

AMERICAN QUASAR PETROLEUM CO.

330 PACIFIC WESTERN LIFE BUILDING / CASPER / WYOMING 82601 U.S.A. / TELEPHONE (307) 265-3362

OUR NEW ADDRESS:

204 SUPERIOR BLDG.
201 NO. WOLCOTT

January 29, 1979

Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Cleon B. Feight, Director

Re: Bingham #10-3
SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 10-2N-7E
Summit County, Utah

Gentlemen:

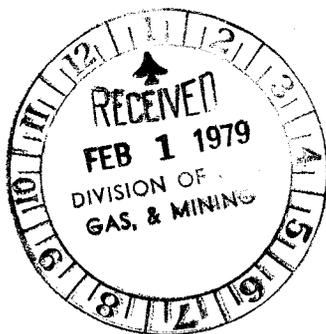
Attached is the Application for Permit to Drill
with surveyor's plat for the captioned well.

If any additional information is needed, please
contact me.

Very truly yours,

Kary J. Kaltenbacher
Division Drilling Engineer

bh
Enc's



NW ME
NW NW
SE NW

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

SUBMIT IN DUPLICATE*
(Other instructions on reverse side)

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Bingham

9. Well No.

10-3

10. Field and Pool, or Wildcat

Pineview

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

10-2N-7E

12. County ~~X~~ ~~X~~ ~~X~~ ~~X~~ 13. State

Summit Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

American Quasar Petroleum Co.

3. Address of Operator

204 Superior Bldg., Casper, Wyoming 82601

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface

1895.1' FWL & 2041.5' FNL

At proposed prod. zone

Same

see NW

14. Distance in miles and direction from nearest town or post office*

6 miles east-southeast of Upton, Utah

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

630'

16. No. of acres in lease

2559.12

17. No. of acres assigned to this well

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

1852'

19. Proposed depth

10,160'

20. Rotary or cable tools

Rotary

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

6905' GR

22. Approx. date work will start*

2/15/79

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
1 7/8"	13-3/8"	48#	60'	60 sx (to surface)
1 1/2"	9-5/8"	40#	2,000'	1000 sx (to surface)
8-3/4"	5 1/2"	17&20#	10,160'	1000 sx

Proposed operations:

Drill 1 1/4" hole to 2,000'⁺, using native mud.

Run and cement 9-5/8" surface casing.

Nipple up 10" 5000 psi wp doublegate hydraulic BOP & Hydril. Pressure-test stack.

Drill 8-3/4" hole to total depth with low solids non-disp.

Run BHC Sonic-GR-Cal, DIL, CNL-FDC Logs.

Run production casing if required.

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.

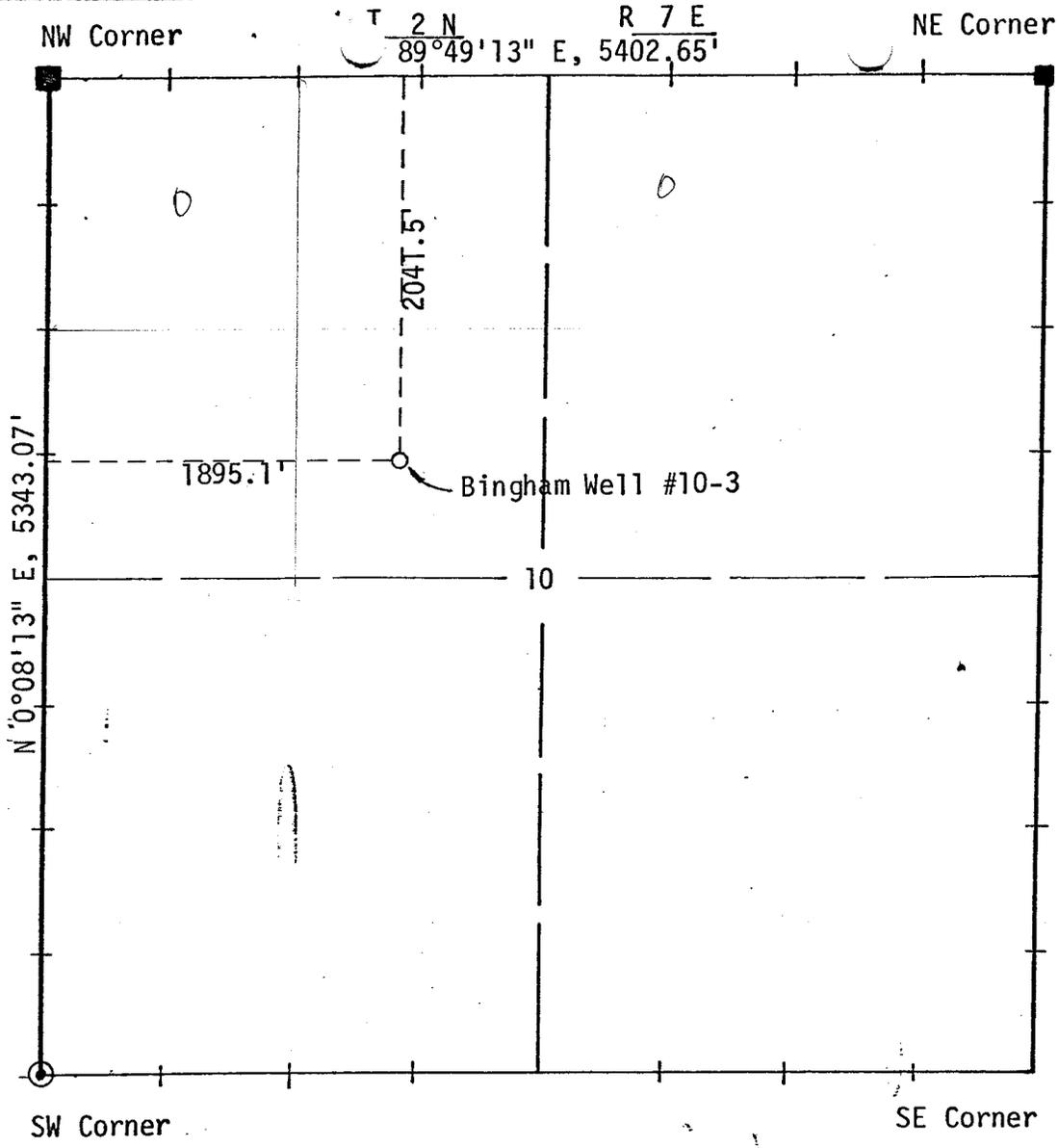
Signed Kary J. Kattenbacher Title Division Drlg. Engineer Date 1/29/79

