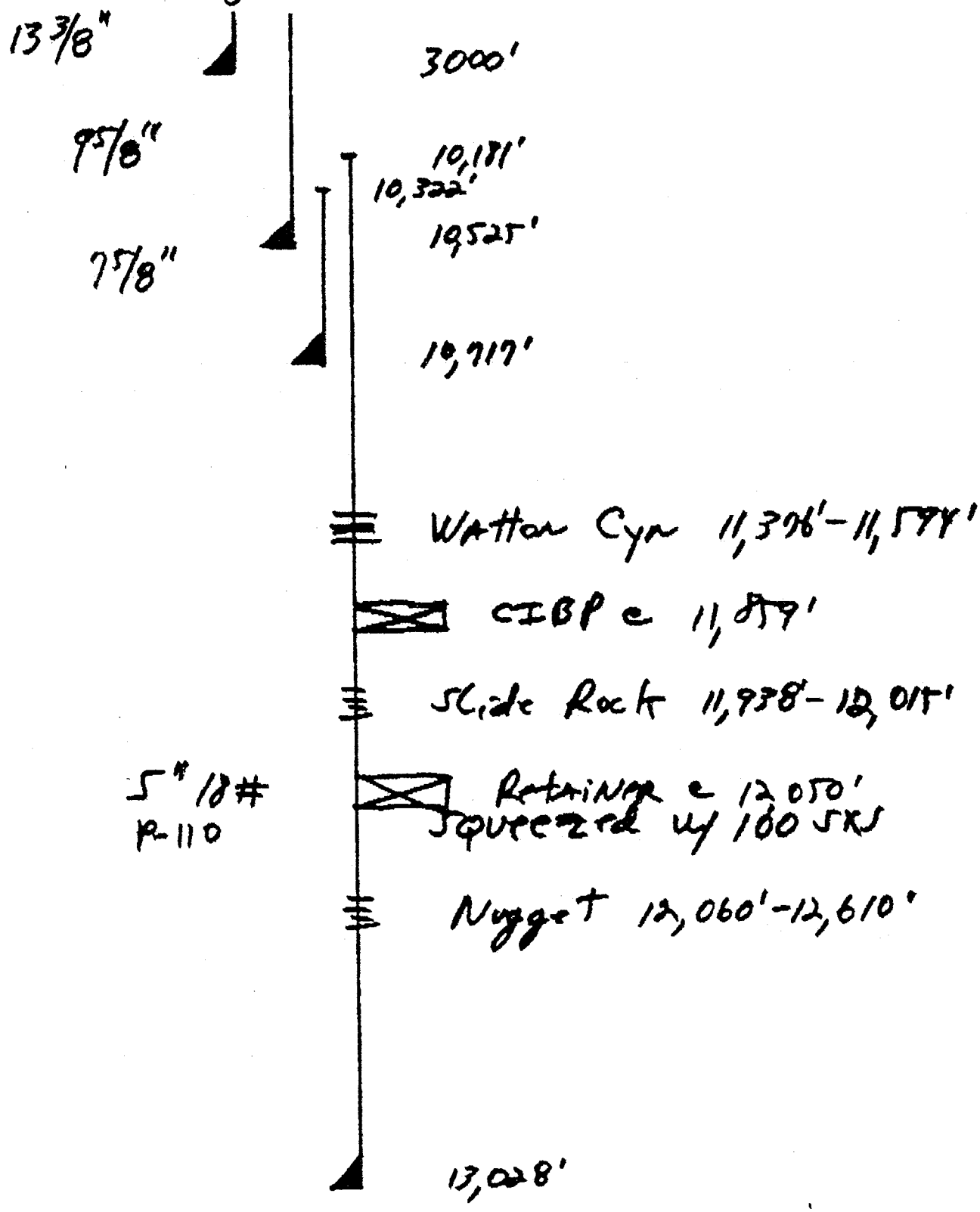
cc: J. Neuner
J. Rector
P. Smith
P. Straub

Union Pacific Resources
A Subsidiary of Union Pacific Corporation

UNION PACIFIC RESOURCES COMPANY

SHEET ____ OF ____
DATE 9-22-94
BY PKS

SUBJECT Conoco UPRR 33-1
Wellbore Diagram



Form EG-7 (08-87)

Joy L. Rector
Senior Regulatory Analyst

Union Pacific Resources
A Subsidiary of Union Pacific Corporation

Mail Station No. 3006
P.O. Box 7
Fort Worth, TX 76101-0007
Bus: 817/877-7956
Fax: 817/877-7942

Conoco UPRR 33-1
SESE S33 T2N R6E
Summit County, Utah
Elevation = 7485' KB = 25' TD = 13,047' PBTD = 13,028'

Surface Casing:	13-3/8" 61# J-55 @ 3,000'. Cemented in 17-1/2" hole with 2,185 sxs class A cement. Burst - 3090 psig. Collapse - 1540 psig. 9-5/8" 47# N-80 and 53.5# P-110 @ 10,525'. Cemented in 12-1/4" hole w/550 sxs class G cement. Burst - 6870 psig. Collapse - 4750 psig.
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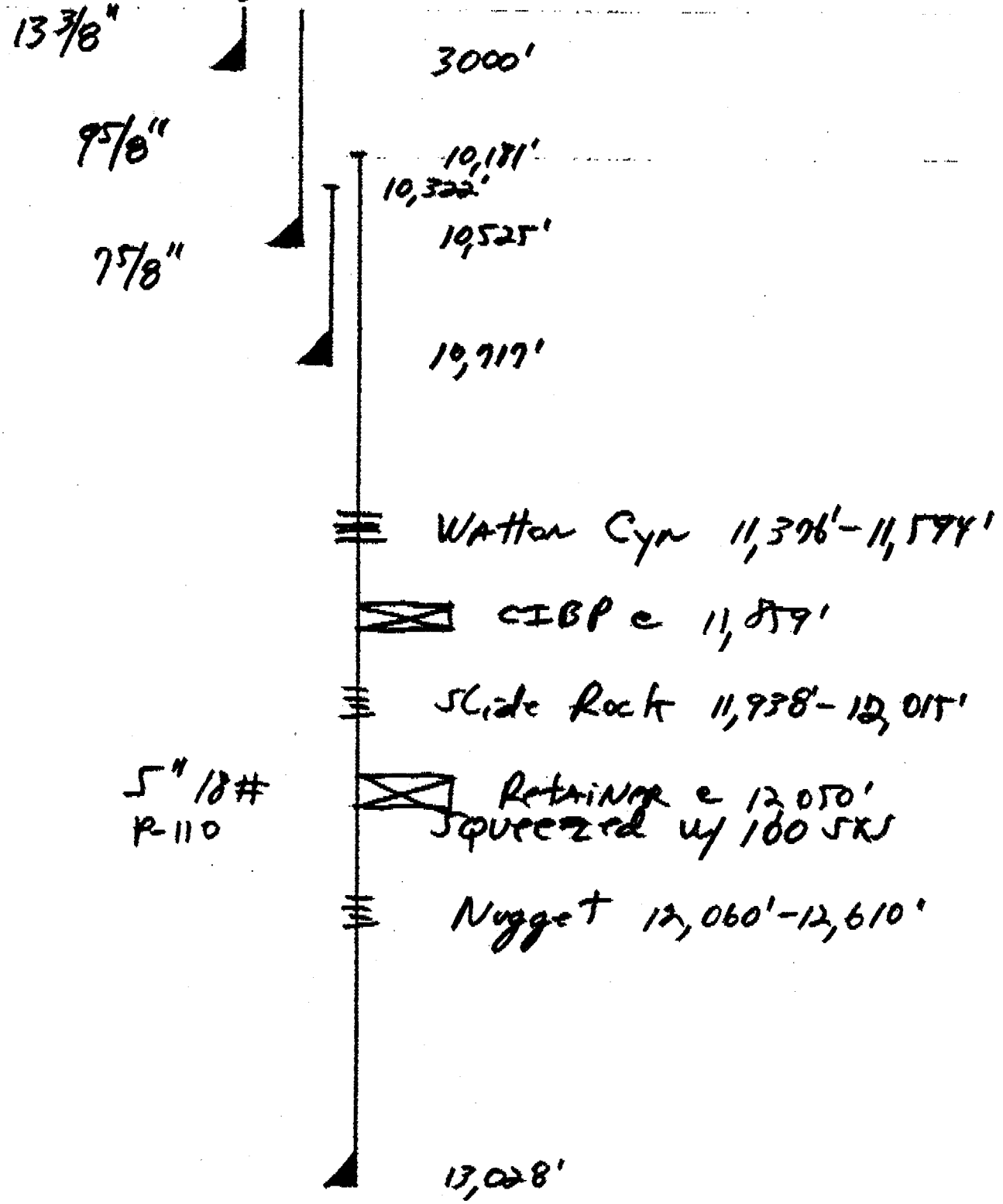
cc: J. Neuner
J. Rector
P. Smith
P. Straub

Union Pacific Resources
A Subsidiary of Union Pacific Corporation

UNION PACIFIC RESOURCES COMPANY

SUBJECT Conoco UPRR 33-1
Wellbore Diagram

SHEET ____ OF ____
DATE 9-22-94
BY PKS



Schlumberger

N-D Log 1-20-84

RUN 03-1

HV 100 cu. ft.

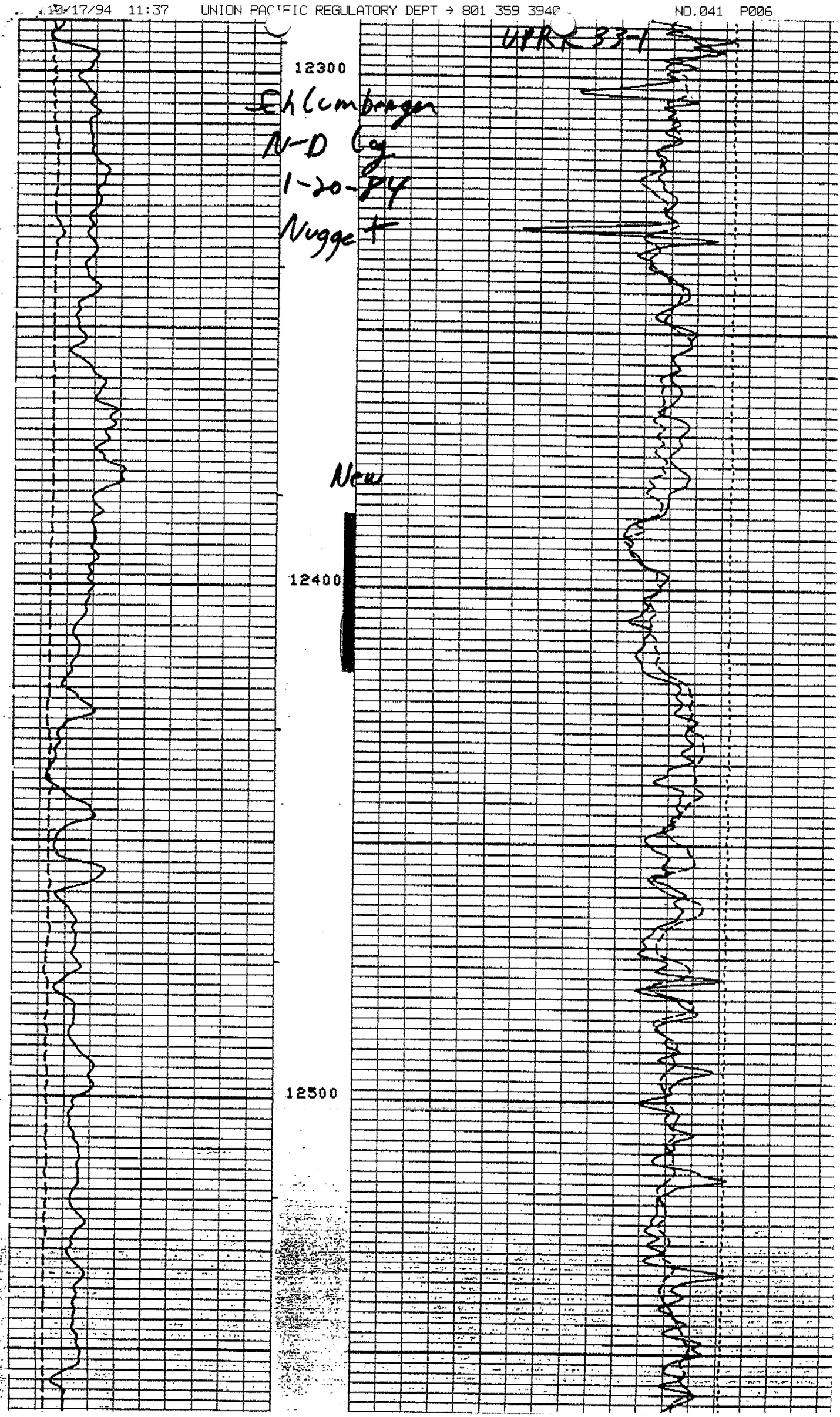
Old

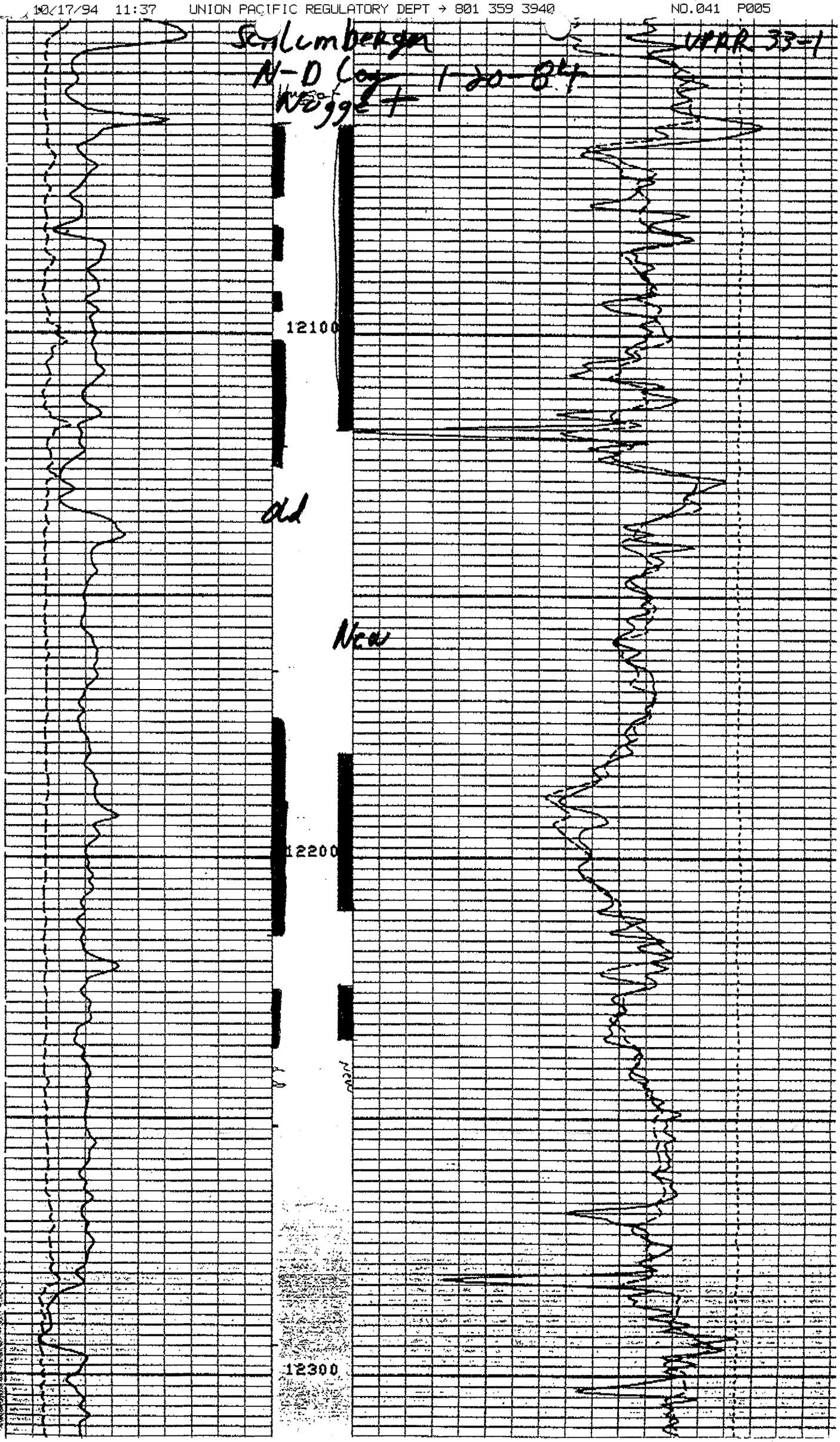
12600

New

12700

12800


UPRC 33-1
12300
Schlumberger
N-D Log
1-20-94
Nugget
New
12400
12500

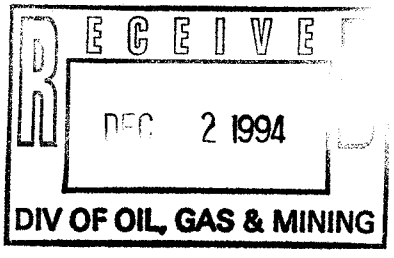

Schlumberger
N-D Log 1-20-84
UPRR 33-1
12100
Old
New
12200
12300

Union Pacific Resources
A Subsidiary of Union Pacific Corporation

December 1, 1994

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

ATTN: Don Jarvis



RE: Application For Injection Well
Conoco UPRC 33-1 SWD
Section 33, T. 2 N., R. 6 E., SLBM
Summit County, Utah

Dear Mr. Jarvis:

Enclosed please find the above referenced application and the following supporting material:

1. Attachment 1 - Surface, working interest and/or mineral owners within a one-half mile radius of the location of the proposed disposal well

2. Attachment 2 - Affidavit of Notification to the above listed surface, working interest and/or mineral owners

3. Attachment 3 - Plat of the area showing location of the proposed disposal well and existing wells and surface, working interest and/or mineral owners within a one-half mile radius of the proposed disposal well

4. Attachment 4 - Representative electric log of the proposed disposal reservoir annotated with formation tops

5. Attachment 5 - Engineering conversion and test procedures and test results

6. Attachment 6 - Current wellbore schematic

7. Attachment 7 - Proposed SWD operations

8. Attachment 8 - Nugget Formation water analysis

9. Attachment 9.a and 9.b - Twin Creek Formation water analyses, Lodgepole and Elkhorn Fields

Separate copies of the LLS log, 10,708' - 13,015', and the DI log, 3,003' - 10,496' from UPRR 33-1, originally drilled by Conoco, Inc., in 1983, are also included for your further use.

Union Pacific Resources Company
P.O. Box 7
Fort Worth, Texas 76101-0007
817 / 877-6000
TWX 910 893 5024
Telex 758-447

The only existing well located within a one-half mile radius of the proposed disposal well is the Judd 34-1H. UPRC is the Operator of this well, but total depth of the well does not reach the Nugget Formation which is the proposed disposal aquifer.

Union Pacific Resources Company (UPRC) is leaseholder of record and Operator for sections 33 and 34, T. 2 N., R. 6 E., and sections 3 and 4, T. 1 N., R. 6 E., and presently has surface-use agreements in effect with respective landowners.

If additional information is required, please contact me at (817) 877-7952, FAX (817) 877-7942.

Yours truly,

UNION PACIFIC RESOURCES COMPANY

W. F. Brazelton
Senior Regulatory Analyst

enc: (3)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Union Pacific Resources Company
ADDRESS P.O. Box 7 - MS/3006
Ft. Worth, TX 76101-0007

Well name and number: Conoco UPRC 33-1SWD

Field or Unit name: Lodgepole Lease no. _____

Well location: QQ SESE section 33 township 2N range 6E county Summit

Is this application for expansion of an existing project? . . Yes [ ] No [X]

Will the proposed well be used for: Enhanced Recovery? . . Yes [ ] No [X]
Disposal? . . . . . Yes [X] No [ ]
Storage? . . . . . Yes [ ] No [X]

Is this application for a new well to be drilled? . . . . . Yes [ ] No [X]

If this application is for an existing well,
has a casing test been performed on the well? . . . . . Yes [X] No [ ]
Date of test: 94-11-16
API number: 43-043-30233

Proposed injection interval: from 12,062' to 12,608'

Proposed maximum injection: rate 1,000 bbl/day pressure 2500# psig

Proposed injection zone contains [ ] oil, [ ] gas, and/or [ ] fresh water within ½ mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: 9-spot map, disposal procedure, water analyses, wellbore schematic, lit of surface, working and/or mineral owners

I certify that this report is true and complete to the best of my knowledge.

Name W.F. Brazelton Signature W.F. Brazelton
Title Sr. Regulatory Analyst Date 94-11-30
Phone No. (817) 877-7952

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

(3/89)

SURFACE, WORKING INTEREST AND/OR MINERAL OWNERS
ONE-HALF MILE RADIUS
CONOCO UPRC 33-1 SWD
Section 33, T. 2 N., R. 6 E., SLBM
Summit County, Utah

Surface Owner	Working Interest Owner	Mineral Owner	Certified Mail Tracking No.
Sec. 33, T. 2 N., R. 6 E.			
William and Gloria Judd PO Box 5 Coalville, Utah 84017	Union Pacific Resources Co. PO Box 7 MS 3006 Fort Worth, Texas 76101-0007 Attn: W. F. Brazelton	William and Gloria Judd	P 168 918 407
Sec. 34, T. 2 N., R. 6 E.			
Leon and Helen Judd Trustees for Judd Family Trust 1275 South Hoytsville Road Coalville, Utah 84017	Union Pacific Resources Co. PO Box 7 MS 3006 Fort Worth, Texas 76101-0007 Attn: W. F. Brazelton	Leon and Helen Judd	P 168 918 406
Sec. 3, T. 1 N., R. 6 E			
Florence T. Gillmore 1235 East 2nd South # 503 Salt Lake City, Utah 84102	Union Pacific Resources Co. PO Box 7 MS 3006 Fort Worth, Texas 76101-0007 Attn: W. F. Brazelton	Florence T. Gillmore	P 168 918 404
Sec. 4, T. 1 N., R. 6 E.			
Donald and Louise Judd 1301 South Hoytsville Road Coalville, Utah 84017	Union Pacific Resources Co. PO Box 7 MS 3006 Fort Worth, Texas 76101-0007	Donald and Louise Judd	P 168 918 405

ATTACHMENT 1

AFFIDAVIT OF NOTIFICATION

TO

INTERESTED PARTIES

I, W. F. Brazelton, Senior Regulatory Analyst, for Union Pacific Resources Company, do solemnly swear that the attached list of surface, working interest and/or mineral owners within a one-half mile radius of the location of the Conoco UPRC 33-1 SWD proposed injection well have been notified via certified mail on November 30, 1994.

The accompanying list of surface, working interest and/or mineral owners contains the "Certified Mail Tracking Numbers" for reference.

W. F. Brazelton
Senior Regulatory Analyst

The State of Texas
County of Tarrant

Before me, a Notary Public, on this day personally appeared W. F. Brazelton known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 1st day of December, A.D.-1994.

(SEAL)

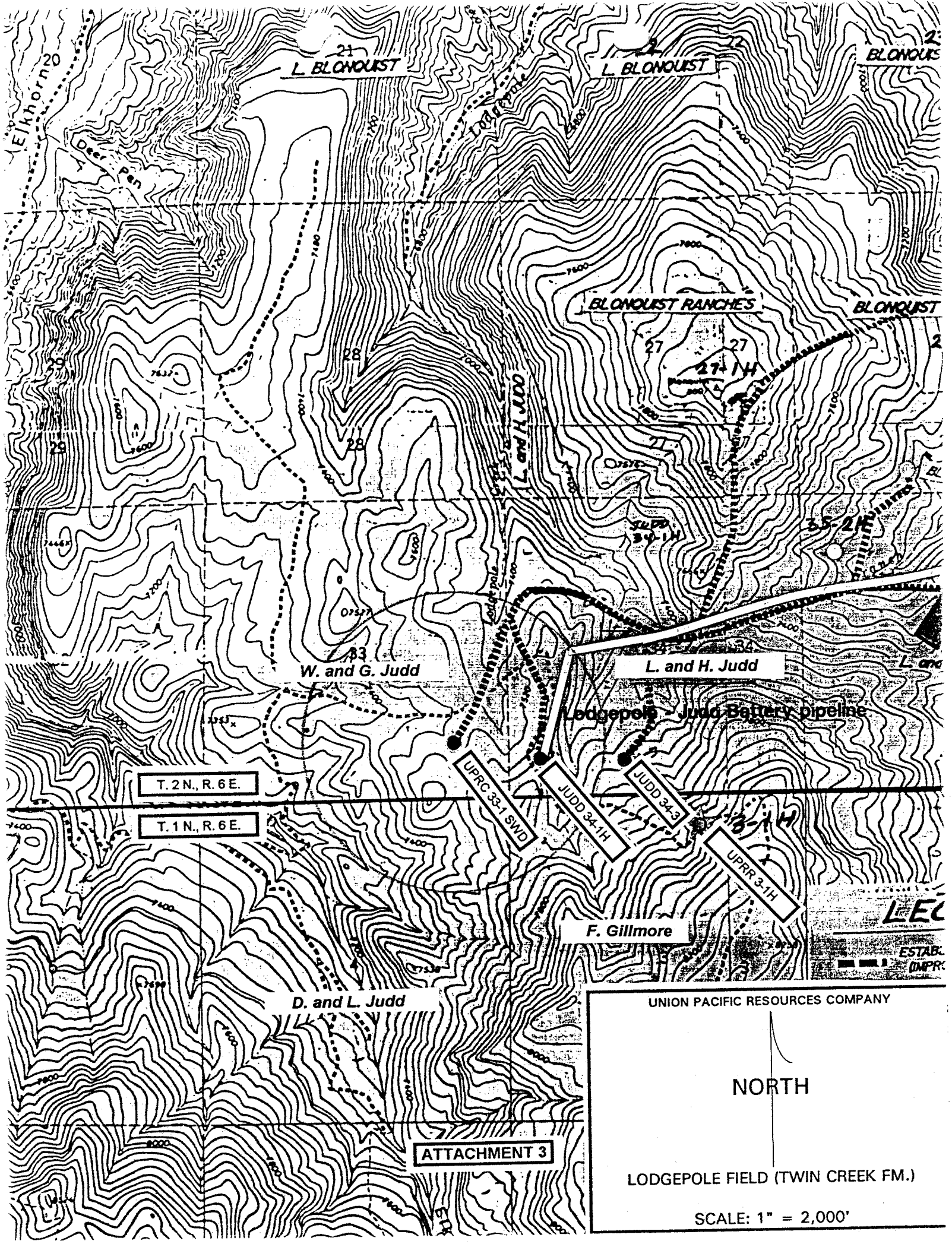
CAMI J. MINZENMAYER
Notary Public
STATE OF TEXAS
My Comm. Exp. 02/02/98

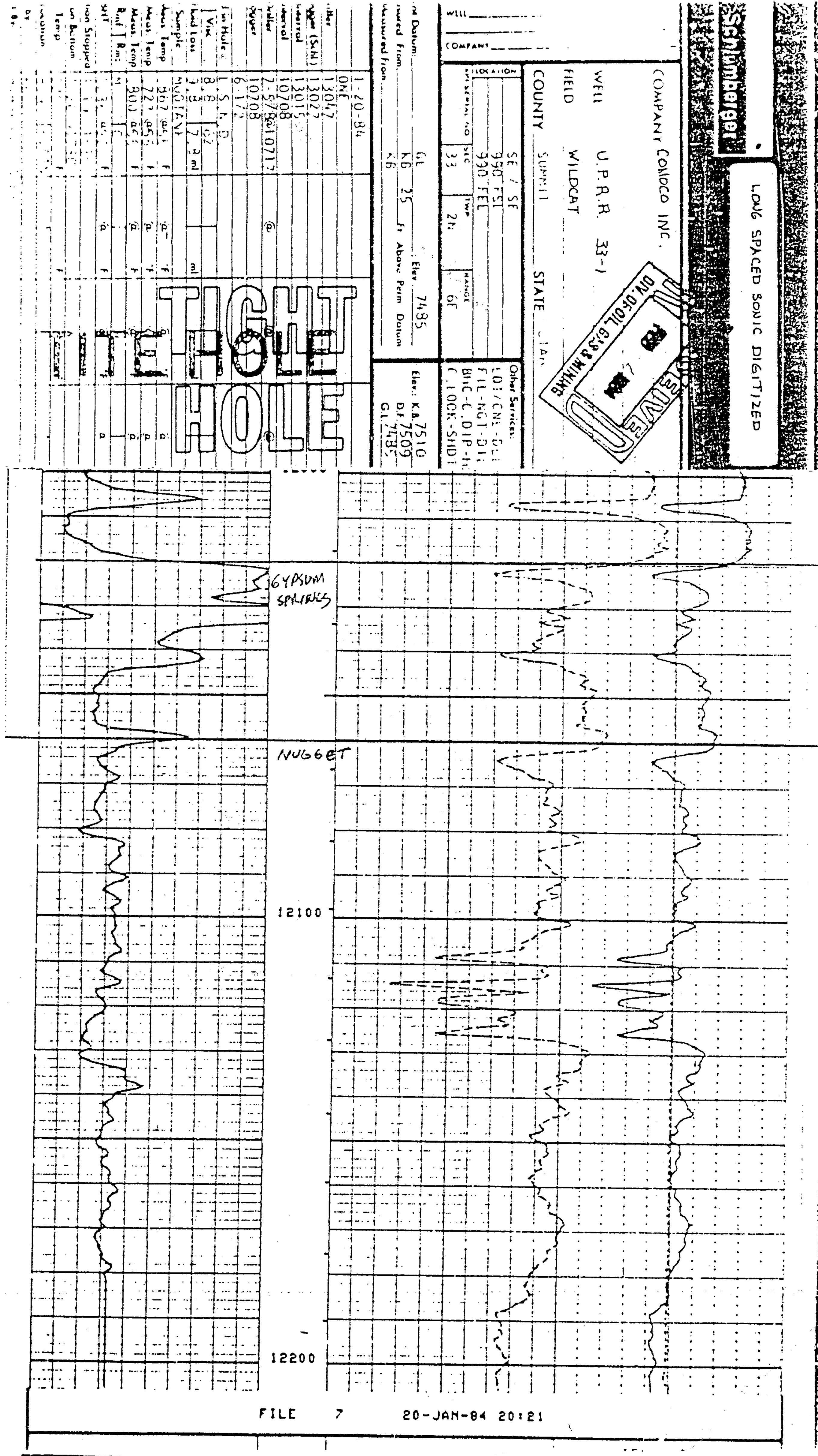
Cami J. Minzenmayer
Notary Public, State of Texas

Cami J. Minzenmayer
(Print Name of Notary Public)

My commission expires the 2nd day of February, 1998.

ATTACHMENT 2


L. BLONQUIST
L. BLONQUIST
BLONQUIST RANCHES
BLONQUIST
Elkhorn
Deer Pen
Lodgepole
L. and H. JUDD
W. and G. Judd
L. and H. Judd
Lodgepole - Judd Battery pipeline
UPRC 33-1 SWD
JUDD 34-1H
JUDD 34-3
UPRR 3-1H
T. 2 N., R. 6 E.
T. 1 N., R. 6 E.
F. Gillmore
D. and L. Judd
ATTACHMENT 3
UNION PACIFIC RESOURCES COMPANY
NORTH
LODGEPOLE FIELD (TWIN CREEK FM.)
SCALE: 1" = 2,000'



CONTINUED UT7- 2 OF 2
UTAH
SUMMIT COUNTY
API 43-043-30233
LODGEPOLE
WELL CLASS DO
OPR: CONOCO INC

TWP 2N-RGE 6E
SECTION 33
NW SE SE
990FSL 990FEL SEC
STATUS OIL

WELL: 1 CONOCO-UPRR-33

LOG TOPS:

FRONTIER	2768	(4742)
ASPEN	4972	(2538)
BEAR RIVER	5300	(2210)
KELVIN	5452	(2058)
STUMP	8900	(-1390)
PREUSS	9257	(-1747)
SALT	-10640	(-3130)
GIRAFFE CREEK	10728	(-3218)
LEEDS CREEK	11064	(-3554)
WALTON CANYON	11376	(-3866)
BOUNDARY RIDGE	11630	(-4120)
RICH	11686	(-4176)
SLIDEROCK	11942	(-4432)
GYPSUM SPRINGS	12020	(-4510)
NUGGET	12060	(-4550)

CORES: NO CORES
FMT'S: NO TESTS
PROD TESTS: NUGGET PERF JET W/ 4/FT 12074-12610
SQZD 12074-12610
RICH PERF JET W/ 4/FT 11938-12015
BRPG 11938-12015 DEPTH 11859
IP: IPP 804BOPD 240 MCFD 4BW
WLTN CYN PERF JET W/ 2/FT 11376-11524
ACID 11377-11524 6000GALS ADDIVINHB
24 GALS 15% MCA
GOR 299
PROD ZONE: WLTN CYN 11376-11524

ATTACHMENT 4

43-043-[illegible] Well name:

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SESE S33 T2N R6E
Summit County, Utah
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2. Haul 10,500' of 2-7/8" 6.5# N-80 tubing (collar OD - 3.668") and 3,000' of 2-7/8" 10.4# drill pipe (collar OD - 3.125", tensile pull of 171,000 #s at 80%) for a workstring to location.
3. If necessary, kill the well with lease water. ND wellhead and NU BOP. Unseat the tubing anchor and POH with the tubing. Lay the tubing down for inspection. PU workstring.
4. MIRU wireline truck. RIH with 9-5/8" 47# gauge ring and junk basket to 10,181'. POH. RIH with a 5" 18# gauge ring and junk basket to PBTD (11,859'). POH.
5. PU 5" 18# bit and scraper and RIH to PBTD (11,859'). Circulate bottoms up with lease water. Pull up to the top of the Watton Canyon perforations (11,376'). Options are to run a bit and scraper in the 9-5/8" casing and/or set a BP in the 9-5/8" casing for a pressure test.
6. Inject 25-50 bbls of lease water into the Watton Canyon to the determine the amount of cement to pump in the squeeze job. POH. LD bit and scraper.

ATTACHMENT 5

7. PU a Baker 5" 18# retrievematic compression packer. RIH and set the packer @ 11,300'. Pressure test the backside (casing string and all liner laps) to 1000 psig surface pressure for 15 minutes. If the pressure test fails, we may want to redo the injection test.
8. Based on the injection test, squeeze 50-200 sxs class G cement into the Watton Canyon perforations. Let the cement sit overnight with 500 psig surface pressure.
9. POH with the packer. RIH with a 4" bit. Drill the cement out to 11,600' and pressure test the squeeze job to 1000 psig surface pressure (5988 psig hydrostatic pressure) for 15 minutes . If the pressure test fails resqueeze the Watton Canyon perforations.
10. RIH with a 4" bit and drill out the BP @ 11,859' and push it to the top of the retainer @ 12,050'. POH. Laydown the bit.
11. PU the Baker retrievematic compression packer and RIH and set the packer @ 11,880'. Inject 25-50 bbls of water into the Slide Rock to determine the amount of cement to pump in the squeeze job.
12. Based on the injection test squeeze 50-200 sxs class G cement into the Slide Rock perforations. Let the cement sit overnight with 500 psig surface pressure.
13. POH with the packer. RIH with a 4" bit. Drill the cement out to 12,020' and pressure test the squeeze job to 1000 psig surface pressure (6167 psig hydrostatic pressure) for 15 minutes. If the pressure test fails resqueeze the Slide Rock perforations.
14. Attempt to drill up the CIBP and cement retainer with the 4" bit. If the CIBP or cement retainer start spinning and we are unable to drill them up with the bit, proceed to step 15, otherwise proceed to step 16.
15. RIH w/ a cutrite tungston shoe (washpipe) w/ dimples and a 4' extension. Burn over the CIBP and retainer @ 12,050'. POH and laydown the CIBP and retainer.
16. RIH with a 4" bit and drill out the cement from 12,050' to 12,610'. Continue to RIH to 12,900'. Circulate bottoms up for 30 minutes. Pressure test the casing to 1000 psig surface pressure (6547 psig hydrostatic presssure) for 15 minutes. POH.
17. MIRU OWP. Perforate the Nugget Formation as follows:

12,060' - 12,120'	60'
12,180' - 12,210'	30'
12,225' - 12,235'	10'
12,386' - 12,416'	30'
12,576' - 12,608'	32'
12,675' - 12,710'	35'

3-3/8" OD casing guns to be 4 JSPF, 0.38" diameter holes, 90 degree phasing, and premium charges. RDMO perforating company.
18. PU Baker's nickel coated R-3 injection packer on 2-3/8" 4.7# N-80 internally coated tubing with MMS connections. RIH and set the injection packer @ 12,045'. Place 500 psig on the backside. Option is to do the step rate test with regular steel tubing.
19. Complete step rate test to evaluate injectivity into the Nugget.

cc: J. Neuner
J. Rector
P. Smith
P. Straub

ATTACHMENT 5

UPRC 33-1
Sec. 33, T. 2 N., R. 6 E. SLBM
Summit County, Utah

Squeeze and Pressure Test
Watton Canyon and Slide Rock Member Perforations
Twin Creek Formation

94-09-26	MIRU, ND wellhead, NUBOPs, unseated 9-5/8" TBG anchor
94-09-27	ISO TBG inspection, pulled TBG
94-09-28	Continued pulling TBG, layed down 2-7/8" TBG, 2-3/8" TBG and 9-5/8' TBG anchor. PU PKR, TIH to 10,434'
94-09-29	Continue TIH W/PKR, set PKR @ 11,308', pump 680 BBL water @ 3.5 BPM, PRESS up to 1,000 #'s for 30 min., PU TBG, pump 100 BBL water, no PRESS, TBG volume = 63 BBL
94-09-30	Bled off backside, RU Halliburton, pump 10 BBL fresh water @ 3 BPM, pumb 10 BBL SuperFlush @ 3 BPM, pump 7 BBL fresh water @ 2 BPM, pump 11 BBL cement @ 2 BPM, let cement gravity down, SI well for 1 HR, pump 33 BBL cement, SI well for night.
94-10-01	RU Halliburton, pump 60 BBL fresh water, pump 7 BBL SuperFlush, pump 3 BBL fresh water spacer, pump 43 BBL cement followed by 63 BBL fresh water, let last 45 BBL water gravity in well, SI well for 2 HR, pumped 3 BBL fresh water, mixed and pumped 43 BBL Class "G" cement followed by 61 BBL water with no pressure, release PKR, TOOH w/ 30 stands.
94-10-03	Complete TOOH, LD TBG and PKR, PU TBG and cement retainer, set retainer @ 11,267' RU pump, pump 70 BBL water, well on VAC, unstung stinger and CIRC hole full w/ 670 BBL, PRESS up to 1000 # SI well for night.

ATTACHMENT 5

94-10-04 RU Halliburton, tested lines to 4000 #, mix and pump 10 BBL SuperFlush followed by 5 BBL fresh water, 50 sx 50/50 POS cement, 5 BBL fresh water, 10 BBL SuperFlush, 5 BBL fresh waer, 350 sx 50/50 POS cement, 63.5 BBl water, last 53 BBL water gravity in at 1 BPM, unsting retainer, RV out TBG w/produced water, waited 2.5 HRS, sting in retainer for 2 MIN, well on VAC, sting out retainer, spot 10 BBL SuperFlush W/5 BBL fresh water and 50 sx 50/50 POS cement at end of TBG, sting in retainer, let last 37 BBL waer gravity in, sting out retainer, spot 150 sx 50/50 POS cement at end of TBG, sting in retainer, let last 50 BBL gravity in, last 15 BBL from 1 BBL/1.5 MIN to 1 BBL/8 MIN, PRESS up to 300 #, sting out retainer, SI for night.

94-10-05 Sting in retainer, PRESS up to 500 #, bled back to 300# in 3 MIN, PRESS to 1,000#, bled down slow, called for cement, RU Halliburton, tested lines to 4000#, spot 50 sx Class "G" cement @ bottom of TBG, sting in retainer, pump 2 3/4 BBL cement below retainer, PRESS 3,300#, let PRESS bled down, sting out retainer, CIRC out cement.

94-10-06 TOOH W/TBG and cement stinger, LD TBG, PU bit, TIH, drill cement retainer and cement.

94-10-07 RU power swivel, drill out 3' cement and cement retainer, drill to 11,275, RD swivel, TOH with bit.

94-10-10 PU new 4"rock bit, TIH, tag cement @ 11,271' drill to 11,614', CIRC hole clean.

94-10-11 Close BOP, filling hole to test backside, well taking water, TOOH W/bit and DCs, PU bit and scrapper, TIH to 11,765', started TOOH.

94-10-12 TOOH W/bit and scrapper, PU Baker PKR, TIH, set PKR @ 11619' W/20000#, RU pump on TBG, PRESS to to 1000#, bled to 0 in 15 MIN, checked all lines, PRESS up to 1000#, bled off in 20 MIN, unseated PKR, reseat PKR @ 11,341' (above Watton Canyonh perfs), fill TBG, PRESS after 29 BBL, pump thru perfs @ 1 BPM with 1000#, filled backside.