(This space for Federal or State office use)

Permit No. 43-043-30097 Approval Date

Approved by Title Date

Conditions of approval, if any:



SCALE: 1" = 1000'

- Found Brass Cap
- Found Stone
- ⊙ Set Brass Cap
- ⊙ Found Stone - Set Brass Cap
- Hub and Tack

I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Kary Kaltenbacher of Casper, Wyoming for American Quasar Petroleum I made a survey on the 23rd day of January, 19 79 for Location and Elevation of the Bingham Well #10-3 as shown on the above map, the wellsite is in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 10, Township 2 North, Range 7 East of the Salt Lake Base Meridian, SUMmit County, State of Utah, Elevation is 6905 Feet top of hub Datum U.S.G.S. Quadrangle - Upton, Utah Spot Elev. 7193 NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 15, T2N, R7E

Reference point	North 250'	Elev. top of pin	6894.4'
Reference point	East 275'	"	6885.8'
Reference point	South 300'	"	6916.9'
Reference point	West 300'	"	6898.4'

John A. Proffit 1/26/79
 JOHN A. PROFFIT UTAH R.L.S. NO. 2860

DATE: 1-24-79
 JOB NO.: 79-14-4

UINTA ENGINEERING & SURVEYING, INC.
 808 MAIN STREET, EVANSTON, WYOMING

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR American Quasar Petroleum Co. DATE October 31, 1978 LAB NO. 29162
 WELL NO. 4-45 LOCATION Sec. 4-2N-7E
 FIELD Pineview FORMATION FRONTIER
 COUNTY Summit INTERVAL _____
 STATE Utah SAMPLE FROM DST #3 (Sampler)

REMARKS & CONCLUSIONS:

Mud, low water loss.

RECEIVED
NOV - 8 1978

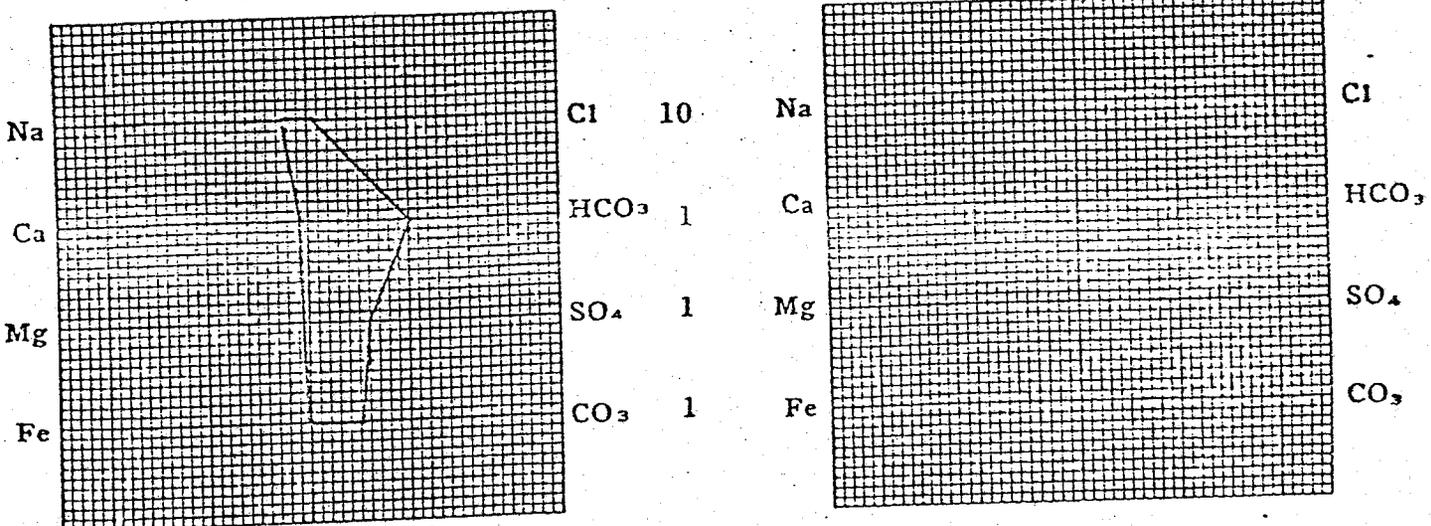
Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	578	25.14	Sulfate	275	5.72
Potassium	10	0.26	Chloride	190	5.36
Lithium			Carbonate	144	4.80
Calcium	12	0.60	Bicarbonate	622	10.20
Magnesium	1	0.08	Hydroxide		
Iron			Hydrogen sulfide		
Total Cations		26.08	Total Anions		26.08

Total dissolved solids, mg/l - - - - - 1516
 NaCl equivalent, mg/l - - - - - 1278
 Observed pH - - - - - 9.1

Specific resistance @ 68°F.:
 Observed - - - - - 4.60 ohm-meters
 Calculated - - - - - 4.70 ohm-meters

WATER ANALYSIS PATTERN

Sample above described Scale MEQ per Unit



(Na value in above graphs includes Na, K, and Li)
 NOTE: Mg/l = Milligrams per liter Meq/l = Milligram equivalents per liter
 Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

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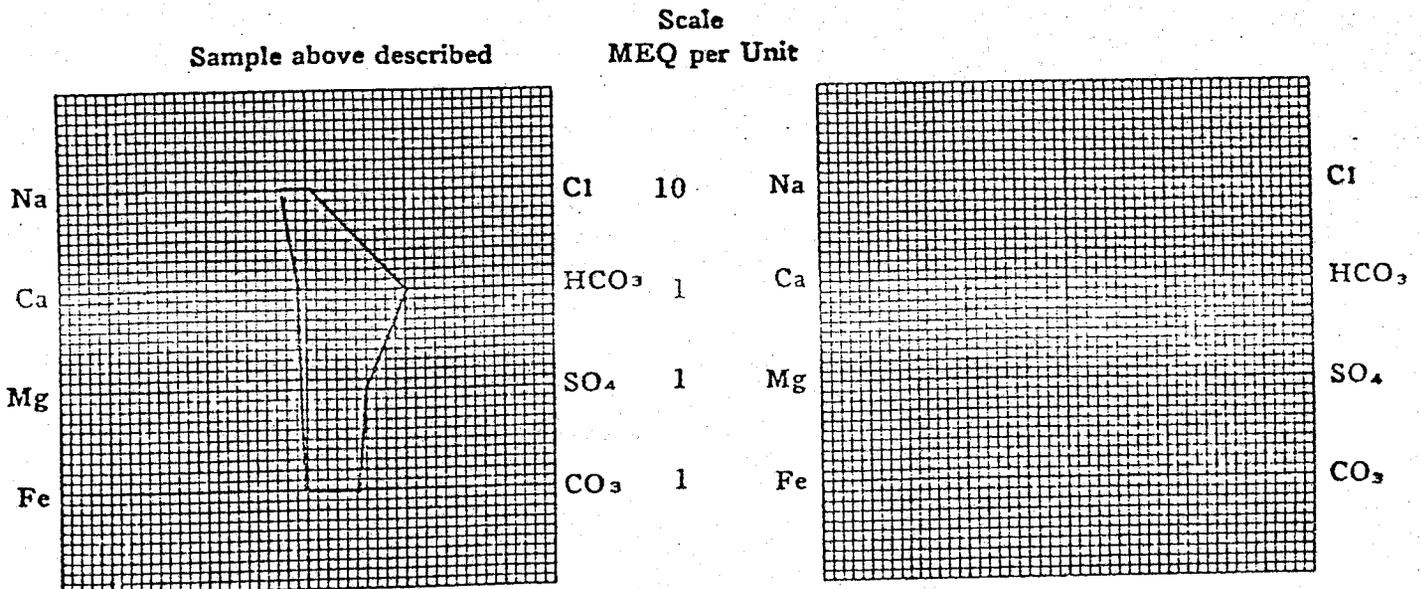
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Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	578	25.14	Sulfate	275	5.72
Potassium	10	0.26	Chloride	190	5.36
Lithium			Carbonate	144	4.80
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Total Cations		26.08	Total Anions		26.08