94-10-13 RU Halliburton, tested lines to 4000#, pump 56 BBL water @ 1.5 BPM w/out any PRESS, mixed 50 sx 50/50 POS cement, put 1000# PRESS on backside, pump 30 BBL cement and water, PRESS up to 800#, pump 26 more BBL @ 800# @ 1.4 BPM, shut pumps, well on vac, let gravity until cement cleared PERFS, SI, wait 4 HRS, gravity in 2 1/4 BBL then stopped, PRESS to 500#, bled off very slow, PRESS to 1000#, bled to 500# in 30 MIN,PRESS up to 1000#, bled to 500# in 30 MIN, bled CSG and TBG, released PKR, pulled 6 stands.

94-10-14 TOOH W/bit and scrapper, TIH W/bit and scrapper, tag cement @ 11,510', drilled cement (soft) to 11,630' (below PERFS).

ATTACHMENT 5

94-10-15 Pump 92 BBL to break CIRC, TIH to 11,760', dumped 4 sx 10/20 sand, SD for weekend.

94-10-17 Pump 220 BBL produced water to load hole, PRESS up to 1,250#, bled down to 500# in 15 MIN, TIH W/Baker PKR, set PRK @ 11,690', PRESS TBG to 1,200# for 10 MIN, PRESS backside to 1,000#, bled down to 350# in 15 MIN, unseated PKR, set PKR @ 11,540', PRESS TBG to 1,000#, bled off in 2 MIN, pump 1 BBL @ 1,500# 0.5 BPM, PRESS CSG to 1,250#, bled off 300# in 15 MIN, found 1 small leake in line, PRESS up to 1,250#, bled back to 1,000# in 15 MIN, unseated PRK, set PRK @ 11,487', PRESS up to 1,250#, bled back to 1,000# in 15 MIN, unseated PRK, set PKR @ 11,373", PRESS up backside to 1,250#, held for 15 MIN, unseated PKR, set PKR at 11,387', PRESS up to 1,250#, held OK, bled, SD for night.

94-10-18 RU Halliburton, tested lines to 3,500#, spot 50 sx AG-300cement + additives @ 11,387', closed CIRC valves, pump PRESS went from 2,000# to 2,700# @ 0.25 BPM, SD W?1.5 BBL cement in CSG for 20 MIN, kicked pump in, PRESS to 3,000# leaving 0.75 BBL cement in CSG, held PRESS for 2 HRS, bled off to 600#, RD Halliburton.

94-10-19 Unseated PRK, PRESS up CSG to 1,250#, held for 20 MIN, TOOH W/PKR, last 48 JTS TBG full of cement, LD TBG, PU bit and 4 DCs, TIH W/2-7/8" PKR.

94-10-20 Finished TIH W/PKR, tag cement @ 11,384", drill cement to 11,573', very hard, CIRC hole, PU 60', SD for night.

94-10-21 Drill cement to 11,594', TIH to 11,605', CIRC out, PRESS up to 1,000#, bled to 850# in 30 MIN, one stroke of pump PRESS 2,000#, bled off slow to 850#, TIH and tag sand @ 11,720', drill to 11,836'.

94-10-22 Pump 145 BBL produced water, drill to 11,864 to top of CIBP, drill to 11,876', CIRC hole clean, TOOH to 3,100'.

94-10-24 TOOH W/bit, PU bit and scrapper, tagged bottom @ 12,020', drill to 12,022', very hard, TOOH to 4,000'.

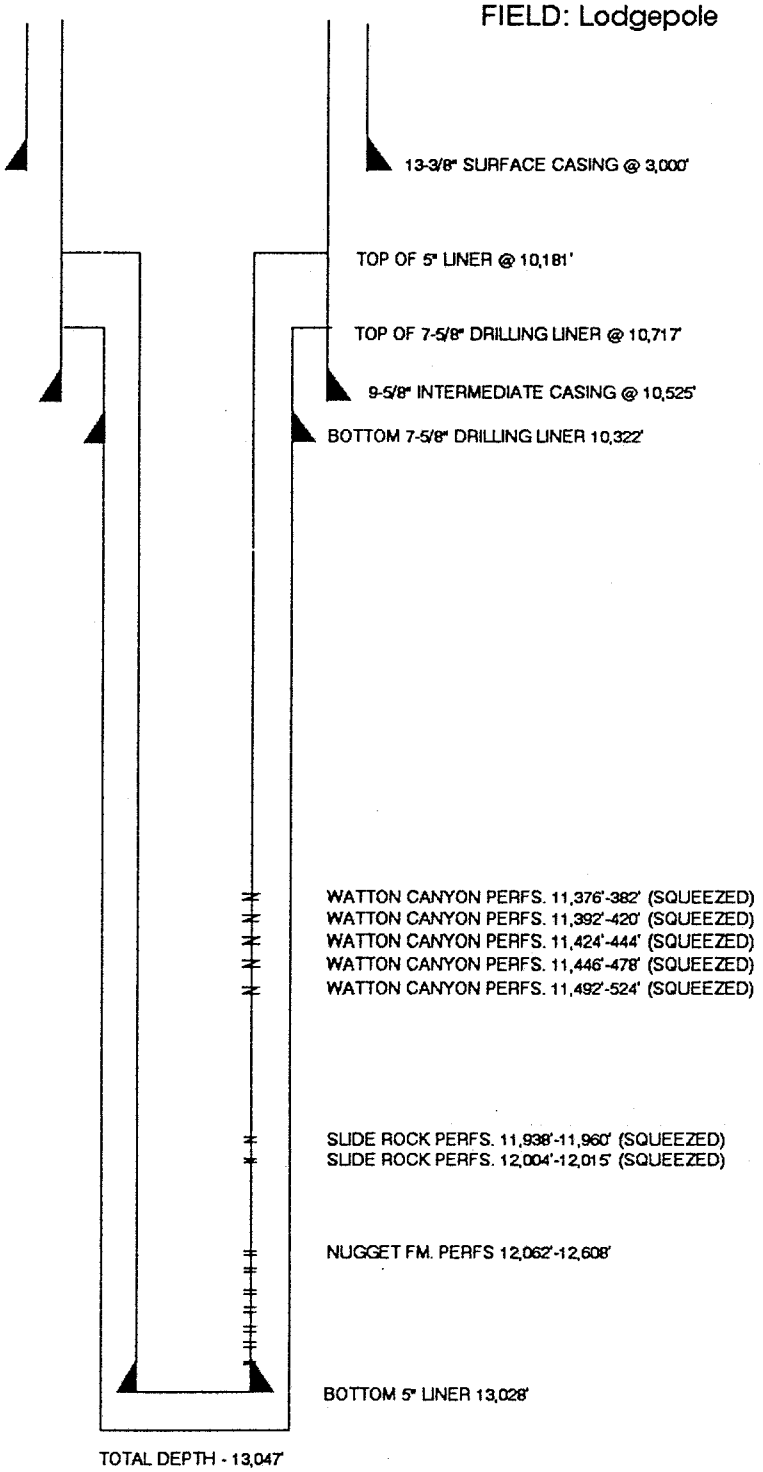
94-10-26 TOOH, LD bit and scrapper, PU Baker PKR, TIH, set PKR @ 12,018' (3'below bottom PERFS),PRESS up to 1,250#, bled off very slow (90#/5 MIN), unseated PKR, set PKR @ 11,960', PRESS up to 1,250#, bled off at 90#/5 MIN, unseat PKR, set PRK @ 11,920', PRESS up to 1,250#, bled off 90#/5 MIN.

94-10-28 Unseated PRK, TOOH, LD PRK, PU cut shoe to drill junk, TIH, tagged bottom @ 12,023', RU power swivel, CIRC hole clean.

ATTACHMENT 5

WELL NAME: CONOCO UPRC 33-1 SWD
Sec. 33, T. 2 N., R. 6 E.
Summit County, Utah

DATE: 94-11-30
BY: WFB
FIELD: Lodgepole



UNION PACIFIC RESOURCES COMPANY

ATTACHMENT 6

Union Pacific Resources
A Subsidiary of Union Pacific Corporation

INTER-OFFICE CORRESPONDENCE

TO: B. Brazelton

OFFICE: FTW/3706

FROM: P. L. Stevens

DATE: 11-30-94

SUBJECT: Conoco UPRC 33-1 SWD
SESE Section 33, T2N, R6E
Lodgepole Field, Summit County, Utah

UPRC is converting the Conoco UPRR 33-1 to salt water disposal to handle produced water from newly drilled producing wells in the Lodgepole Field. Currently we are hauling water from the Judd 34-1H and the UPRR 35-2H to the UPRC #1 SWD well in the Elkhorn Field. We intend to eliminate the need to haul this water by injecting it into the Nugget Formation.

The water to be injected in the Conoco UPRR 33-1 SWD well will be mostly produced water from the Twin Creek Formation. Minor amounts of water from other operations (kill fluid, stimulations) will occasionally be disposed of in the 33-1. Susequent development wells in the area will be added to this SWD system.

We are designing our water disposal facilities to handle 2000 BWPD at 2500 psig. Our anticipated operating conditions are 1000 BWPD at 1500 psig. The water storage and injection facilities at the Lodgepole battery are as follows:

* 2-500 BBL insulated fiberglass tanks. The first tank will be used as a gun barrel for oil skimming and the second tank for clear water storage.

* The water in the second tank will be transferred to the positive displacement pumps at the Lodgepole Battery.

* The water will then be pumped approximately 1.75 miles through a 3000 psig rated fiberglass pipeline to the 33-1. The water is then injected in the Nugget Formation. There are no storage facilities at the 33-1 well site.

* Well/facility site automation will be installed to the monitor water level in the produced fluid tanks.

The Conoco UPRC 33-1 was originally completed in the Nugget. When the Nugget was no longer economic to produce the Sliderock and Watton Canyon were perforated and produced. Prior to the conversion to SWD the subject well was SI as uneconmic to produce.

cc: J. G. Neuner
W. F. Brazelton
Wellfiles

ATTACHMENT 7

NUGGET

WATER ANALYSIS

Well	3-9	2-1	1	2-3	3-1	3-6	3-5	3-4	N.S. 1	Average
Number of Samples	3	5	2	2	1	3	2	3	1	
Na	13931	17861	10574	17907	11609	11747	9062	7734	9724	12321
K		701	586		234		547	469	391	588
Ca	1283	1844	942	1904	862	823	741	681	321	1016
Mg	170	268	109	102	24	182	97	61	122	134
SO4	1972	1250	1827	2260	2164	2308	1587	1290	3070	1972
Cl	22163	30071	17376	29716	17411	18156	15745	12128	13680	19610
HCO3	426	304	487	426	730	365	608	487	487	487
TDS	40480	52220	31550	52480	32980	33610	28024	24284	27601	36060

* concentrations are in PPM (or mg/l)

ATTACHMENT 8

836 0122

WATER ANALYSIS REPORT

EXXON CHEMICAL COMPANY
P.O Box 4321 Houston, Texas 77210-4321
Tel. (713) 460-6800 Telex: 4942225 ENCEHOU

75% FMT
25% FW

EXXON CHEMICALS

SHEET NUMBER

COMPANY: UPRC

DATE: 2/11/94

FIELD: ELKHORN

COUNTY OR PARISH: Summit

STATE: UTAH

LEASE OR UNIT: #19-2X

SAMPLE SOURCE: TREATER

WATER SOURCE (FORMATION):

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

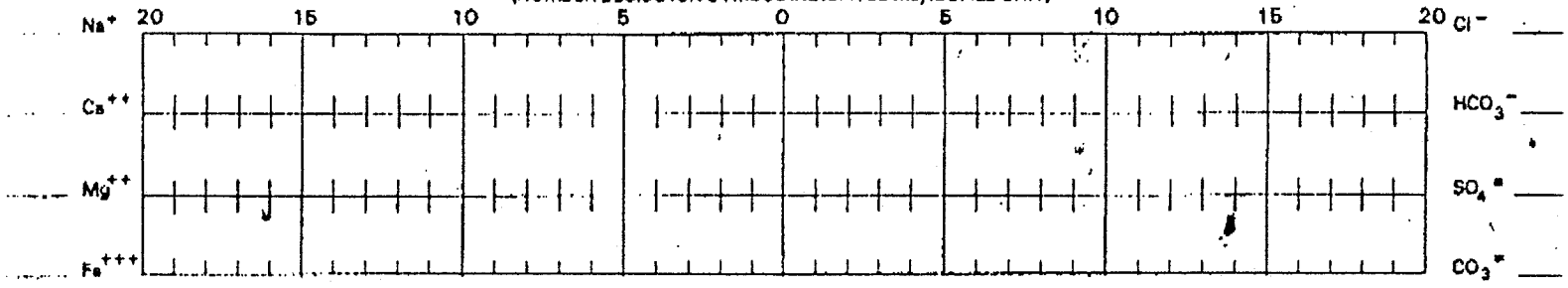
DATE SAMPLED: 2/10/94

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

TYPE OF PRODUCTION: [X] PRIMARY [ ] WATERFLOOD [ ] CO_2 FLOOD [ ] POLYMER FLOOD [ ] STEAMFLOOD

WATER ANALYSIS PATTERN

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



DISSOLVED SOLIDS

CATIONS	me/l	mg/l
TOTAL HARDNESS	428	
CALCIUM, Ca^{++}	340	6800
MAGNESIUM, Mg^{++}	88	1074
IRON (TOTAL) Fe^{+++}	2.6	47.5
BARIUM, Ba^{++}/Sr.	∅	∅
SODIUM, Na^{+} (CALC.)	.1459	33,557
ANIONS	**me/l**	**mg/l**
CHLORIDE, Cl^{-}	1887	67,000
SULFATE, $SO_4^{=}$	10.4	500
CARBONATE, $CO_3^{=}$	—	—
BICARBONATE, HCO_3^{-}	0.1	6.1
HYDROXYL, OH^{-}	—	—
SULFIDE, $S^{=}$	—	—

DISSOLVED GASES

HYDROGEN SULFIDE, H_2S	— mg/l
CARBON DIOXIDE, CO_2	mg/l
OXYGEN, O_2	mg/l

PHYSICAL PROPERTIES

pH	6.8
Eh (REDOX POTENTIAL)	MV
SPECIFIC GRAVITY	
TURBIDITY, FTU UNITS	
TOTAL DISSOLVED SOLIDS (CALC.)	108,985 mg/l
STABILITY INDEX @ °F	
@ °F	
@ °F	
$CaSO_4$ SOLUBILITY @ °F	mg/l
@ °F	mg/l
MAX. $CaSO_4$ POSSIBLE (CALC.)	mg/l
MAX. $BaSO_4$ POSSIBLE (CALC.)	mg/l
RESIDUAL HYDROCARBONS	ppm (Vol/Vol)

SUSPENDED SOLIDS (QUALITATIVE) [ ] IRON SULFIDE [ ] IRON OXIDE [ ] CALCIUM CARBONATE [ ] CALCIUM SULFATE [ ] ACID INSOLUBLE

REMARKS AND RECOMMENDATIONS

EC ENGINEER	DIST. NO.	ADDRESS	OFFICE PHONE	HOME PHONE
W. C. Vickers		Box 618 Evanston, Wy	307-789-1355	
ANALYZED BY	DATE	DISTRIBUTION		
W. C. Vickers	2/11/94	[ ] CUSTOMER [ ] EC ENGINEER [ ] REGION [ ] DISTRICT [ ]		

ATTACHMENT 9 a

A BJ-SERVICES LABORATORY REPORT

SUBJECT : WATER ANALYSIS
FORMATION : TWIN CREEK

COMPANY : UPRC LEASE : Judd WELL NO: #34-1H

WELL DEPTH: COUNTY: Summit STATE : Utah

FIELD : Coalville BJ REP: Tom Voiner DATE : 04-06-1994

SPECIFIC GRAVITY: 1.097
PH : 6.00

PRINCIPAL CONSTITUENTS

RADICAL	PARTS PER MILLION	REACTING VALUE EQUIVALENTS PER MILLION
SODIUM	27949.	1220.66
CALCIUM	3838.	191.53
MAGNESIUM	5803.	477.04
IRON	164.	5.87
CHLORIDE	66545.	1876.57
SULFATE	365.	7.58
BICARBONATE	667.	10.94
CARBONATE	0.	0.00
HYDROXIDE	0.	0.00

	REACTION VALUE PERCENT
PRIMARY SALINITY :	64.41
SECONDARY SALINITY :	35.01
PRIMARY ALKALINITY :	0.00
SECONDARY ALKALINITY :	0.58

GENERAL REMARKS:

LAB. NO. : 1474
DISTRICT : Rock Springs
ANALYZED BY : Tom Smith
DISTRIBUTION: File-Denv-RS

SIGNED : Tom Smith

ATTACHMENT 9.b

BJ SERVICES

UPRC 33-1
Sec. 33, T. 2 N., R. 6 E. SLBM
Summit County, Utah

Squeeze and Pressure Test
Watton Canyon and Slide Rock Member Perforations
Twin Creek Formation

94-09-26 MIRU, ND wellhead, NUBOPs, unseated 9-5/8" TBG anchor

94-09-27 ISO TBG inspection, pulled TBG

94-09-28 Continued pulling TBG, layed down 2-7/8" TBG, 2-3/8" TBG and 9-5/8' TBG anchor. PU PKR, TIH to 10,434'

94-09-29 Continue TIH W/PKR, set PKR @ 11,308', pump 680 BBL water @ 3.5 BPM, PRESS up to 1,000 #'s for 30 min., PU TBG, pump 100 BBL water, no PRESS, TBG volume = 63 BBL

94-09-30 Bled off backside, RU Halliburton, pump 10 BBL fresh water @ 3 BPM, pumb 10 BBL SuperFlush @ 3 BPM, pump 7 BBL fresh water @ 2 BPM, pump 11 BBL cement @ 2 BPM, let cement gravity down, SI well for 1 HR, pump 33 BBL cement, SI well for night.

94-10-01 RU Halliburton, pump 60 BBL fresh water, pump 7 BBL SuperFlush, pump 3 BBL fresh water spacer, pump 43 BBL cement followed by 63 BBL fresh water, let last 45 BBL water gravity in well, SI well for 2 HR, pumped 3 BBL fresh water, mixed and pumped 43 BBL Class "G" cement followed by 61 BBL water with no pressure, release PKR, TOOH w/ 30 stands.

94-10-03 Complete TOOH, LD TBG and PKR, PU TBG and cement retainer, set retainer @ 11,267' RU pump, pump 70 BBL water, well on VAC, unstung stinger and CIRC hole full w/ 670 BBL, PRESS up to 1000 # SI well for night.

94-10-04 RU Halliburton, tested lines to 4000 #, mix and pump 10 BBL SuperFlush followed by 5 BBL fresh water, 50 sx 50/50 POS cement, 5 BBL fresh water, 10 BBL SuperFlush, 5 BBL fresh waer, 350 sx 50/50 POS cement, 63.5 BBl water, last 53 BBL water gravity in at 1 BPM, unsting retainer, RV out TBG w/produced water, waited 2.5 HRS, sting in retainer for 2 MIN, well on VAC, sting out retainer, spot 10 BBL SuperFlush W/5 BBL fresh water and 50 sx 50/50 POS cement at end of TBG, sting in retainer, let last 37 BBL waer gravity in, sting out retainer, spot 150 sx 50/50 POS cement at end of TBG, sting in retainer, let last 50 BBL gravity in, last 15 BBL from 1 BBL/1.5 MIN to 1 BBL/8 MIN, PRESS up to 300 #, sting out retainer, SI for night.

94-10-05 Sting in retainer, PRESS up to 500 #, bled back to 300# in 3 MIN, PRESS to 1,000#, bled down slow, called for cement, RU Halliburton, tested lines to 4000#, spot 50 sx Class "G" cement @ bottom of TBG, sting in retainer, pump 2 3/4 BBL cement below retainer, PRESS 3,300#, let PRESS bled down, sting out retainer, CIRC out cement.

94-10-06 TOOH W/TBG and cement stinger, LD TBG, PU bit, TIH, drill cement retainer and cement.

94-10-07 RU power swivel, drill out 3' cement and cement retainer, drill to 11,275, RD swivel, TOH with bit.

94-10-10 PU new 4"rock bit, TIH, tag cement @ 11,271' drill to 11,614', CIRC hole clean.

94-10-11 Close BOP, filling hole to test backside, well taking water, TOOH W/bit and DCs, PU bit and scrapper, TIH to 11,765', started TOOH.

94-10-12 TOOH W/bit and scrapper, PU Baker PKR, TIH, set PKR @ 11619' W/20000#, RU pump on TBG, PRESS to to 1000#, bled to 0 in 15 MIN, checked all lines, PRESS up to 1000#, bled off in 20 MIN, unseated PKR, reseat PKR @ 11,341' (above Watton Canyonh perfs), fill TBG, PRESS after 29 BBL, pump thru perfs @ 1 BPM with 1000#, filled backside.

94-10-13 RU Halliburton, tested lines to 4000#, pump 56 BBL water @ 1.5 BPM w/out any PRESS, mixed 50 sx 50/50 POS cement, put 1000# PRESS on backside, pump 30 BBL cement and water, PRESS up to 800#, pump 26 more BBL @ 800# @ 1.4 BPM, shut pumps, well on vac, let gravity until cement cleared PERFS, SI, wait 4 HRS, gravity in 2 1/4 BBL then stopped, PRESS to 500#, bled off very slow, PRESS to 1000#, bled to 500# in 30 MIN,PRESS up to 1000#, bled to 500# in 30 MIN, bled CSG and TBG, released PKR, pulled 6 stands.