Total dissolved solids, mg/l	1516	Specific resistance @ 68°F.:	
NaCl equivalent, mg/l	1278	Observed	4.60 ohm-meters
Observed pH	9.1	Calculated	4.70 ohm-meters

WATER ANALYSIS PATTERN



(Na value in above graphs includes Na, K, and Li)
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CHEMICAL & GEOLOGICAL LABORATORIES

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Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR <u>American Quasar Petroleum Co.</u>	DATE <u>September 29, 1978</u> LAB NO. <u>28805-3</u>
WELL NO <u>UPRR 3-4</u>	LOCATION _____
FIELD <u>Pineview</u>	FORMATION <u>Nugget</u>
COUNTY <u>Summit</u>	INTERVAL _____
STATE <u>Utah</u>	SAMPLE FROM <u>Treater {9-14-78}</u>

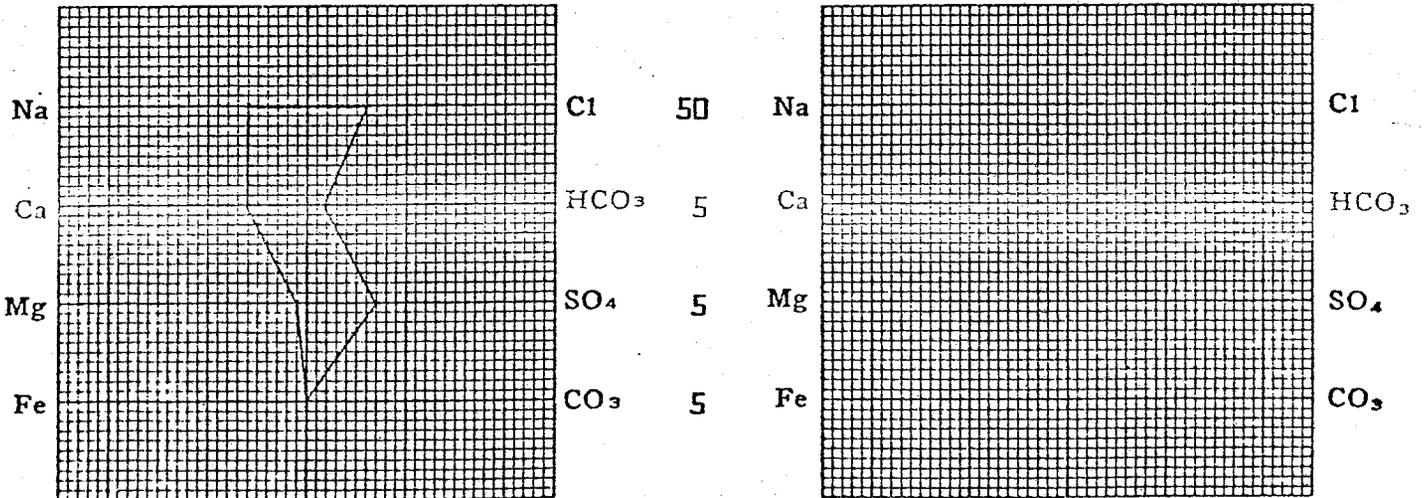
REMARKS & CONCLUSIONS: _____

<u>Cations</u>	<u>mg/l</u>	<u>meq/l</u>	<u>Anions</u>	<u>mg/l</u>	<u>meq/l</u>
Sodium - - - - -	7740	336.71	Sulfate - - - - -	1850	38.48
Potassium - - - - -	465	11.90	Chloride - - - - -	12100	341.22
Lithium - - - - -	-	-	Carbonate - - - - -	-	-
Calcium - - - - -	690	34.43	Bicarbonate - - - - -	610	10.00
Magnesium - - - - -	81	6.66	Hydroxide - - - - -	-	-
Iron - - - - -	-	-	Hydrogen sulfide - - - - -	-	-
Total Cations - - - - -	389.70	-	Total Anions - - - - -	389.70	-

Total dissolved solids, mg/l - - - - -	23226	Specific resistance @ 68°F.:
NaCl equivalent, mg/l - - - - -	22212	Observed - - - - -
Observed pH - - - - -	7.2	0.33
		ohm-meters
		Calculated - - - - -
		0.30
		ohm-meters

WATER ANALYSIS PATTERN

Scale
Sample above described MEQ per Unit



(Na value in above graphs includes Na, K, and Li)
NOTE: Mg/l=Milligrams per liter Meq/l= Milligram equivalents per liter
Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components

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WATER ANALYSIS REPORT

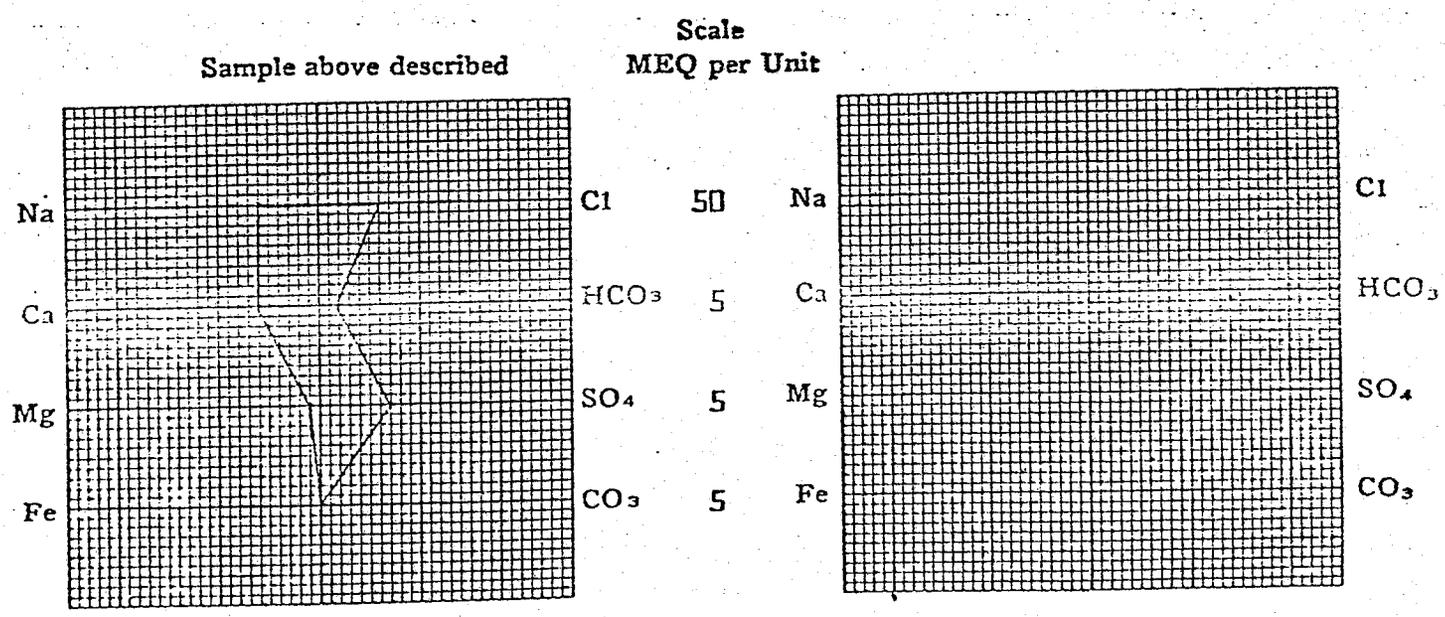
OPERATOR <u>American Quasar Petroleum Co.</u>	DATE <u>September 29, 1978</u> LAB NO. <u>28805-3</u>
WELL NO <u>UPRR 3-4</u>	LOCATION _____
FIELD <u>Pineview</u>	FORMATION <u>Nugget</u>
COUNTY <u>Summit</u>	INTERVAL _____
STATE <u>Utah</u>	SAMPLE FROM <u>Treater {9-14-78}</u>

REMARKS & CONCLUSIONS: _____

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium - - - - -	7740	336.71	Sulfate - - - - -	1850	38.48
Potassium - - - - -	465	11.90	Chloride - - - - -	12100	341.22
Lithium - - - - -	-	-	Carbonate - - - - -	-	-
Calcium - - - - -	690	34.43	Bicarbonate - - - - -	610	10.00
Magnesium - - - - -	81	6.66	Hydroxide - - - - -	-	-
Iron - - - - -	-	-	Hydrogen sulfide - - - - -	-	-
Total Cations - - - - -		389.70	Total Anions - - - - -		389.70