94-10-14 TOOH W/bit and scrapper, TIH W/bit and scrapper, tag cement @ 11,510', drilled cement (soft) to 11,630' (below PERFS).

94-10-15 Pump 92 BBL to break CIRC, TIH to 11,760', dumped 4 sx 10/20 sand, SD for weekend.

94-10-17 Pump 220 BBL produced water to load hole, PRESS up to 1,250#, bled down to 500# in 15 MIN, TIH W/Baker PKR, set PRK @ 11,690', PRESS TBG to 1,200# for 10 MIN, PRESS backside to 1,000#, bled down to 350# in 15 MIN, unseated PKR, set PKR @ 11,540', PRESS TBG to 1,000#, bled off in 2 MIN, pump 1 BBL @ 1,500# 0.5 BPM, PRESS CSG to 1,250#, bled off 300# in 15 MIN, found 1 small leake in line, PRESS up to 1,250#, bled back to 1,000# in 15 MIN, unseated PRK, set PRK @ 11,487', PRESS up to 1,250#, bled back to 1,000# in 15 MIN, unseated PRK, set PKR @ 11,373", PRESS up backside to 1,250#, held for 15 MIN, unseated PKR, set PKR at 11,387', PRESS up to 1,250#, held OK, bled, SD for night.

94-10-18 RU Halliburton, tested lines to 3,500#, spot 50 sx AG-300cement + additives @ 11,387', closed CIRC valves, pump PRESS went from 2,000# to 2,700# @ 0.25 BPM, SD W?1.5 BBL cement in CSG for 20 MIN, kicked pump in, PRESS to 3,000# leaving 0.75 BBL cement in CSG, held PRESS for 2 HRS, bled off to 600#, RD Halliburton.

94-10-19 Unseated PRK, PRESS up CSG to 1,250#, held for 20 MIN, TOOH W/PKR, last 48 JTS TBG full of cement, LD TBG, PU bit and 4 DCs, TIH W/2-7/8" PKR.

94-10-20 Finished TIH W/PKR, tag cement @ 11,384", drill cement to 11,573', very hard, CIRC hole, PU 60', SD for night.

94-10-21 Drill cement to 11,594', TIH to 11,605', CIRC out, PRESS up to 1,000#, bled to 850# in 30 MIN, one stroke of pump PRESS 2,000#, bled off slow to 850#, TIH and tag sand @ 11,720', drill to 11,836'.

94-10-22 Pump 145 BBL produced water, drill to 11,864 to top of CIBP, drill to 11,876', CIRC hole clean, TOOH to 3,100'.

94-10-24 TOOH W/bit, PU bit and scrapper, tagged bottom @ 12,020', drill to 12,022', very hard, TOOH to 4,000'.

94-10-26 TOOH, LD bit and scrapper, PU Baker PKR, TIH, set PKR @ 12,018' (3'below bottom PERFS),PRESS up to 1,250#, bled off very slow (90#/5 MIN), unseated PKR, set PKR @ 11,960', PRESS up to 1,250#, bled off at 90#/5 MIN, unseat PKR, set PRK @ 11,920', PRESS up to 1,250#, bled off 90#/5 MIN.

94-10-28 Unseated PRK, TOOH, LD PRK, PU cut shoe to drill junk, TIH, tagged bottom @ 12,023', RU power swivel, CIRC hole clean.

STATE OF UTAH
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

INJECTION WELL - PRESSURE TEST

Test Date: 4/23/97	Well Owner/Operator: UNION PACIFIC RESOURCES
Disposal Well: YES	Enhanced Recovery Well: _____ Other: _____
API No.: 43-043-30233	Well Name/Number: UPRC 33-1 Lodge Pole
Section: 33	Township: 2N Range: 6E

Initial Conditions:

Tubing - Rate: _____ Pressure: 0 psi

Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	1000	0
5	1000	0
10	1000	0
15	1000	0
20	1000	0
25	1000	0
30	1000	0

Results: (Pass) Fail

Conditions After Test:

Tubing Pressure: 0 psi

Casing/Tubing Annulus Pressure: 0 psi

REMARKS:
Well SI before test -
Pressured to 1000 #'s PSI. No bleed off.
Started pumping 9:45 AM.

Operator Representative

DOGM Witness 4/23/97

INJECTION WELL APPLICATION

REVIEW SUMMARY

Applicant: UPRC Well: 33-1

Location: section 33 township 2N range 6E

API #: 43-043-30233 Well Type: disp. X enhanced recov. ___

If enhanced recovery has project been approved by the Board ? NA

Lease Type: Fee Surface Ownership: Fee

Field: Lodgepole Unit: — Indian Country: N

UIC Form 1: Yes. Plat: Y. Wells in AOR: 1 well insufficient Data.

Logs Available: Yes. Bond Log: ? No

Casing Program: ___

Integrity Test: Casing.

Injection Fluid: H_2O Twin Creek.

Geologic Information: No.

Analyses of Injection Fluid: Y Formation Fluid: Y Compat. N

Fracture Gradient Information: No Parting Pressure no.

Affidavit of Notice to Owners: Y

Fresh Water Aquifers in Area: Not addressed.

Depth Base of Moderately Saline Water: Not addressed.

Confining Interval: Not addressed.

Reviewer: ___ Date: ___

Comments & Recommendation ___

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT
DECISION DOCUMENT

Applicant: Union Pacific Resources Co. **Well:** UPRC 33-1

Location: Sec. 33, T.2 N., R.6 E., Summit County

Ownership Issues:
The proposed well is located in section 33, township 2 north, range 6 east Summit County, Utah. The surface location is owned by Mr. William Judd. There are various owners and working interest owners within the 1/2 mile area, all of which have been sent a notice of intent to convert the well to an injector. An affidavit has been submitted by U.P.R.C. stating that all surface and mineral owners were notified.

Well Integrity:
The well proposed for injection is the UPRC 33-1. This well has a 13 3/8" surface casing set at 3,000 feet and is cemented to surface. A 9 5/8" intermediate casing is set at 10,525 feet and the cement top is at approximately 9,350 feet and was verified by a cement bond log. A 7 5/8" liner was set from 10,322 feet to 10,717 feet and a 5" liner was set from 10,181 feet to 13,028 feet. The cement bond log shows good bond from 12,900 feet up through 11,500 feet. The proposed injection zone is at a depth of 12,062 feet to 12,608 feet and lies within the Nugget Formation. Injection of produced water will be through a 2 7/8" tubing with a packer set at 12,035 feet. It is proposed that during the completion process, all existing perforations in the Twin Creek Formation will be squeezed and pressure tested to assure integrity of the casing. This construction should adequately protect all USDW's. There is one producing well in the 1/2 mile area of review, which is the UPRC, Judd 34-1H well. The existing casing and cement in this well is adequate to protect any USDW's. No corrective action is needed for the proposed injector or the existing producer. A casing test should be performed at the time of conversion and a casing/tubing pressure test should be performed prior to injection.

Ground Water Protection:
The base of moderately saline water is at a depth of approximately 5,000 feet located at the bottom of the Frontier Formation in the area of the proposed well. Underground sources of drinking water in the area may be present in the surface alluvium and in shallow sands within the Echo Canyon, Evanston and Frontier Formations. The confining zone above the proposed injection zone consists of impermeable shales and evaporites of the Twin Creek Formation. The lower confining interval is composed of 400 plus feet of shales and siltstones of the Ankarah Formation. Any shallow fresh water zones should be adequately protected by the existing well constructions, the presence of appropriate confining zones and operation of the proposed injection well in accordance with the

conditions set forth in the application.

Oil/Gas & Other Mineral Resources Protection:
Injection into this well should have no adverse affects on any offsetting production. UPRC is the working interest owner of all leases in the 1/2 mile area of review.

Bonding:
Union Pacific Resources Company has placed a statewide bond with the Division in the amount of $80,000 dollars. The company is licensed to do business in the State and is a financially stable company.

Actions Taken and Further Approvals Needed:
A public notice for the injection well needs to be published in both the Salt Lake Tribune and the Summit County Bee. All additional information requested from UPRC has been received with the exception of a compatibility analysis. A maximum surface pressure of 2500 psig was requested. Information submitted which was obtained from a step rate test conducted on this well does not support the requested pressure and should not be approved. Information supplied as of this time, indicate that the formation fractured at approximately 1900 psig(surface) and a rate of 1.9 BPM. It is recommended that the maximum pressure be limited to 1900 psig and additionally a second step rate test should be conducted in the future using steps of at least 15 minutes in duration. U.P.R.C. has submitted an application which is technically complete. Review of the information submitted indicates that all USDW's will be protected, and there will be no degradation of ground water. It is recommended that administrative approval to convert the well to injection be granted. Additionally upon receipt of a compatibility analysis and demonstration of mechanical integrity it is recommended that an injection permit be issued.

Dan Jarvis
Reviewers

01-5-95
Date

Union Pacific Resources
A Subsidiary of Union Pacific Corporation

December 20, 1994

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

ATTN: Mr. Dan Jarvis

RE: Application For Injection Well
Conoco UPRC 33-1 SWD
Section 33, T. 2 N., R. 6 E., SLBM
Summit County, Utah

Dear Mr. Jarvis:

Enclosed please find the following items requested in your letter of December 13, 1994, pertaining to the above referenced application submitted by Union Pacific Resources Company (UPRC) on December 1, 1994:

1. Borehole Schematic Diagram for the Judd 34-1H well.

2. Cement Bond Log for the Conoco UPRC 33-1 SWD.

3. Borehole Schematic Diagram for the Conoco UPRC 33-1 SWD (after proposed conversion).

4. UPRC will collect samples of water from the Nugget and Twin Creek Formations and have the samples analyzed for compatibility. The results will be submitted as soon as they are available.

5. A graph of step-rate pressures and injection rates recorded during UPRC's test of the proposed disposal well to substantiate the requested injection pressures and volumes.

6. The fresh-water bearing zones in the Conoco UPRC 33-1 SWD well are separated from the proposed injection zone in the Nugget Formation by approximately 6,600 feet of vertical section. Fresh water in the area is limited to zones above the Kelvin Formation, the top of which occurs at a depth of 5,452' MD in the UPRR 33-1 SWD.

Union Pacific Resources Company
P.O. Box 7
Fort Worth, Texas 76101-0007
817 / 877-6000
TWX 910 893 5024
Telex 758-447

The cased intervals in the well are further protected by cement-filled annular spaces between the individual casing strings and between the casing strings and the wall of the drill hole. The top of cement, according to the Cement Bond Log (CBL) of the UPRR 33-1, occurs at a depth of 9,350' MD. The top of the Kelvin Formation will be isolated from the proposed injection zone by approximately 3,900 feet of cement.

7. The confining intervals above and below the Nugget Formation, the proposed injection zone, should serve as excellent aquitards for injected fluids. The Nugget Formation is overlain by the Gypsum Springs Formation which is composed of approximately 30 feet of interbedded shales and anhydrite. The Nugget Formation, in this area, is underlain by the Ankareh Formation which is composed of 400 plus feet of reddish shales.

8. A copy of test procedures and results pertaining to cement squeezing of perforations in the Watton Canyon and Slide Rock Formations in the Conoco UPRC 33-1 SWD.

Please advise if additional information is necessary as UPRC would like to begin injecting into the Nugget Formation as soon as possible. Call me at (817) 877-7952, FAX (817) 877-7942, if I can be of any additional assistance.

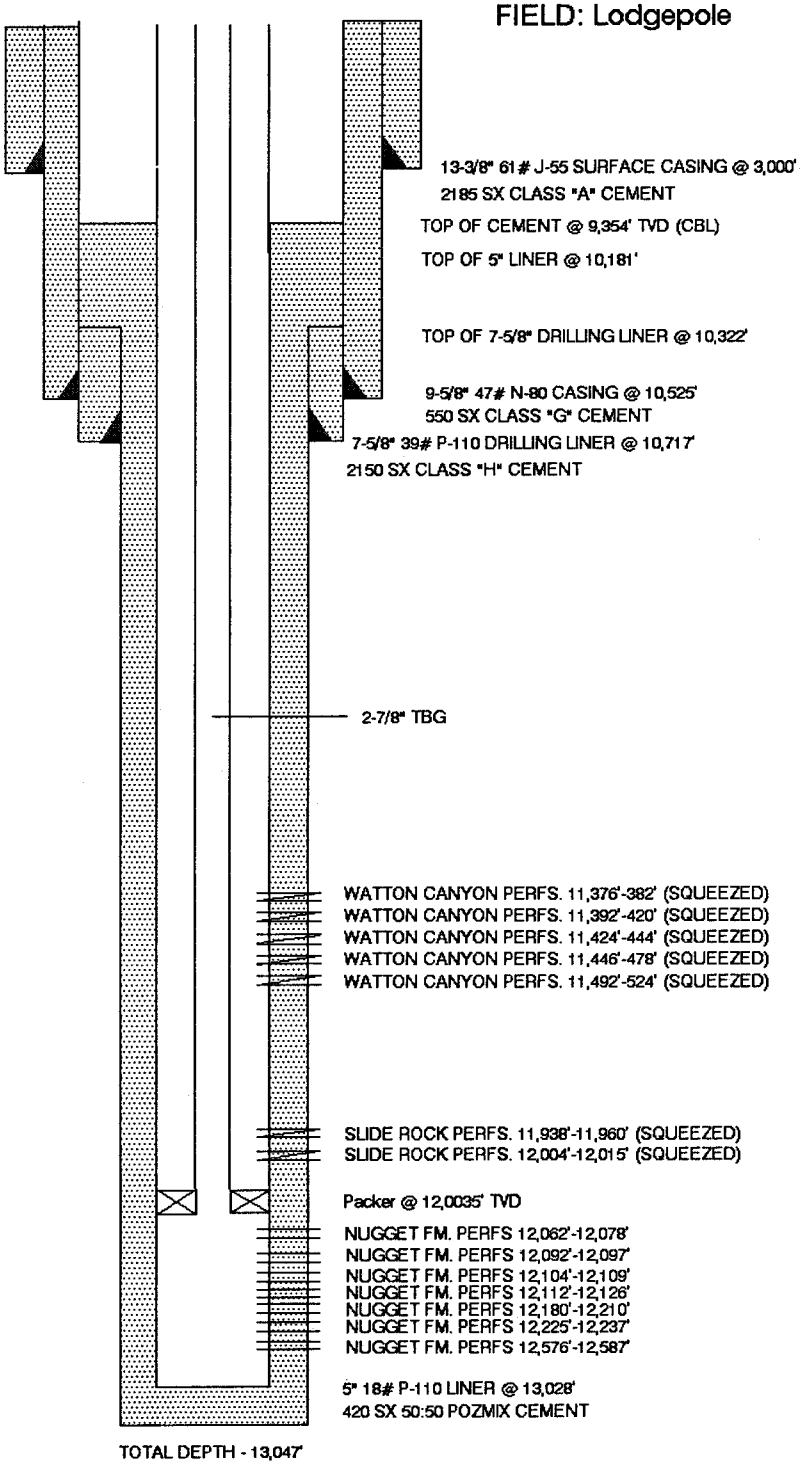
Yours truly,

UNION PACIFIC RESOURCES COMPANY

W. F. Brazelton
Senior Regulatory Analyst

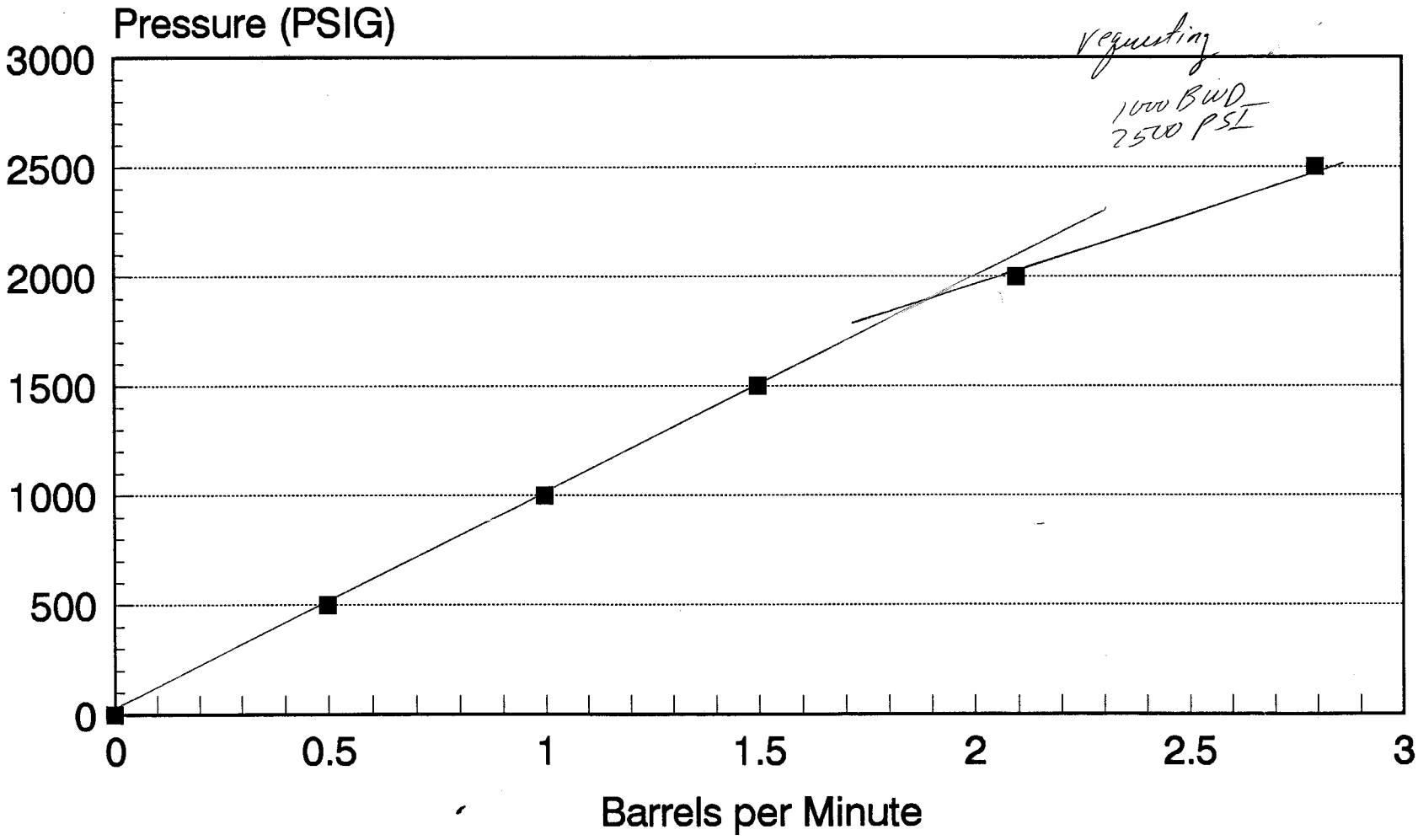
WELL NAME: CONOCO UPRC 33-1 SWD
Sec. 33, T. 2 N., R. 6 E.
Summit County, Utah
API No. 43-043-30233

DATE: 94-11-30
BY: WFB
FIELD: Lodgepole



UNION PACIFIC RESOURCES COMPANY

Step Rate Test - Conoco UPRR 33-1



Rate was held constant for 5 minutes, pressure was measured at the end of the time period.

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

December 13, 1994

W. F. Brazelton
Union Pacific Resources Company
P.O. Box 7
Fort Worth, Texas 76101-0007

Re: Application for Converting the UPRC 33-1 Well to a Salt Water Disposal Well

Dear Mr. Brazelton:

The Division has received and performed a cursory review of the application you submitted for the above mentioned well. In order to continue the review and prepare a notice of agency action for publication, the following information needs to be submitted:

1) Casing and cement data for the Judd 34-1H well

2) A cement bond log for the UPRC 33-1 well

3) A diagram of the wellbore after proposed conversion to injection

4) A compatibility analysis of the Twin Creek and Nugget formation waters

5) Step rate test data which will support the requested pressures and volumes

6) A description of the lithology of the area, including the depths of any fresh water aquifers and the depth to the base of moderately saline water (10,000 mg/L)

7) A description of the confining interval both above and below the injection zone

Upon submittal of the above information, the Division will continue to review the application for approval to convert the well to an injector. If you have any questions, please call me at (801)538-5340.