Total dissolved solids, mg/l - - - - -	23226	Specific resistance @ 68°F.:		
NaCl equivalent, mg/l - - - - -	22212	Observed - - - - -	0.33	ohm-meters
Observed pH - - - - -	7.2	Calculated - - - - -	0.30	ohm-meters

WATER ANALYSIS PATTERN



(Na value in above graphs includes Na, K, and Li)
NOTE: Mg/l=Milligrams per liter Meq/l= Milligram equivalents per liter
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CHEMICAL & GEOLOGICAL LABORATORIES

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Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR <u>American Quasar Petroleum Co.</u>	DATE <u>September 29, 1978</u> LAB NO. <u>28805-9</u>
WELL NO. <u>10-1 Bingham</u>	LOCATION _____
FIELD <u>Pineview</u>	FORMATION <u>Twin Creek</u>
COUNTY <u>Summit</u>	INTERVAL _____
STATE <u>Utah</u>	SAMPLE FROM <u>Treater {9-14-78}</u>

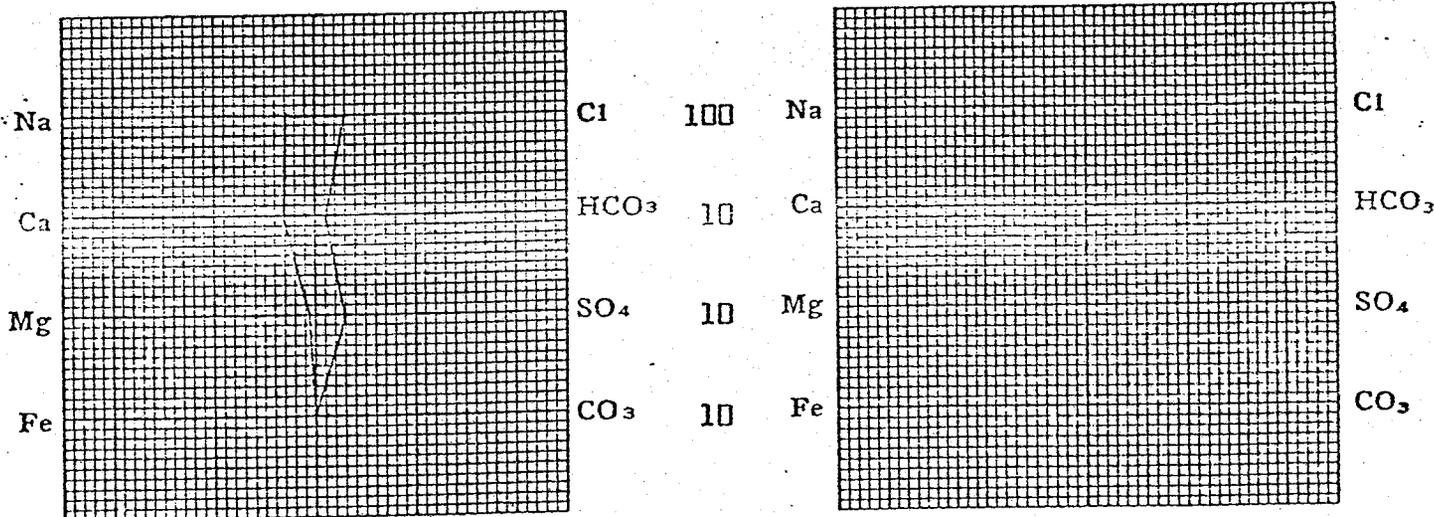
REMARKS & CONCLUSIONS: _____

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium - - - - -	8612	374.64	Sulfate - - - - -	1650	34.32
Potassium - - - - -	490	12.54	Chloride - - - - -	13400	377.88
Lithium - - - - -	-	-	Carbonate - - - - -	-	-
Calcium - - - - -	567	28.29	Bicarbonate - - - - -	671	11.00
Magnesium - - - - -	94	7.73	Hydroxide - - - - -	-	-
Iron - - - - -	-	-	Hydrogen sulfide - - - - -	-	-
Total Cations - - - - -	423.20		Total Anions - - - - -	423.20	

Total dissolved solids, mg/l - - - - -	25143	Specific resistance @ 68°F.: - - - - -	
NaCl equivalent, mg/l - - - - -	24235	Observed - - - - -	0.35 ohm-meters
Observed pH - - - - -	7.2	Calculated - - - - -	0.28 ohm-meters

WATER ANALYSIS PATTERN

Scale
 Sample above described MEQ per Unit



(Na value in above graphs includes Na, K, and Li)
 NOTE: Mg/l=Milligrams per liter Meq/l= Milligram equivalents per liter
 Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components