Sincerely,

Dan Jarvis
UIC Geologist

ldc
WUI23

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

January 9, 1995

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Re: Notice of Agency Action - Cause No. UIC-156

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisha Cordova

Lisha Cordova
Administrative Analyst

Enclosure

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

January 9, 1995

Summit County Bee
P. O. Box 128
Heber City, Utah 84032

Re: Notice of Agency Action - Cause No. UIC-156

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisha Cordova

Lisha Cordova
Administrative Analyst

Enclosure

Union Pacific Resources Company
UPRC 33-1 Well
Cause No. UIC-156

Publication Notices were sent to the following:

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Summit County Bee
P. O. Box 128
Heber City, Utah 84032

Union Pacific Resources Company
P. O. Box 7 MS 2602
Fort Worth, Texas 76101-0007

U.S. Environmental Protection Agency
Region VIII
Attn: Dan Jackson
999 18th Street
Denver, Colorado 80202-2466

Lisa Kirschner
P. O. Box 45898
Salt Lake City, Utah 84145-0898

Lisha Cordova

Lisha Cordova
Administrative Analyst
January 9, 1995

** TRANSMIT CONFIRMATION REPORT **

Journal No.	:	015
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Document	:	03 pages
Time	:	01'30"
Mode	:	G3 NORMAL
Result	:	OK

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
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Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

UTAH DIVISION OF OIL, GAS AND MINING
FACSIMILE COVER SHEET

DATE: Jan. 11, 1995

FAX # (801) 536-6111

ATTN: Lisa Kirschner

COMPANY: Parsons, Bailey & Latimer

FROM: Lisha Cordova

DEPARTMENT: Oil & Gas

NUMBER OF PAGES BEING SENT (INCLUDING THIS ONE): 3

If you do not receive all of the pages, or if they are illegible, please call (801) 538-5340.

We are sending from a Murata facsimile machine. Our telecopier number is (801) 359-3940.

MESSAGES:

Re: UPRC 33-1

(Faxed copy of Notice)

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

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, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

February 16, 1995

Union Pacific Resources Company
P.O. Box 7
Fort Worth, Texas 76101-0007

Re: UPRC 33-1 Well, Section 33, Township 2 North, Range 6 East, Summit County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by Union Pacific Resources Company.

3. Submittal of a compatibility analysis of the Twin Creek and Nugget Formations.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

R.J. Firth
Associate Director

cc: Dan Jackson, Environmental Protection Agency

143 SOUTH MAIN ST.
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D. # 87-0217663

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The Salt Lake Tribune (NA) DESERET NS

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AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF NOTICE OF AGENCY ACTIONCAUSE NO. UIC-156BEFOR FOR DIV OF OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON JAN 17 1995

95

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-156
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF UNION PACIFIC RESOURCES COMPANY FOR ADMINISTRATIVE APPROVAL OF THE UPRC 33-1 WELL LOCATED IN SECTION 33, TOWNSHIP 2 NORTH, RANGE 6 EAST, S.L.M., SUMMIT COUNTY, UTAH, FOR CONVERSION TO A CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Union Pacific Resources Company for administrative approval of the UPRC 33-1 well, located in Section 33, Township 2 North, Range 6 East, S.L.M., Summit County, Utah, for conversion to a Class II Injection Well. The proceeding will be conducted in accordance with Utah Admin. R.649.10, Administrative Procedures.

The interval from 12,062 feet to 12,608 feet (Nugget Formation) will be selectively perforated for water injection. The maximum allowable injection pressure and rate will be determined after converting the well and conducting a step-rate pressure test.

Any persons desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how the matter affects their interests.

DATED this 9th day of January, 1995.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
/s/ R.J. Firth
Associate Director, Oil and Gas

1D820040

ACCOUNT NAME	TELEPHONE
& MINING	801-538-5340
SCHEDULE	AD NUMBER
	1D820040
O. CAPTION	MISC. CHARGES
NOTICE OF AGENCY ACTIONCAUSE NO. UIC-156BEFOR	.00

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Gil
Pat

PROOF OF PUBLICATION

STATE OF UTAH, }
County of Summit, } ss.

I, Nancy Davis

being first duly sworn, depose and say that I am the

bookkeeper of The Summit County Bee, a weekly newspaper of general circulation. published once each week at Coalville, Utah, that the notice attached hereto and which is a Notice of Agency Action - Cause No. UIC-156

was published in said newspaper for One consecutive issues, the first publication having been made on the 20 day of Jan., 1995, and the last on the 20 day of Jan., 1995, that said notice was published in the regular and entire issue of every number of the paper during the period and times of publication, and the same was published in the newspaper proper and not in any supplement.

Nancy Davis

Subscribed and sworn to before me this 20 day of Jan., 1995.

Susan L. Burgi
Notary Public

My commission expires November 1, 1996.

OFFICE COPY

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

IN THE MATTER OF THE APPLICATION OF UNION PACIFIC RESOURCES COMPANY FOR ADMINISTRATIVE APPROVAL OF THE UPRC 33-1 WELL LOCATED IN SECTION 33, TOWNSHIP 2 NORTH, RANGE 6 EAST, S.L.M., SUMMIT COUNTY, UTAH, FOR CONVERSION TO A CLASS II INJECTION WELL

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-156

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the division is commencing an informal adjudicative proceeding to consider the application of Union Pacific Resources Company for administrative approval of the UPRC 33-1 Well, located in Sections 33, Township 2 North, Range 6 East, Summit County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 12,062 feet to 12,608 feet (Nugget Formation) will be selectively perforated for water injection. The maximum allowable injection pressure and rate will be determined after converting the well and conducting a step-rate pressure test.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests

DATED this 9th day of January, 1995.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
R.J. Firth
Associate Director, Oil and Gas

Published in The Summit County Bee January 20, 1995.

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

---ooOoo---

IN THE MATTER OF THE APPLICATION OF UNION PACIFIC RESOURCES COMPANY FOR ADMINISTRATIVE APPROVAL OF THE UPRC 33-1 WELL LOCATED IN SECTION 33, TOWNSHIP 2 NORTH, RANGE 6 EAST, S.L.M., SUMMIT COUNTY, UTAH, FOR CONVERSION TO A CLASS II INJECTION WELL	:	NOTICE OF AGENCY ACTION CAUSE NO. UIC-156

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

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DATED this 9th day of January, 1995.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

R.J. ~~Firth~~
Associate Director, Oil and Gas

Union Pacific Resources
A Subsidiary of Union Pacific Corporation

March 22, 1995

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

ATTN: Mr. Dan Jarvis

RE: Compatibility Analysis
Nugget-Twin Creek Formation Waters
UPRC Conoco 33-1 SWD
Sec. 33, T. 2 N., R. 6 E.
Summit County, Utah

Dear Dan:

Enclosed is a copy of the compatibility analysis for formation waters which will be commingled once the above referenced well is used for salt water disposal. I apologize for the delay in getting the analysis to you.

With regard to the status of the well, the engineer in charge of the project said that hookup is continuing and he assured me that he will contact your office prior to scheduling a pressure test of the casing.

Please call me at (817) 877-7952, Fax (817) 877-7942, if you have any questions or need additional information.

Yours truly,

UNION PACIFIC RESOURCES COMPANY

W. F. Brazelton
Senior Regulatory Analyst

Union Pacific Resources Company
P.O. Box 7
Fort Worth, Texas 76101-0007
817 / 877-6000
TWX 910 893 5024
Telex 758-447

Downhole Water Analysis 02/21/1995
 Bill Vickers

CLIENT NAME : UPRC
CLIENT LOCATION: Elkhorn Field

Well Number : Co-mingled Nugget-Twin Creek 1:1

DISSOLVED SOLIDS

Cations		mg/l	meq/l		mg/l
Sodium	Na+	17641.6	767.0	as NaCL	0.0
Calcium	Ca++	3363.8	167.9	as CaCO3	8400.0
Magnesium	Mg++	302.3	24.9	as CaCO3	1245.0
Barium	Ba++	81.2	1.2	as CaCO3	138.0
Strontium	Sr++	0.0	0.0	as CaCO3	0.0
Total Cations		21388.9	960.9		

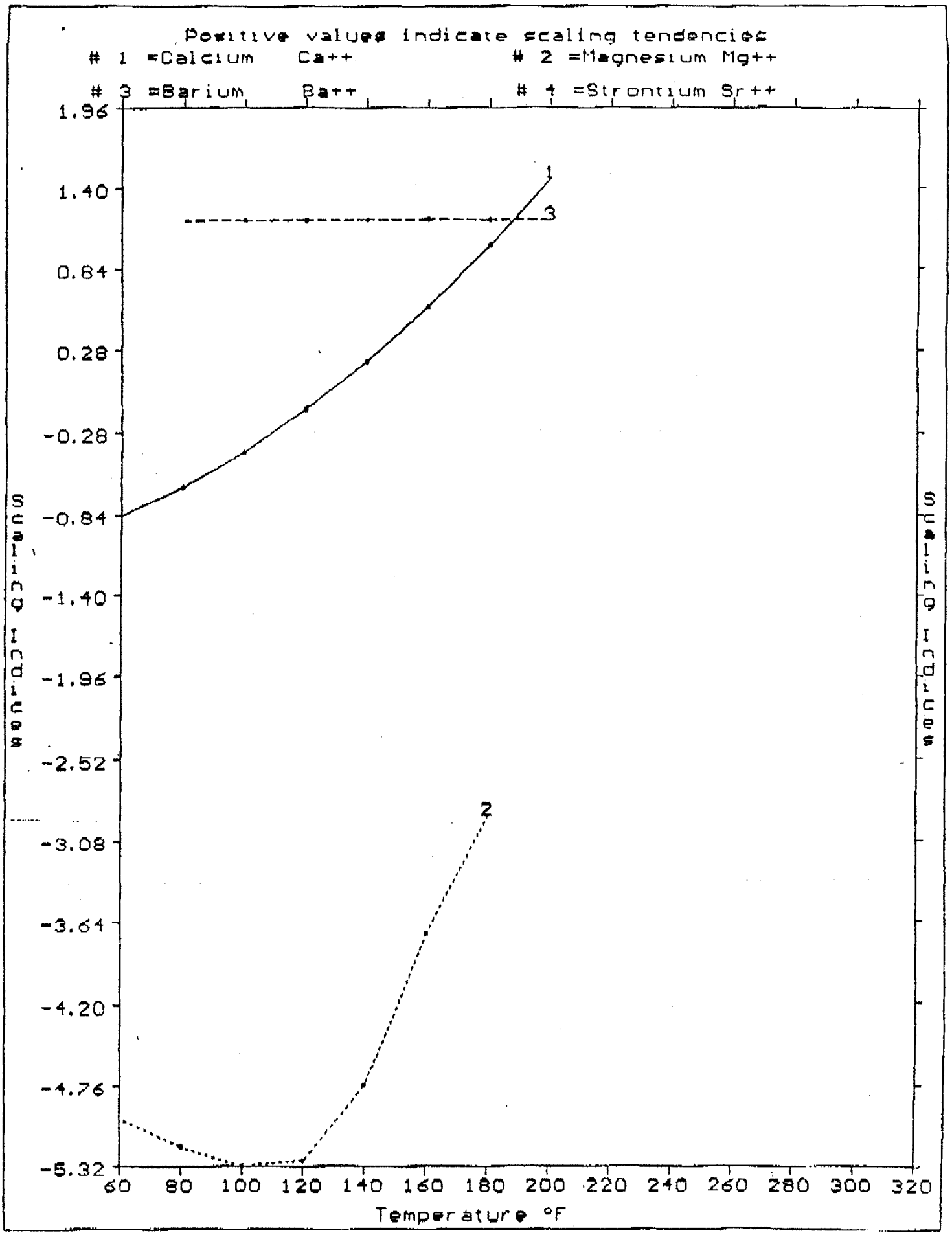
Anions		mg/l	meq/l		mg/l
Chloride	Cl-	33061.1	932.5	as NaCL	54500.0
Sulfate	SO4=	1267.9	26.4	as Na2SO4	1875.0
Carbonate	CO3=	0.0	0.0	as CaCO3	0.0
Bicarb.	HCO3-	121.9	2.0	as CaCO3	100.0
Total Anions		34450.9	960.9		
Total Solids		55839.8			

METALS

Total Iron,Fe	63.0	as Fe	63.0
Acid to Phen,CO2	440.0	as CaCO3	1000.0

OTHER PROPERTIES

pH	6.4
Specific Gravity	1.0
Turbidity jtu	20.0
Oxygen, as O2 ppm	0.0
Sulfide as H2S ppm	0.0
Temperature F	100.0


Positive values indicate scaling tendencies
1 =Calcium Ca++
2 =Magnesium Mg++
3 =Barium Ba++
4 =Strontium Sr++
1.96
1.40
0.84
0.28
-0.28
-0.84
-1.40
-1.96
-2.52
-3.08
-3.64
-4.20
-4.76
-5.32
Scaling Indices
60 80 100 120 140 160 180 200 220 240 260 280 300 320
Temperature °F
1
2
3

Downhole Water Analysis

02/21/1995
Bill Vickers

CLIENT NAME : UPRC
CLIENT LOCATION: Elkhorn Field

Well Number : Co-mingled Nugget-Twin Creek 1:1

>>> Scaling Indices <<<

Temperature (Deg. F)	Calcium Carbonate	Calcium Sulfate	Barium Sulfate	Strontium Sulfate
60.0	-0.84	-4.98	NA	NA
80.0	-0.65	-5.18	1.18	NA
100.0	-0.41	-5.32	1.18	NA
120.0	-0.12	-5.28	1.18	NA
140.0	0.21	-4.75	1.18	NA
160.0	0.58	-3.72	1.18	NA
180.0	1.00	-2.90	1.18	NA
200.0	1.46	NA	1.18	NA
220.0	NA	NA	NA	NA
240.0	NA	NA	NA	NA
260.0	NA	NA	NA	NA
280.0	NA	NA	NA	NA
300.0	NA	NA	NA	NA
320.0	NA	NA	NA	NA

Positive values indicate scaling tendencies

Division of Oil, Gas and Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

[] **Well File** UPRC 33-1

(Location) Sec___ Twp___ Rng___

(API No.) _____

[] **Suspense**
(Return Date) _____
(To - Initials) _____

[] **Other** _____

1. Date of Phone Call: 3/21/95 Time: 9:00 AM

2. DOGM Employee (name) D. Jarvis (Initiated Call [])
Talked to:

Name W.F. Brazelton (Initiated Call []) - Phone No. ( )

of (Company/Organization) UPRC.

3. Topic of Conversation: Requested information on status of conversion procedure & request for compatibility analysis.

4. Highlights of Conversation:

Brazelton said he had to talk to engineer to find out status and would call back.

Authority to inject will not be granted until we receive comp. Analysis.

(received compat. Analysis 3/23/95)

Well is in process of conversion and Division will be notified of time for MIT.

STATE OF UTAH
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

INJECTION WELL - PRESSURE TEST

Test Date: 3/30/95 Well Owner/Operator: UPRC

Disposal Well: X Enhanced Recovery Well: _____ Other: _____

API No.: 43-043-30233 Well Name/Number: 33-1

Section: 33 Township: 2 N Range: 6 E

Initial Conditions:

Tubing - Rate: SI Pressure: VAcuum psi

Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	~~1000~~ 0	0
5	1000	
10	1000	
15	1000	
20		
25		
30		

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 0 psi

Casing/Tubing Annulus Pressure: _____ psi

REMARKS: New well converted to Injection, Pumped approx. 55 Bbls to fill backside PASsed MIT

Operator Representative

DOGM Witness

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

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, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-156

Operator: Union Pacific Resources Company

Well: UPRC 33-1

Location: Section 33, Township 2 North, Range 6 East, Summit County

API No.: 43-043-30233

Well Type: Disposal

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on February 16, 1995.
2. Maximum Allowable Injection Pressure: 1900 psig
3. Maximum Allowable Injection Rate: 2700 bwpd
4. Injection Interval: 12,062 feet to 12,608 feet (Nugget Formation)
5. A second step rate test shall be run within 6 months

Approved by: _____ 4/3/95

R.J. Firth
Associate Director, Oil and Gas

Date

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. If Indian, Allotee or Tribe Name: NA

7. Unit Agreement Name: NA

1. Type of Well: OIL ( ) GAS ( ) OTHER: (X) WDW

8. Well Name and Number: UPRC 33-1 SWD

9. API Well Number: 43-043-30233

2. Name of Operator: Union Pacific Resources Company

10. Field and Pool, or Wildcat: Lodgepole

3. Address and Telephone Number: P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages: SESE Sec. 33, T. 2 N., R. 6 E.
QQ, Sec., T., R., M.
County: Summit
State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Completion of SWD conversion	
( ) Other_____			

Approximate date work will start_____

Date of work completion: April 17, 1995

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

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

Please be advised that the conversion of UPRC 33-1 to SWD was completed on April 17, 1995, and salt water injection was initiated on that date.

RECEIVED
JUN 01 1995
DIV. OF OIL, GAS & MINING

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"
If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W. F. Brazelton Title: Senior Regulatory Analyst Date: 95-05-31

(This space for State use only)

(12/92)

MICROFICHE

43-043-30032

Union Pacific Resources
A Subsidiary of Union Pacific Corporation

Mr. Ron Firth
Utah State Division of Oil, Gas & Mining
355 W. North Temple
3 Triad, Suite 350
Salt Lake City, Utah 84180-1203

August 18, 1995

Dear Mr. Firth:

Enclosed please find a copy of the Step Rate Flow Test Report and the chart for the UPRR 33-1 from August 16, 1995.

Thank you for your assistance.

Sincerely yours,

Dave Werner, Operations Specialist
Pineview/Yellow Creek Area
P.O. Box 527
Coalville, Utah 84017
Tel. (801) 336-5631
Fax. (801) 336-2172

Union Pacific Resources Company
Yellow Creek Gas Plant
P.O. Box 527
Coalville, UT 84017
801/336-5604
Pineview Gas Plant
801/336-2600
Pineview Production Office
801/336-5668

43-043-30232

16-Aug-95

Daily Completion and Workover Report

Proposed Work: Step Rate Flow Test
PC: Land Grant **Team:** Overthrust
Lse: UPRR 33-1 **Field:** Lodgepole
Rig: Summit **Supervisor:** Smith

Casing & Tubing

OD	WT	Grade	Remarks
9 5/8"	47#		10525'
5"	18#		10181-13028'

Packer Detail **Anchor set @**

MD	Type		Remarks
BAKE	R-3	5" 18#	DOUBLE GRIP SET @ 12,034'
			NICKEL COAT ON PACKER

Operations

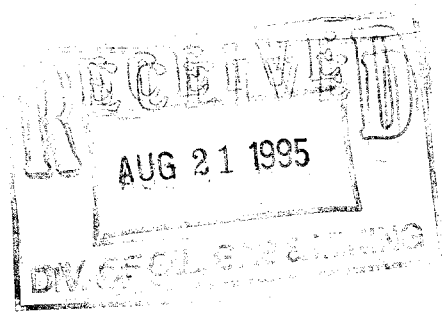
From	To	
00:00		MI & RU Cannon flat tank and pump
		Start Pumping at 1.0 BPM @ 1170 PSI
		2.0 BPM @ 1520 PSI
		2.5 BPM Exceeded 1900 PSI
		2.2 BPM @ 1840 PSI
		NOTE: SEE Pressure Chart !

BHA

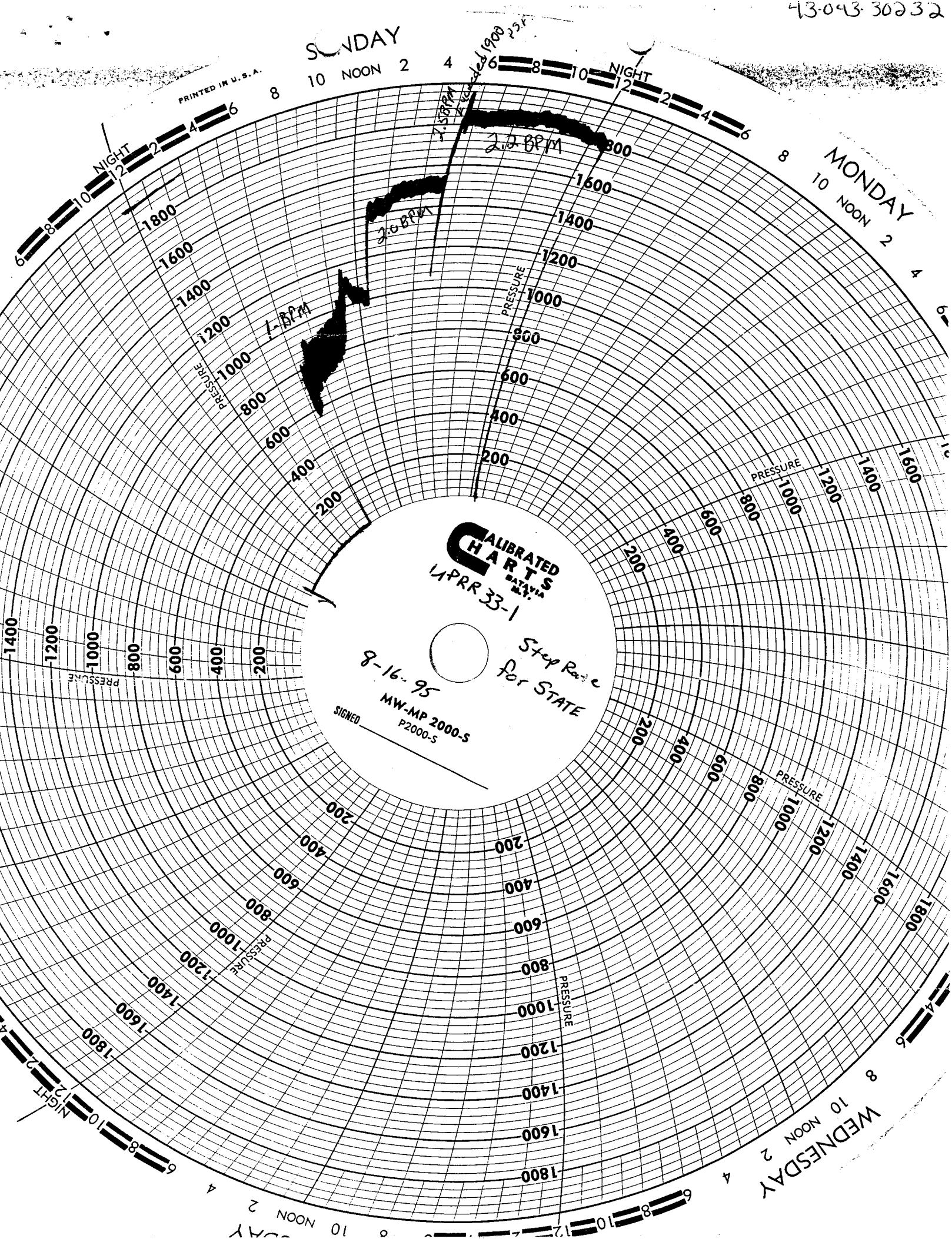
Qty	Description	Length
	KB	25.00
317	Jts L-80 tbg CEMENT /C	9792.40
1	2 7/8"-2 3/8" crossover	1.09
71	JTS 2 3/8" N80 8RD	2209.26
1	Baker 5" 18# Packer	7.21
	Total BHA	12034.96

Costs

Qty	Description	Cost
	Rig	$900
	BOP	$0
	F-Tnk	$0
	Thread Masters	$0
	Flare	$0
	Trucking	$750
	Baker Packer	$0
	Dalbo	$280
	Tri-State	$0
	Nalco/Exxon	$0
	Total Daily Cost	$1,930
	Cumulative Cost to Date	$1,930



43-043-30232


SUNDAY
MONDAY
TUESDAY
WEDNESDAY
NOON
NIGHT
PRESSURE
1-BPM
2.0 BPM
2.2 BPM
Increased 1900 psi
CALIBRATED CHARTS
UPRR 33-1
Step Rate for STATE
8-16-95
MW-MP 2000-S
P2000-S
SIGNED
PRINTED IN U.S.A.

STATE OF UTAH
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

INJECTION WELL - PRESSURE TEST

Test Date: 8/8/96	Well Owner/Operator: UPRC		
Disposal Well: X	Enhanced Recovery Well:	Other:	
API No.: 43- 043- 30233	Well Name/Number: UPRC 33-1		
Section: 33	Township: 2N	Range: 6E	

Initial Conditions:

Tubing - Rate: _____ Pressure: 635 psi

Casing/Tubing Annulus - Pressure: 100 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0		
5		
10		
15		
20		
25		
30		

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: _____ psi

Casing/Tubing Annulus Pressure: _____ psi

REMARKS: pumped 390 bbls of water (casing volume) well would not pressure up. (Twin truck perfs above packer must be leaking Failed MIT.

Operator Representative **DOGM Witness**

Union Pacific Resources
A Subsidiary of Union Pacific Corporation

October 15, 1996

Division of Oil, Gas and Mining
Utah Department of Natural Resources
P. O. Box 14581
1594 West North Temple - Suite 1210
Salt Lake City, Utah 84114-5801

ATTN: Mr. Gil Hunt

RE: Sundry Notice of Intent to Repair Casing Leak
UPRC 33-1 SWD
Section 33, T. 2 N., R. 6 E., SLM
Summit Juan County, Utah

Dear Mr. Hunt:

Enclosed please find one original plus one copy of a Sundry Notice of Intent to Repair Casing Leak for the above referenced well located in Summit County, Utah, along with the proposed procedure. We will appreciate your earliest consideration and approval of the request.

Please call me at (817) 877-7952, FAX (817) 87707942, if you have any questions or need additional information.

Yours truly,

UNION PACIFIC RESOURCES COMPANY

W. F. Brazelton

W. F. Brazelton
Senior Regulatory Analyst

Union Pacific Resources Company
P.O. Box 7
Fort Worth, Texas 76101-0007
817 / 877-6000
TWX 910 893 5024
Telex 758-447

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.
Fee

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. If Indian, Allotee or Tribe Name
NA

7. Unit Agreement Name
NA

1. Type of Well:
OIL ( ) GAS (X) OTHER: ( ) INJ. (X)

8. Well Name and Number
UPRC 33-1 SWD

9. API Well Number
43-043-30233

2. Name of Operator
Union Pacific Resources Company ATTN: W. F. Brazelton

10. Field and Pool, or Wildcat
Lodgepole

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877- 7952 (-6000 Main Number)

4. Location of Well
Footages SE/4SE/4 Sec. 33, T. 2 N., R. 6 E., SLM
QQ, Sec., T., R., M.

County Summit

State Utah

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
(X) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	( ) Other_____	
(X) Other: Sundry Request			

Approximate date work will start: Upon Approval

Date of work completion_____

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

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

Union Pacific Resources Company proposes to attempt to repair the casing in the UPRC 33-1 SWD according to the accompanying procedure. We will appreciate your prompt consideration and approval of this request.

RECEIVED
OCT 1 6 1996
DIV. OF OIL, GAS & MINING

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS **"COMPANY CONFIDENTIAL"**
If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W. F. Brazelton Title: Senior Regulatory Analyst Date: 96-10-15

(This space for State use only)
J.M. Matthews Petroleum Engineer 10/17/96

(12/92)

CONOCO UPRR 33-1

Objective: To place a Mara-Seal treatment in the Watton and/or Slide Rock formations in order to provide a positive surface pressure test of 1,000 psi as per the state of Utah.

Info: See attached well schematic. The well was recently injected into the annulus where it was found to have 380 BBL's needed to fill before injection into the Watton and/or Slide Rock formation.

Field :	Lodgepole	Max. Surface Press. :	5,500 psi **Check Wellhead Rating
Location :	Sec. 33 T2N R6E	BHST (Est.) :	200 ° F
County / State :	Summit Co., Utah		

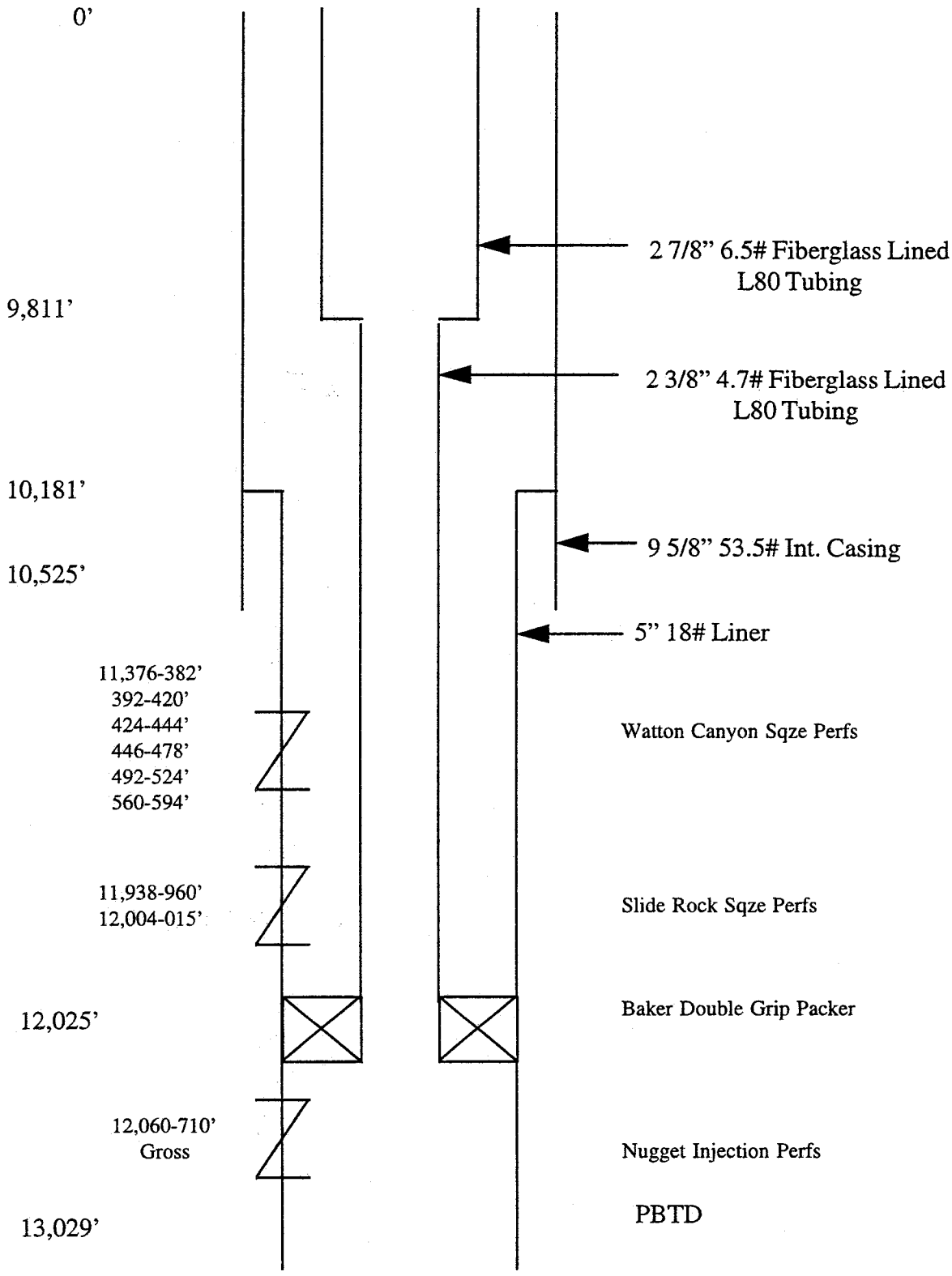
Procedure:

1. RU Dowell to annulus. Continue water disposal in the Nugget in order to ensure that Mara-Seal does not channel behind casing.
2. Test Lines.
3. Pump 5 BBL's water to ensure tree is correct.
4. Pump 135 BBL's Mara-Seal . Attempting to place 113 BBL's Mara-Seal in the formation and 22 BBL in the Liner.
5. Displace with 259 BBL's water.
6. Displace with 380 BBL's N_2. This should be the same number as the amount of fluid to fill the annulus. If it is different than 380 Bbl's than change Step #5 accordingly.
7. Bleedoff N_2 pressure.
8. RD Dowell and allow Mara-Seal 2 Days to crosslink.

Use the following concentrations:

- J492 - 18.4 #/BBL (5 %) Gelling Agent
- J491 - 0.39 gal/BBL Crosslinker
- J493 - 0.95 gal/BBL Delay Agent

CONOCO UPRR 33-1



Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

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, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

August 14, 1996

Union Pacific Resources
P.O. Box 7, MS 3600
Fort Worth, Texas 76101-0007

Re: Mechanical Integrity of Disposal Wells Located in Summit County, Utah

Gentlemen:

Recently mechanical integrity tests were conducted on several of Union Pacific Resources Company's ("UPRC") disposal wells located in Summit County, four of which were witnessed by Division staff members. Five of the wells, which are listed below, would not pass a pressure test and thus did not demonstrate mechanical integrity.

Clark 4-1	Sec. 4, T2N, R7E	43-043-30071
UPRC #1	Sec. 17, T2N, R7E	43-043-30290
UPRC 33-1	Sec. 33, T2N, R6E	43-043-30233
UPRC 3-5	Sec. 3, T2N, R7E	43-043-30035
UPRC 10-3	Sec. 10, T2N, R7E	43-043-30097

The Clark 4-1, UPRC #1, and UPRC 33-1 wells are Nugget Formation injectors which appear to have casing leaks while tubing and packer remain sound. These wells should be repaired so that mechanical integrity is again established and maintained. This work should be commenced within 90 days following receipt of this letter.

The UPRC 3-5 and UPRC 10-3 wells are Stump injectors which according to monthly reports are not being used for injection. The 3-5 appears to have a casing leak while the 10-3 shows evidence of tubing and casing failure. The Division and Board of Oil, Gas and Mining have previously voiced concern about injection into the Stump Formation and in fact recommended

discontinuing this practice, letter dated August 2, 1988 and Order in Cause No. 160-14, (both available upon request). Subsequently, we recommend that UPRC give serious consideration to plugging both of these wells.

The UPRC 5-1 (Jones) well was not tested and is reportedly on the list for plugging by UPRC. Since this well has demonstrated integrity problems in the past and is not being used for injection we also encourage plugging it. Sec. 5, 2N, 7E 43-043-30004

If you would like to discuss the testing and/or your plans for repair of the wells, please contact me at 801-538-5297 or Dan Jarvis at 801-538-5338.

Sincerely,

Gil Hunt
Environmental Manager, Oil & Gas

Author: Paul R. Smith at UPRC-FW-FS1
Subject: Mechanical Integrity Testing of Pineview SWD Wells
---------- Message Contents ----------

Bingham & Sons #1 Pumped 65 BBLS of treated water. 1000PSI on backside and 500PSI on tbg held pressure on backside for 30 min.. Well pressure Tested OK! (when injection pumps were down the tbg pressure was 110PSI) 43-043-30295 Sec. 2, 2N, 7E

1-31-3
McDonald 31-3: Pumped 3 BBLS of treated water. 1000PSI on backside and 770PSI on tbg with injection pump running. (when injection pump was down the tbg pressure went to 120PSI) Well pressure Tested OK! 43-043-30018 Sec. 3, 2N, 7E

Clark 4-1: Pumped 29 BBLS of treated water. 1000PSI on backside and 530PSI on tbg, held pressure on backside for 30 min.. The backside bled off to 700PSI in 20 min. then held. Looks like the twin creek perfs. are still leaking because the injection pressure came up to 1125PSI at the same time. Does not look like we have communication between the tbg and annulus. Well did not pressure test! Failed MIT 43-043-30071 Sec. 4, 2N, 7E

UPRC #1 Exxon: Pumped 2 BBLS of treated water. 1000PSI on backside and 675PSI on the tubing with the injection pumps shutdown. Held pressure on backside for 30 min. After 10 min. the backside bled off to 900PSI we started the injection pumps and tbg pressure went to 1080PSI. After 25 min. the backside was at 775PSI the tbg was holding at 1125PSI. Looks like the Perfs. are still leaking on this well. Does not look like we have communication between the tbg and annulus. Well did not pressure test! Failed MIT. 43-043-30290 Sec. 17, 2N, 7E

UPRR 33-1 Conoco: Pumped 390 BBLS treated water. 100PSI on backside and 635PSI on the tubing with the injection pump running. Well did not test leaking in perfs. Well did not pressure test! 43-043-30233 Sec. 33, 2N, 6E

UPRR 3-5:Pumped 1 BBL treated water. 1000PSI on backside and 2200PSI on tbg. Pressure dropped off to 700PSI on backside pumped back up to 1000PSI on back side and shut in to go test the bingham 10-3. Backside pressure down to 550PSI in one hour. Well did not pressure test! 43-043-30035 Sec. 3, 2N, 7E

Blonquist 26-4: Pumped 5 BBLS treated water. 1000PSI on backside and 1600 on tbg. Held pressure for 15 min. Well Pressure Tested OK! 43-043-30268 Sec. 26, 2N, 6E

UPRR 10-3: Had 500PSI on backside and water at surface. Pumped 10 BBLS of treated water. Well did not pressure test. State would like for us to P&A this well as soon as possible. 43-043-30097 Sec. 10, 2N, 7E

UPRR 5-1 Jones : On P&A list. 43-043-30004 Sec. 5, 2N, 7E

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Underground Injection Control Program
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5338
801-359-3940 (Fax)

Daniel Jarvis
Geologist

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

	5. Lease Designation and Serial Number: Fee
SUNDRY NOTICES AND REPORTS ON WELLS	6. If Indian, Allottee or Tribe Name: N/A
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	7. Unit Agreement Name: N/A
1. Type of Well: OIL ☐ GAS ☒ OTHER:	8. Well Name and Number: UPRR 33-1
2. Name of Operator: Union Pacific Resources Company	9. API Well Number: 43-043-30233
3. Address and Telephone Number: P.O. Box 7 - MS/3006, Ft. Worth, TX 76101-0007 (817) 877-7952	10. Field and Pool, or Wildcat: Lodgepole
4. Location of Well Footages: 210' FEL, 660' FSL Section 33, T. 2N., R. 6E., SLBM QQ, Sec.,T.,R.,M.: SE4/SE4 Sec. 33, T. 2N., R. 6E., SLBM	County: Summit State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
☐ Abandonment	☐ New Construction	☐ Abandonment *	☐ New Construction
☐ Casing Repair	☐ Pull or Alter Casing	☐ Casing Repair	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recompletion	☐ Change of Plans	☐ Shoot or Acidize
☐ Conversion to Injection	☐ Shoot or Acidize	☐ Conversion to Injection	☐ Vent or Flare
☐ Fracture Treat	☐ Vent or Flare	☐ Fracture Treat	☐ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	☒ Other Injectivity Test Results	
☐ Other _____			
Approximate date work will start _____		Date of work completion _____	

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

* Must be accompanied by a cement verification report.

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

Squeezed and pressure tested perfs in Watton Canyon and Slide Rock Members of Twin Creek Formation

See Attached Chronology

Please contact the undersigned at (817) 877-7952 if more information is needed.

RECEIVED
NOV - 2 1994
DIV OF OIL, GAS & MINING

13.

Name & Signature: W.F. Brazelton W.F. Brazelton Title: Sr. Regulatory Analyst Date: 11-1-94

(This space for State use only)

(12/92) (See Instructions on Reverse Side)

UPRC 33-1
Sec. 33, T. 2 N., R. 6 E. SLBM
Summit County, Utah

Squeeze and Pressure Test
Watton Canyon and Slide Rock Member Perforations
Twin Creek Formation

94-09-26 MIRU, ND wellhead, NUBOPs, unseated 9-5/8" TBG anchor

94-09-27 ISO TBG inspection, pulled TBG

94-09-28 Continued pulling TBG, layed down 2-7/8" TBG, 2-3/8" TBG and 9-5/8' TBG anchor. PU PKR, TIH to 10,434'

94-09-29 Continue TIH W/PKR, set PKR @ 11,308', pump 680 BBL water @ 3.5 BPM, PRESS up to 1,000 #'s for 30 min., PU TBG, pump 100 BBL water, no PRESS, TBG volume = 63 BBL

94-09-30 Bled off backside, RU Halliburton, pump 10 BBL fresh water @ 3 BPM, pumb 10 BBL SuperFlush @ 3 BPM, pump 7 BBL fresh water @ 2 BPM, pump 11 BBL cement @ 2 BPM, let cement gravity down, SI well for 1 HR, pump 33 BBL cement, SI well for night.

94-10-01 RU Halliburton, pump 60 BBL fresh water, pump 7 BBL SuperFlush, pump 3 BBL fresh water spacer, pump 43 BBL cement followed by 63 BBL fresh water, let last 45 BBL water gravity in well, SI well for 2 HR, pumped 3 BBL fresh water, mixed and pumped 43 BBL Class "G" cement followed by 61 BBL water with no pressure, release PKR, TOOH w/ 30 stands.

94-10-03 Complete TOOH, LD TBG and PKR, PU TBG and cement retainer, set retainer @ 11,267' RU pump, pump 70 BBL water, well on VAC, unstung stinger and CIRC hole full w/ 670 BBL, PRESS up to 1000 # SI well for night.

94-10-04 RU Halliburton, tested lines to 4000 #, mix and pump 10 BBL SuperFlush followed by 5 BBL fresh water, 50 sx 50/50 POS cement, 5 BBL fresh water, 10 BBL SuperFlush, 5 BBL fresh waer, 350 sx 50/50 POS cement, 63.5 BBl water, last 53 BBL water gravity in at 1 BPM, unsting retainer, RV out TBG w/produced water, waited 2.5 HRS, sting in retainer for 2 MIN, well on VAC, sting out retainer, spot 10 BBL SuperFlush W/5 BBL fresh water and 50 sx 50/50 POS cement at end of TBG, sting in retainer, let last 37 BBL waer gravity in, sting out retainer, spot 150 sx 50/50 POS cement at end of TBG, sting in retainer, let last 50 BBL gravity in, last 15 BBL from 1 BBL/1.5 MIN to 1 BBL/8 MIN, PRESS up to 300 #, sting out retainer, SI for night.