CHEMICAL & GEOLOGICAL LABORATORIES

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Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR <u>American Quasar Petroleum Co.</u>	DATE <u>September 29, 1978</u> LAB NO. <u>28805-9</u>
WELL NO. <u>10-1 Bingham</u>	LOCATION _____
FIELD <u>Pineview</u>	FORMATION <u>Twin Creek</u>
COUNTY <u>Summit</u>	INTERVAL _____
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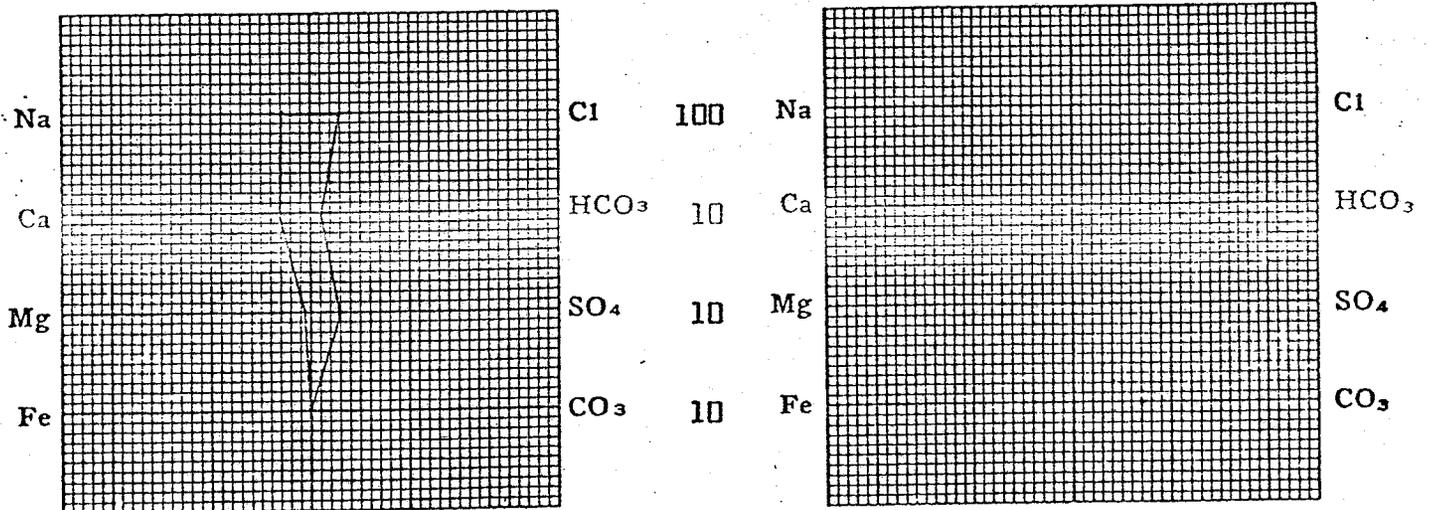
REMARKS & CONCLUSIONS: _____

<u>Cations</u>	<u>mg/l</u>	<u>meq/l</u>	<u>Anions</u>	<u>mg/l</u>	<u>meq/l</u>
Sodium - - - - -	<u>8612</u>	<u>374.64</u>	Sulfate - - - - -	<u>1650</u>	<u>34.32</u>
Potassium - - - - -	<u>490</u>	<u>12.54</u>	Chloride - - - - -	<u>13400</u>	<u>377.88</u>
Lithium - - - - -	-	-	Carbonate - - - - -	-	-
Calcium - - - - -	<u>567</u>	<u>28.29</u>	Bicarbonate - - - - -	<u>671</u>	<u>11.00</u>
Magnesium - - - - -	<u>44</u>	<u>7.73</u>	Hydroxide - - - - -	-	-
Iron - - - - -	-	-	Hydrogen sulfide - - - - -	-	-
Total Cations - - - - -	-	<u>423.20</u>	Total Anions - - - - -	-	<u>423.20</u>

Total dissolved solids, mg/l - - - - -	<u>25143</u>	Specific resistance @ 68°F.:
NaCl equivalent, mg/l - - - - -	<u>24235</u>	Observed - - - - -
Observed pH - - - - -	<u>7.2</u>	<u>0.35</u> ohm-meters
		Calculated - - - - -
		<u>0.28</u> ohm-meters

WATER ANALYSIS PATTERN

Scale
Sample above described MEQ per Unit



(Na value in above graphs includes Na, K, and Li)
 NOTE: Mg/l=Milligrams per liter Meq/l= Milligram equivalents per liter
 Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components

LESSEES OF RECORD
LOCATED WITHIN ONE-HALF MILE
OF BINGHAM 10-3

American Quasar Petroleum Co.	707 United Bank Tower 1700 Broadway Denver, Colorado 80290
Amoco Production Company	Security Life Building Denver, Colorado 80290
Energetics, Inc.	102 Inverness Terrace East Englewood, Colorado 80112
Sun Production Company	P.O. Box 2880 Dallas, Texas 75221
Champlin Petroleum Corp.	P.O. Box 1257 Englewood, Colorado 80110
North Central Oil	P.O. Box 27491 Houston, Texas 77027

FILE IN QUADRUPPLICATE
FORM OGC-8-X

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Bingham 10-3
Operator: American Quasar Pet. Co. Address: Denver, Colo.
Contractor: Parker Drilg. Co. Address: Casper, Wyo.
Location SE 1/4 NW 1/4; Sec. 10 T. 2 N, R. 7 E; Summit County.