94-10-05 Sting in retainer, PRESS up to 500 #, bled back to 300# in 3 MIN, PRESS to 1,000#, bled down slow, called for cement, RU Halliburton, tested lines to 4000#, spot 50 sx Class "G" cement @ bottom of TBG, sting in retainer, pump 2 3/4 BBL cement below retainer, PRESS 3,300#, let PRESS bled down, sting out retainer, CIRC out cement.

94-10-06 TOOH W/TBG and cement stinger, LD TBG, PU bit, TIH, drill cement retainer and cement.

94-10-07 RU power swivel, drill out 3' cement and cement retainer, drill to 11,275, RD swivel, TOH with bit.

94-10-10 PU new 4"rock bit, TIH, tag cement @ 11,271' drill to 11,614', CIRC hole clean.

94-10-11 Close BOP, filling hole to test backside, well taking water, TOOH W/bit and DCs, PU bit and scrapper, TIH to 11,765', started TOOH.

94-10-12 TOOH W/bit and scrapper, PU Baker PKR, TIH, set PKR @ 11619' W/20000#, RU pump on TBG, PRESS to to 1000#, bled to 0 in 15 MIN, checked all lines, PRESS up to 1000#, bled off in 20 MIN, unseated PKR, reseat PKR @ 11,341' (above Watton Canyonh perfs), fill TBG, PRESS after 29 BBL, pump thru perfs @ 1 BPM with 1000#, filled backside.

94-10-13 RU Halliburton, tested lines to 4000#, pump 56 BBL water @ 1.5 BPM w/out any PRESS, mixed 50 sx 50/50 POS cement, put 1000# PRESS on backside, pump 30 BBL cement and water, PRESS up to 800#, pump 26 more BBL @ 800# @ 1.4 BPM, shut pumps, well on vac, let gravity until cement cleared PERFS, SI, wait 4 HRS, gravity in 2 1/4 BBL then stopped, PRESS to 500#, bled off very slow, PRESS to 1000#, bled to 500# in 30 MIN,PRESS up to 1000#, bled to 500# in 30 MIN, bled CSG and TBG, released PKR, pulled 6 stands.

94-10-14 TOOH W/bit and scrapper, TIH W/bit and scrapper, tag cement @ 11,510', drilled cement (soft) to 11,630' (below PERFS).

94-10-15 Pump 92 BBL to break CIRC, TIH to 11,760', dumped 4 sx 10/20 sand, SD for weekend.

94-10-17 Pump 220 BBL produced water to load hole, PRESS up to 1,250#, bled down to 500# in 15 MIN, TIH W/Baker PKR, set PRK @ 11,690', PRESS TBG to 1,200# for 10 MIN, PRESS backside to 1,000#, bled down to 350# in 15 MIN, unseated PKR, set PKR @ 11,540', PRESS TBG to 1,000#, bled off in 2 MIN, pump 1 BBL @ 1,500# 0.5 BPM, PRESS CSG to 1,250#, bled off 300# in 15 MIN, found 1 small leake in line, PRESS up to 1,250#, bled back to 1,000# in 15 MIN, unseated PRK, set PRK @ 11,487', PRESS up to 1,250#, bled back to 1,000# in 15 MIN, unseated PRK, set PKR @ 11,373", PRESS up backside to 1,250#, held for 15 MIN, unseated PKR, set PKR at 11,387', PRESS up to 1,250#, held OK, bled, SD for night.

94-10-18 RU Halliburton, tested lines to 3,500#, spot 50 sx AG-300cement + additives @ 11,387', closed CIRC valves, pump PRESS went from 2,000# to 2,700# @ 0.25 BPM, SD W?1.5 BBL cement in CSG for 20 MIN, kicked pump in, PRESS to 3,000# leaving 0.75 BBL cement in CSG, held PRESS for 2 HRS, bled off to 600#, RD Halliburton.

94-10-19 Unseated PRK, PRESS up CSG to 1,250#, held for 20 MIN, TOOH W/PKR, last 48 JTS TBG full of cement, LD TBG, PU bit and 4 DCs, TIH W/2-7/8" PKR.

94-10-20 Finished TIH W/PKR, tag cement @ 11,384", drill cement to 11,573', very hard, CIRC hole, PU 60', SD for night.

94-10-21 Drill cement to 11,594', TIH to 11,605', CIRC out, PRESS up to 1,000#, bled to 850# in 30 MIN, one stroke of pump PRESS 2,000#, bled off slow to 850#, TIH and tag sand @ 11,720', drill to 11,836'.

94-10-22 Pump 145 BBL produced water, drill to 11,864 to top of CIBP, drill to 11,876', CIRC hole clean, TOOH to 3,100'.

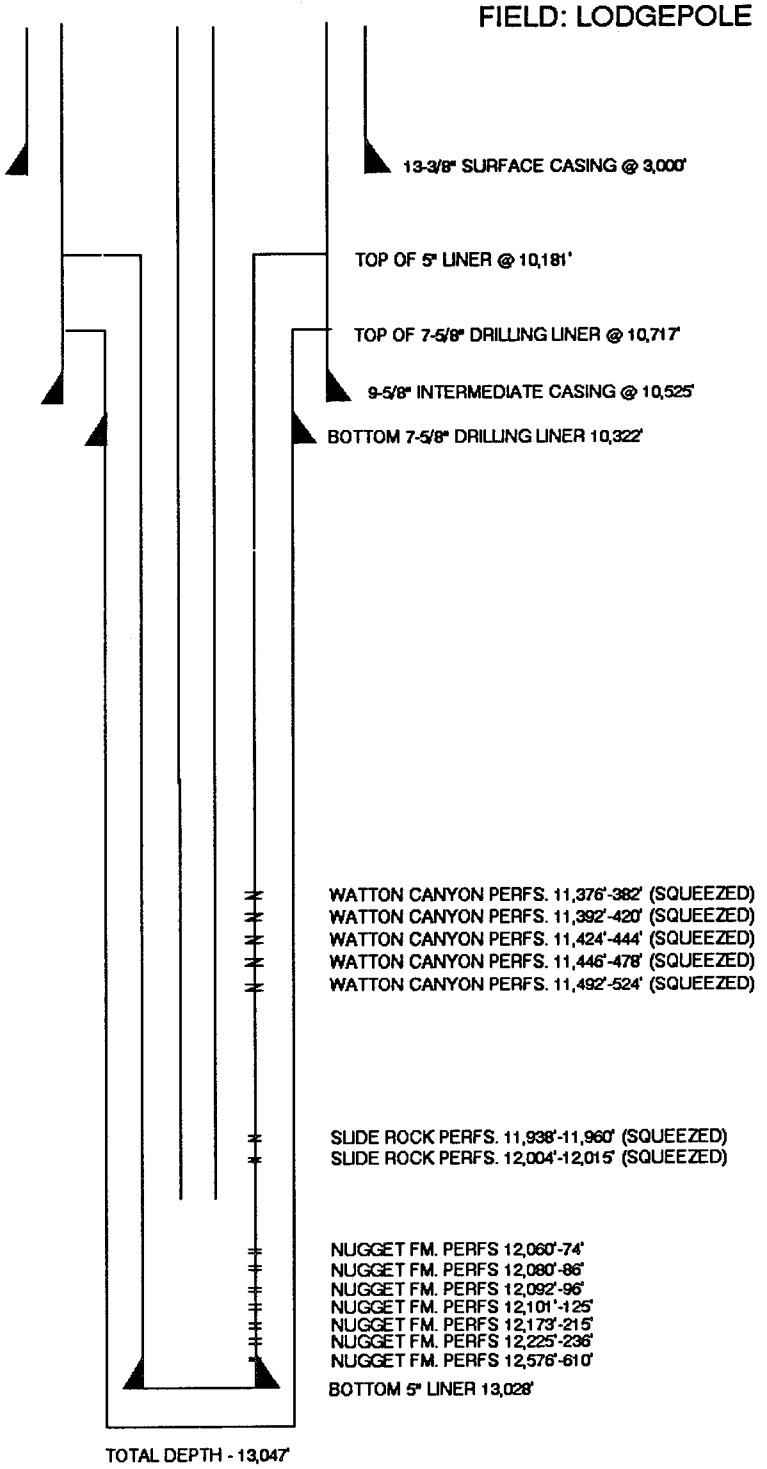
94-10-24 TOOH W/bit, PU bit and scrapper, tagged bottom @ 12,020', drill to 12,022', very hard, TOOH to 4,000'.

94-10-26 TOOH, LD bit and scrapper, PU Baker PKR, TIH, set PKR @ 12,018' (3'below bottom PERFS),PRESS up to 1,250#, bled off very slow (90#/5 MIN), unseated PKR, set PKR @ 11,960', PRESS up to 1,250#, bled off at 90#/5 MIN, unseat PKR, set PRK @ 11,920', PRESS up to 1,250#, bled off 90#/5 MIN.

94-10-28 Unseated PRK, TOOH, LD PRK, PU cut shoe to drill junk, TIH, tagged bottom @ 12,023', RU power swivel, CIRC hole clean.

WELL NAME: UPRR 33-1
SEC. 33, T. 2 N., R. 6 E.
SUMMIT COUNTY, UTAH

DATE: 94-11-01
BY: WFB
FIELD: LODGEPOLE



FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. If Indian, Allotee or Tribe Name: NA

7. Unit Agreement Name: NA

1. Type of Well: OIL (X) GAS ( ) OTHER: ( ) INJ. ( )

8. Well Name and Number: UPRC 33-1 SWD

9. API Well Number: 43-043-30233

2. Name of Operator: Union Pacific Resources Company

10. Field and Pool, o: Lodgepole

3. Address and Telephone Number: P. O. Box 7 MS 29-3006-01 Fort Worth, Texas 76101-0007
Telephone (817) 321-6739

4. Location of Well
Footages
QQ, Sec., T., R., M.: (SESE) Sec. 33, T2N-R6E
County: Summit
State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	( ) Other_____	
(X) Other: **Change of Operator**			

Approximate date work will start: Upon Approval

Date of work completion_____

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

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

Union Pacific Resources Company has sold the captioned well to Citation Oil & Gas Corp. P. O. Box 690688, Houston, Texas 77269-0688 and requests that Citation be named Operator of Record effective January 1, 1999. Please release this well from coverage under Union Pacific Resources Company's Utah Statewide Bond #2447222.

On behalf of Union Pacific Resources Company I hereby certify that the foregoing is true and correct:

Dorothy Moravek DMoravek Title: Regulatory Analyst Date 12-18-98

By execution of this document, Citation Oil & Gas Corp. requests the State of Utah to approve it as Operator of Record for the above captioned well. Citation accepts responsibility for this well under it's Utah Statewide Bond #587800.

13. On behalf of Citation Oil & Gas Corp. I hereby certify that the foregoing is true and correct:

Robert T. Kennedy Robert T. Kennedy Title: Vice President-Land Date: 12-22-98

(This space for State use only)

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DEC 24 1998
DIV OF OIL, GAS & MINING

(12/92)

01/19/99 D E T A I L W E L L D A T A menu: opt 00

api num:	4304330233	prod zone: NGSD	sec	twnshp	range	qr-qr
entity:	192 : UPRC 33-1		33	2.0 N	6.0 E	SESE

well name: UPRC 33-1
operator: N9465 : UNION PACIFIC RESOURCES CO meridian: S
field: 525 : LODGEPOLE
confidential flag: confidential expires: alt addr flag:

* * * application to drill, deepen, or plug back * * *

lease number:	FEE	lease type:	4	well type:	OW
surface loc:	0990 FSL 0990 FEL	unit name:			
prod zone loc:	0990 FSL 0990 FEL	depth:	14500	proposed zone:	
elevation:	7510' KB	apd date:	830601	auth code:	167-2
* * completion information * *		date recd:	850318	la/pa date:	
spud date:	830708	compl date:	840601	total depth:	13047'
producing intervals: 12062-608'					
bottom hole:	0990 FSL 0990 FEL	first prod:	840226	well status:	WDW
24hr oil: 804	24hr gas: 240	24hr water:	4	gas/oil ratio:	
* * well comments:		directionl:		api gravity:	

941026 CONV WDW & WELL NM FR UPRR 33-1:950711 COMM INJ EFF 4-17-95: SEE ALSO TWNCR:

opt: 21 api: 4304330233 zone: date(yymm): enty acct: N9465

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

January 27, 1999

Union Pacific Resources Company
Attn: Dorothy Moravek
P.O. Box 7 MS 29-3006-01
Fort Worth, Texas 76101-0007

Re: Notification of Sale or Transfer of Fee Lease Interest

The Division has received notification of a change of operator from Union Pacific Resources Co. to Citation Oil & Gas Corporation for the following well(s) which are located on a fee lease:

Well Name	Sec.-T.-R.	API Number
Bingham 1-43-3	03-02N-07E	43-043-30029
Judd 34-3	34-02N-06E	43-043-30098
Judd 34-1	34-02N-06E	43-043-30061
UPRR 3-1	03-02N-07E	43-043-30012
UPRR 3-2	03-02N-07E	43-043-30015
UPRR 3-6	03-02N-07E	43-043-30036
UPRR 3-9	03-02N-07E	43-043-30151
Bingham 2-1	02-02N-07E	43-043-30026
Bingham 2-1A	02-02N-07E	43-043-30125
Bingham 2-2	02-02N-07E	43-043-30028
Bingham 2-3	02-02N-07E	43-043-30033
Bingham 2-4	02-02N-07E	43-043-30038
Bingham 10-1	10-02N-07E	43-043-30025
Pineview 4-3	04-02N-07E	43-043-30077
Pineview 4-4S	04-02N-07E	43-043-30083
Blonquist 26-3	26-02N-06E	43-043-30235
Newton Sheep 1	18-02N-07E	43-043-30284
UPRR 1H 19-2X	19-02N-07E	43-043-30300
Judd 34-1H	34-02N-06E	43-043-30301
UPRR 3-10	03-02N-07E	43-043-30302
UPRR 17-2H	17-02N-07E	43-043-30304

Well Name	Sec.-T.-R.	API Number
UPRR 35-2H	35-02N-06E	43-043-30305
Newton Sheep 20-1H	20-02N-07E	43-043-30310
Judd 4-1H	04-01N-06E	43-043-30311
Blonquist 26-1H	26-02N-06E	43-043-30314
Bingham 2-6H	02-02N-07E	43-043-30317
UPR 3-11H	03-02N-07E	43-043-30318
Blonquist 26-4	26-02N-06E	43-043-30268
UPRC 33-1	33-02N-06E	43-043-30233
Clark 4-1	04-02N-07E	43-043-30071
UPRC 1	17-02N-07E	43-043-30290
B.A. Bingham & Sons 1	02-02N-07E	43-043-30295

Utah Administrative Rule R649-2-10 states; the owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred.

This letter is written to advise Union Pacific Resources Co. of its responsibility to notify all individuals with an interest in this lease (royalty interest and working interest) of the change of operator. Please provide written documentation of this notification to:

Utah Royalty Owners Association
Box 1292
Roosevelt, Utah 84066

Your assistance in this matter is appreciated.

Sincerely,

Kristen D. Risbeck

Kristen D. Risbeck

cc: Citation Oil & Gas Corporation
Utah Royalty Owners Association, Kent Stringham
John R. Baza, Associate Director
Operator File(s)

Citation
OIL & GAS CORP.

March 29, 1999

Kristen Risbeck
State of Utah
P O Box 145801
Salt Lake City, Utah 84114-5801

Re: Transfer of Authority to Inject

Dear Ms. Risbeck:

Enclosed please find an original and one copy of the form 5 to transfer the following wells into Citation Oil & Gas Corp.'s name.

UPRC 33-1 SWD	43-043-30233
Blonquist 26-4 SWD	43-043-30268
Clark 4-1 SWD	43-043-30071
Exxon UPRC #1 SWD	43-043-30290
B. A. Bingham & Sons Inc. #1	43-043-30295

If you have any questions regarding this form, please contact the undersigned at 281-469-9664. Thank you.

Sincerely,

Sharon Ward

Sharon Ward
Regulatory Administrator

Cc: Dorothy Moravek
UPRC

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APR - 2 1999
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: UPRC 33-1 SWD

Field or Unit name: Lodgepole API No. 43-043-30233

Well location: QQ SESE Section 33 Township 2N Range 6E County Summit

Effective Date of Transfer: January 1, 1999

CURRENT OPERATOR

Transfer approved by:

Name Dorothy Moravek Company Union Pacific Resources Company
Signature D Moravek Address P. O. Box 7, MS 29-3006-01
Title Regulatory Analyst Fort Worth, Texas 76101
Date March 23, 1999 Phone (817) 321-6739
Comments:

NEW OPERATOR

Transfer approved by:

Name Sharon Ward Company Citation Oil & Gas Corp.
Signature Sharon Ward Address P. O. Box 690688
Title Regulatory Administrator Houston, Texas 77269-0688
Date March 29, 1999 Phone (281) 469-9664
Comments:

(State use only)
Transfer approved by [signature] Title Tech. Services Manager
Approval Date 4-8-99

(3/89)

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Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

Routing:

1-KDR ✓	6-KAS ✓
2-CLH ✓	7-SJ
3-JRB ✓	8-FILE
4-CDW ✓	
5-KDR ✓	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, **effective:** 1-1-99

TO: (new operator) CITATION OIL & GAS CORP
(address) P.O. BOX 690688
HOUSTON, TX 77269-0688

RUTH ANN ALFORD
Phone: (281)469-9664
Account no. N0265

FROM: (old operator) UNION PACIFIC RESOURCES CO
(address) P.O. BOX 7 MS 29-3006-01
FORT WORTH, TX 76101-0007

DOROTHY MORAVEK
Phone: (817)321-6739
Account no. N9465

WELL(S) attach additional page if needed:

Name:	*SEE ATTACHED*	API: 43-043-30233	Entity:	S	T	R	Lease:	
Name:		API:	Entity:	S	T	R	Lease:	
Name:		API:	Entity:	S	T	R	Lease:	
Name:		API:	Entity:	S	T	R	Lease:	
Name:		API:	Entity:	S	T	R	Lease:	
Name:		API:	Entity:	S	T	R	Lease:	
Name:		API:	Entity:	S	T	R	Lease:	

OPERATOR CHANGE DOCUMENTATION

KDR 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 12-24-98)

KDR 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 12-24-98)

N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____.

N/A 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.

KDR 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (3-11-99)

KDR 6. **Cardex** file has been updated for each well listed above.

N/A 7. Well **file labels** have been updated for each well listed above. (#new filing system)

KDR 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (3-11-99)

KDR 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

OPERATOR CHANGE WORKSHEET (cont' d) - Initial each item when completed. Write N' f item is not applicable.

ENTITY REVIEW

KDR 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) NO If entity assignments were changed, attach copies of Form 6, Entity Action Form.

KDR 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

KDR 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond. (Rec'd 2.11.99 Bond # RSB-6705605)

KDR 2. A **copy of this form** has been placed in the new and former operator's bond files.

KDR 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) YES, as of today's date _____. If yes, division response was made to this request by letter dated 3.10.99.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

KDR 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 1.27.99 19 __, of their responsibility to notify all interest owners of this change.

FILMING

VS 1. All attachments to this form have been **microfilmed**. Today's date: 5.12.99.

FILING

__ 1. **Copies** of all attachments to this form have been filed in each **well file**.

__ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

August 28, 2002

Val Meadows
Citation Oil and Gas Corporation
3603 East Chalk Creek Road
Coalville UT 84017

Re: Pressure Test for Mechanical Integrity, UPRC 33-1 Well, Section 33, Township 2 North, Range 6 East, Summit County, Utah

Dear Val:

The Underground Injection Control Program, which the Division of Oil, Gas and Mining (DOGM) administers in Utah, requires that all Class, II injection wells demonstrate mechanical integrity. Rule R649-5-5.3 of the Oil and Gas Conservation General Rules requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least once in every five-year period beginning in October 1982. Please make arrangements and ready the well for testing during the week of September 23rd or September 30th as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to assist in opening valves etc.

2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.

3. If mechanical difficulties or workover operations make it impossible for the wells to be tested on this date the tests may be rescheduled.

4. Company personnel should meet DOGM representatives at the field office or other location as negotiated.

5. All bradenhead valves with exception of the tubing on the injection wells must be shut-in 24 hours prior to testing.

Please contact me at (801) 538-5296 to arrange a meeting time and place or negotiate a different date, if this one is unacceptable.

Sincerely,

Lisha Cordova

Lisha Cordova
Reclamation Specialist

er

INSPECTION FORM 6

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: WRC 33-1 API Number: 43-043-30233

Qtr/Qtr: SESE Section: 33 Township: 2N Range: 6E

Company Name: Citation Oil & Gas Corp.

Lease: State _____ Fee ✓ Federal _____ Indian _____

Inspector: L. Cordova / D. Jarvis Date: 10-29-2002

Initial Conditions:

Tubing - Rate: _____ Pressure: 0 psi

Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	0	0
5	1100	0
10	1100	0
15	1100	0
20		
25		
30		

Results: (Pass)/Fail

Conditions After Test:

Tubing Pressure: 0 psi

Casing/Tubing Annulus Pressure: 0 psi

COMMENTS: _____

Val Gladstone

Operator Representative

Citation
OIL & GAS CORP.

Fax Cover Sheet

DATE: 11-4-02

TO: Dan Jarvis **PHONE:** _____

FAX: 801-359-3940

FROM: John Long **PHONE:** 307-682-4853
Rocky Mountain Area Office **FAX:** 307-682-0186

Number of pages including cover sheet: 12

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NOV 04 2002
DIVISION OF
OIL, GAS AND MINING

Message:

Dan,

Enclosed is the Nara-seal squeeze information for the Clark 4-1 and Conoco (UPRR) 33-1 wells. I don't have any data for the Blonquist 26-4 well right now, but I'm having the field check their records, and hopefully, I'll be able to send you that information tomorrow.

1016 East Lincoln • Gillette, WY 82716 • 307-682-4853

Union Pacific Resources

Day # 1 — 24-Mar-97

Daily Completion and Workover Report

Proposed Work: Acid Treatment to Lower Injection Pressure

PC: Land Grant — Team: Overthrust

Lse: UPRR 33-1 — Field: Loagepole

Rig: Dowell/Schlum — Supervisor: Talbott / Smith

Casing & Tubing

OD	WT	Grade	Remarks
9 5/8"	47#		10525'
5.5"	18#	LS-140	10181-13028'

Packer Detail

MD	Type		Remarks
Baker	R-3	5.5" 18#	Double grip set @12,025'
			Nickel coat on packer

Operations

From	To	
00:00		MIRU Schlumberger / Dowell
		Pump 250 gals. xylene
		Pump 1000 gals. 15% HCL Acid
		Displace with 80 BBLs Production water
		Pump rate was 1.5 BBL per min. @ 1100 PSI
		Pump rate was 2.1 BBL per min. @ 1980 PSI
		During flush pressure dropped 400 PSI
		Pump rate was 3.4 BBL per min. @ 1950 PSI
		RDMO Schlumberger / Dowell
		NOTE: Put well on injection

BHA

Qty	Description	Length
	KB	25.00
317	Jts L-80 tbg cement/c	9811.00
1	2 7/8" - 2 3/8" crossover	1.09
71	Jts 2 3/8" N80 8 Rd	2180.87
1	Baker 5" 18# Packer	7.21
	Total BHA	12025.17

Costs

Qty	Description	Cost
	Rig	$0
	BOP	$0
	Dowell/Schlumberger	$3,088
	Thread Masters	$0
	Flare	$0
	Trucking -	$0
	Baker Packer	$0
	Dalbo	$300
	Tri-State	$0
	Supervisor	$300
	Contingency 5%	$169
	Total Daily Cost	$3,857
	Cumulative Cost to Date	$3,857

Union Pacific Resources

Day # 1 — 16-Apr-97

Daily Completion and Workover Report

Proposed Work: Mara - Seal CSG Repair
PC: Land Grant — Team: Overthrust
Lse: UPRR 33-1 — Field: Pineview
Rig: Schlumberger — Supervisor: Smith

Casing & Tubing

OD	WT	Grade	Remarks
9 5/8"	47#		10525'
5"	18#		10181-13028'

Packer Detail

MD	Type		Remarks
Baker	R-3	5" 18#	Double grip set @12,034'
			Nickel coat on packer

Operations

From	To	
00:00		MIRU Schlumberger / Dowell
		Mix Mara-Seal with warm water
		Pressure Test lines and Equipment
		Pump 200 BBL of Cold water to cool well
		Pumping 3BBL per min @ 3650 PSI
		Shut down to repair wellhead leak
		Pump 300 BBL's of Mara-Seal
		Pumping 3 BBL per min @ 3650
		Displace with 575 BBL's Treated water
		Pumping 3.3BBL per min @ 4250 PSI
		NOTE: Initial SIP was 4150 PSI
		5 min. SIP was 3350 PSI
		10 min. SIP was 3180 PSI

BHA

Qty	Description	Length
	KB	25.00
317	Jts L-80 tbg cement/c	9792.40
1	2 7/8" x 2 3/8" crossover	1.09
71	Jts 2 3/8" N80 8 Rd	2209.26
1	Baker 5" 18# Packer	7.21
	Total BHA	12034.96

Costs

Qty	Description	Cost
	Rig	$0
	BOP	$0
	Schlumberger	$47,650
	Thread Masters	$0
	Reese's	$450
	Trucking -	$0
	HotCo	$854
	Dalbo	$2,891
	Champion Chemical	$950
	Supervision	$500
	Contingency 5%	$2,665
	Total Daily Cost	$55,960
	Cumulative Cost to Date	$55,960

Union Pacific Resources

Day # 2 — 23-Apr-97

Daily Completion and Workover Report

Proposed Work: Mechanical Integrity Test
PC: Land Grant
Lse: UPRR 33-1
Rig:
Team: Overthrust
Field: Pineview
Supervisor: Smith

Casing & Tubing

OD	WT	Grade	Remarks
9 5/8"	47#		10525'
5"	18#		10181-13028'

Packer Detail

MD	Type	Remarks
Baker R-3	5" 18#	Double grip set @12,034'
		Nickel coat on packer

Operations

From	To	
00:00		MIRU Hot-Co
		0-PSI on annulus 0- PSI on tbg
		Pressure up to 1000 PSI on the annulus
		Held for 30 min.
		Bleed off pressure!
		Jim Thompson with the State of Utah was the witness!
		NOTE:

BHA

Qty	Description	Length
	KB	25.00
317	Jts L-80 tbg cemented	9792.40
1	2 7/8" - 2 3/8" crossover	1.09
71	Jts 2 3/8" N80 8 Rd	2209.26
1	Baker 5" 18# Packer	7.21
	Total BHA	12034.96

Costs

Qty	Description	Cost
	Rig	$0
	BOP	$0
	Schlumberger	$0
	Thread Masters	$0
	Reese's	$0
	Trucking -	$0
	HotCo	$150
	Dalbo	$120
	Champion Chemical	$0
	Supervision	$250
	Contingency 5%	$50
	Total Daily Cost	$570
	Cumulative Cost to Date	$56,630

Union Pacific Resources

Day # 1 — 10-Apr-97

Daily Completion and Workover Report

Proposed Work: Mara - Seal CSG Repair

PC: Land Grant
Lse: UPRR 33-1
Rig: Schlumberger

Team: Overthrust
Field: Pineview
Supervisor: Smith

Casing & Tubing

OD	WT	Grade	Remarks
9 5/8"	47#		10525'
5"	18#		10181-13028'

Packer Detail

MD	Type		Remarks
Baker	R-3	5" 18#	Double grip set @12,034'
			Nickel coat on packer

Operations

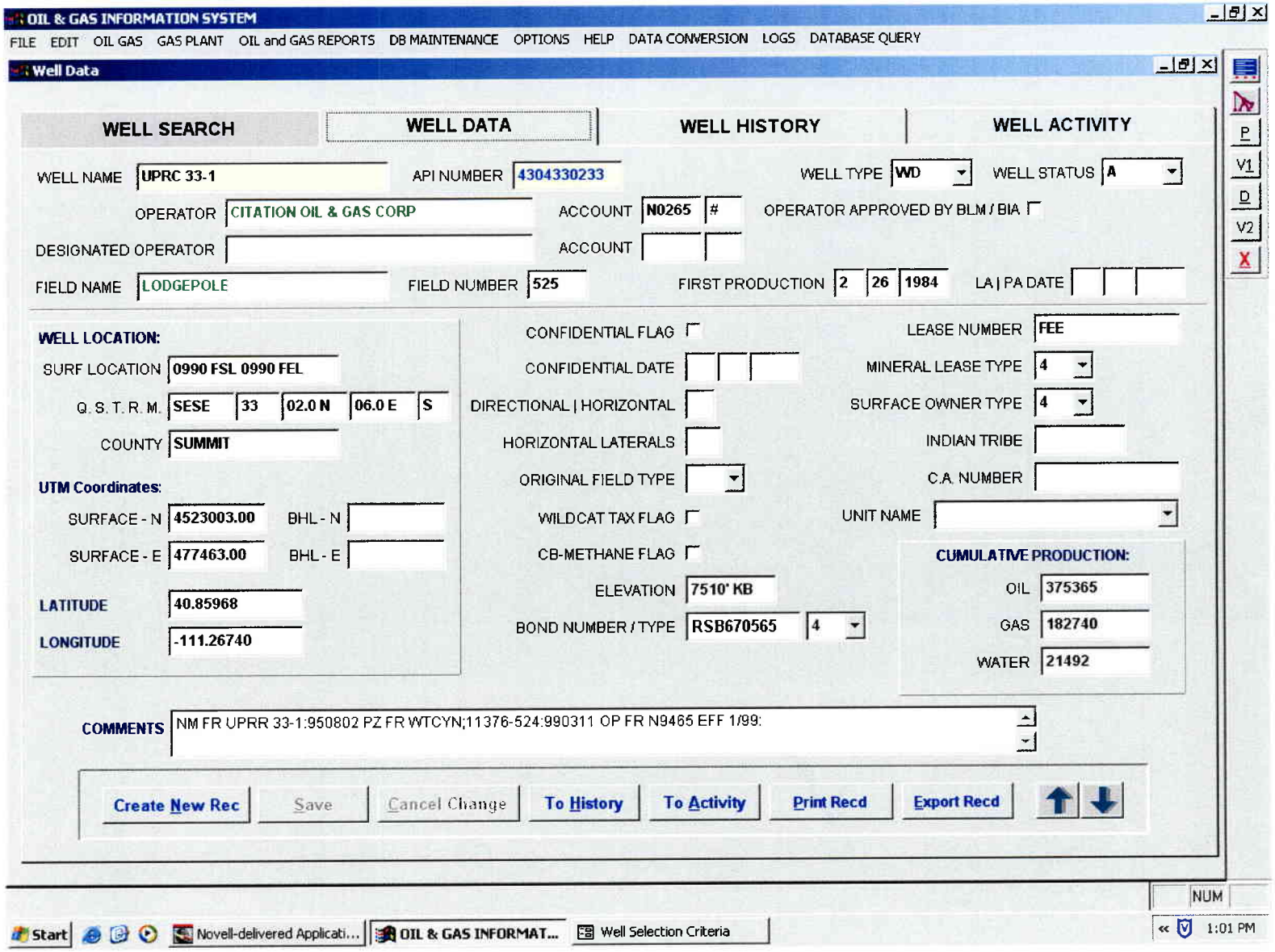
From	To	
00:00		MIRU Schlumberger / Dowell
		Mix Mara-Seal with warm water
		Pressure Test lines and Equipment
		Pump 200 BBL of Cold water to cool well
		Pumping 3BBL per min @ 3650 PSI
		Shut down to repair wellhead leak
		Pump 300 BBL's of Mara-Seal
		Pumping 3 BBL per min @ 3650
		Displace with 575 BBL's Treated water
		Pumping 3.3BBL per min @ 4250 PSI
	NOTE:	Initial SIP was 4150 PSI
		5 min. SIP was 3350 PSI
		10 min. SIP was 3180 PSI

BHA

Qty	Description	Length
	KB	25.00
317	Jts L-80 tbg cement/c	9792.40
1	2 7/8" - 2 3/8" crossover	1.09
71	Jts 2 3/8" N80 8 Rd	2209.26
1	Baker 5" 18# Packer	7.21
	Total BHA	12034.96

Costs

Qty	Description	Cost
	Rig	$0
	BOP	$0
	Schlumberger	$47,650
	Thread Masters	$0
	Reese's	$450
	Trucking -	$0
	HotCo	$854
	Dalbo	$2,891
	Champion Chemical	$950
	Supervision	$500
	Contingency 5%	$2,665
	Total Daily Cost	$55,960
	Cumulative Cost to Date	$55,960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WELL SEARCH
WELL DATA
WELL HISTORY
WELL ACTIVITY
WELL NAME UPRC 33-1
API NUMBER 4304330233
WELL TYPE WD
WELL STATUS A
OPERATOR CITATION OIL & GAS CORP
ACCOUNT N0265 #
OPERATOR APPROVED BY BLM / BIA
DESIGNATED OPERATOR
ACCOUNT
FIELD NAME LODGEPOLE
FIELD NUMBER 525
FIRST PRODUCTION 2 26 1984
LA | PA DATE
WELL LOCATION:
SURF LOCATION 0990 FSL 0990 FEL
Q. S. T. R. M. SESE 33 02.0 N 06.0 E S
COUNTY SUMMIT
UTM Coordinates:
SURFACE - N 4523003.00
BHL - N
SURFACE - E 477463.00
BHL - E
LATITUDE 40.85968
LONGITUDE -111.26740
CONFIDENTIAL FLAG
CONFIDENTIAL DATE
DIRECTIONAL | HORIZONTAL
HORIZONTAL LATERALS
ORIGINAL FIELD TYPE
WILDCAT TAX FLAG
CB-METHANE FLAG
ELEVATION 7510' KB
BOND NUMBER / TYPE RSB670565 4
LEASE NUMBER FEE
MINERAL LEASE TYPE 4
SURFACE OWNER TYPE 4
INDIAN TRIBE
C.A. NUMBER
UNIT NAME
CUMULATIVE PRODUCTION:
OIL 375365
GAS 182740
WATER 21492
COMMENTS NM FR UPRR 33-1:950802 PZ FR WTCYN;11376-524:990311 OP FR N9465 EFF 1/99:
Create New Rec
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Well Selection Criteria
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INSPECTION FORM 6

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: UPRC 33-1 (WDW2) API Number: 43-043-30233

Qtr/Qtr: SESE Section: 33 Township: 2N Range: 6E

Company Name: Citation Oil & Gas Corp. (N0265)

Lease: State _____ Fee ✓ Federal _____ Indian _____

Inspector: Lisle Cordova Date: 10/25/07

HR Turner Trucking Inc.

Initial Conditions:

Tubing - Rate: Ø Pressure: Ø psi

Casing/Tubing Annulus - Pressure: Ø psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	1000	Ø
5	1000	Ø
10	1000	Ø
15	1000	Ø
20		
25		
30		

Results: (Pass)/Fail

Conditions After Test:

Tubing Pressure: Ø psi

Casing/Tubing Annulus Pressure: Ø psi

COMMENTS: _____

Operator Representative

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

August 7, 2012

Terry Courter
Citation Oil & Gas Corporation
P. O. Box 690688
Houston, Texas 77269-0688

Subject: Pressure Test for Mechanical Integrity, UPRC 33-1, SESE Section 33, Township 2 North, Range 6 East, API No. 43-043-30233, Summit County, Utah

Dear Mr. Courter:

The Underground Injection Control Program, which the Division of Oil, Gas, and Mining (DOGM) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. Rule R649-5-5.3 of the Oil and Gas Conservation General rules requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five-year period beginning October 1982. Please make arrangements and ready the UPRC 33-1 well for testing during the week of August 21-24, 2012, as outlined below:

1. Operator must furnish connections, accurate pressure gauges, hot oil truck (or other means of pressuring annulus), along with personnel to assist in opening valves, etc.

2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, and the well will be required to hold pressure for a minimum of 15 minutes.

3. If mechanical difficulties or workover operations make it impossible for the well to be tested at this time the test may be rescheduled.

4. Company personnel should meet a DOGM representative(s) at the field office or other location as negotiated.

5. All bradenhead valves with the exception of the tubing on the injection well must be shut-in 24 hours prior to testing.

Please contact Lisha Cordova at (801) 538-5296 to arrange a meeting time and place or to negotiate a different date, if the date(s) specified is unacceptable.

Sincerely,

Dan Jarvis
Operations Manager

DJJ/lc/js
cc: Lisha Cordova, Petroleum Specialist
Val Meadows, Citation O&G Corp., 3603 E. Chalk Creek Rd, Coalville UT 84017
Well File

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

INSPECTION FORM 6

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: UPRC 33-1 API Number: 43-043-30233
Qtr/Qtr: SESE Section: 33 Township: 2N Range: 6E
Company Name: Citation Oil & Gas Corp.

Lease: State ____ Fee ✓ Federal ____ Indian ____
Inspector: Lisha Cordova Date: 8/29/12
Tu And Frum Water Sys.

Initial Conditions: static

Tubing - Rate: Inj. 8-10 days per mo. Pressure: 0 psi

Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)		Annulus Pressure	Tubing Pressure
0	11:15	1000	0
5	11:20	1000	0
10	11:25	1000	0
15	11:30	1000	0
20			
25			
30			

Results: (Pass)/Fail

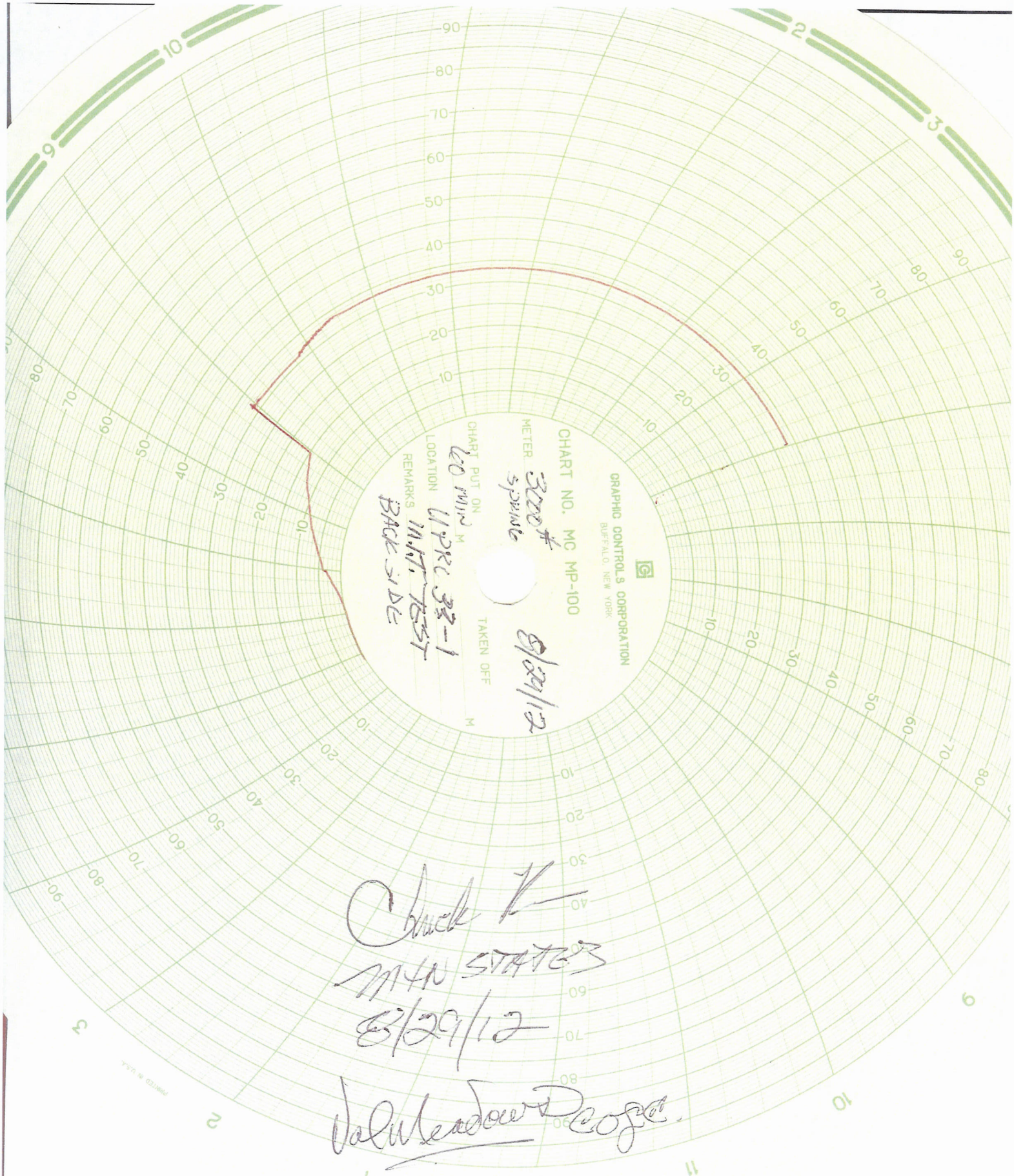
Conditions After Test:

Tubing Pressure: 0 psi

Casing/Tubing Annulus Pressure: 0 psi

COMMENTS: Pressured up well w/ 109 gallons water.

Operator Representative


GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
CHART NO. MC MP-100
METER
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