Water Sands: None

<u>Depth:</u>		<u>Volume:</u>	<u>Quality:</u>
From-	To-	Flow Rate or Head	Fresh or Salty
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

(Continue on Reverse Side if Necessary)

Formation Tops: Kelvin 2474
Stump 5920
Preuss 6576
Remarks: Twin Creek 8968
TD 10200.

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

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: Feb. 2, 1979

Operator: American Gas

Well No: Brigham 10-3

Location: Sec. 10 T. 24 R. 7E County: Sauvage

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number: 43-043-30097

CHECKED BY:

Administrative Assistant: [Signature]

Remarks: OK - fits Order

Petroleum Engineer: M.C.M. 2-13-79

Remarks:

Director: [Signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 160-6

Surface Casing Change to

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

O.K. Rule C-3

O.K. In _____ Unit

Other:

Letter Written/Approved



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771
February 20, 1979

I. DANIEL STEWART
Chairman

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

CLEON B. FEIGHT
Director

American Quasar Petroleum Company
204 Superior Building
201 No. Wolcott-
Casper, Wyoming 82601

Re: Well No. Bingham 10-3
Sec. 10, T. 2 N, R. 7 E,
Summit- County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 160-6.

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

MICHAEL T. MINDER - Geological Engineer
HOME: 876-3001
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

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 43-043-30097.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

VISCO WATER ANALYSIS WORK SHEET

COMPANY AMERICAN QUAZAR LOCATION Pineview Date 3/21/79
 TIME 11:00 AM LEASE NEWTON SHEEP #1 WATER SOURCE TREATOR

TOTAL DISSOLVED SOLIDS:

CATIONS	Column 1 mg/l as compound	Column 2 mg/l as ions	Column 3 meq/l
A. Sodium		<u>3911.75</u> as Na ⁺ = 23.0 X	<u>170.07</u> A.
B. Total hardness, as CaCO ₃ =	<u>2220</u>		
C. Calcium, as CaCO ₃ =	<u>110</u> X 0.400 =	<u>44</u> as Ca ⁺⁺ X 0.050 =	<u>2.2</u> C.
D. Magnesium, as CaCO ₃ =	<u>2120</u> X 0.243 =	<u>512.73</u> as Mg ⁺⁺ X 0.0823 =	<u>42.19</u> D.
E. Barium, as BaSO ₄ =	<u>9</u> X 0.589 =	<u>5.30</u> as Ba ⁺⁺ X 0.0146 =	<u>.07</u> E.
		Subtotal	<u>44.47</u>
F. Total Cations =		<u>4473.78</u>	<u>214.54</u> F.
ANIONS			
G. Chloride, as NaCl =	<u>11,200</u> X 0.607 =	<u>6798.4</u> as Cl ⁻ X 0.0282 =	<u>191.71</u> G.
H. Sulfate, as Na ₂ SO ₄ =	<u>770</u> X 0.676 =	<u>520.52</u> as SO ₄ ⁼ X 0.0208 =	<u>10.82</u> H.
I. Carbonate, as CaCO ₃ =	<u>0</u> X 0.600 =	<u>0</u> as CO ₃ ⁼ X 0.0333 =	<u>0</u> I.
J. Bicarbonate, as CaCO ₃ =	<u>600</u> X 1.220 =	<u>732</u> as HCO ₃ ⁼ X 0.0164 =	<u>12.00</u> J.
K. Total Anions =		<u>8050.92</u>	<u>214.54</u> K.
L. Total Dissolved Solids		<u>12524.7</u>	L.
M. Total Iron, as Fe	<u>1.8</u>	<u>1.8</u>	
N. Acidity to Phen., as CaCO ₃ <u>not Perm</u> X 0.440 =			

OTHER PROPERTIES:

P. Sulfide, as H ₂ S _____	S. Turbidity <u>23 JTU</u>
Q. Oxygen, as O ₂ _____	T. Temperature, °F _____
R. pH <u>7.7</u>	V. Spec. Grav. _____

COMMENTS: FORMATION - STUMP
Aerobic and Anaerobic bacteria run on Sample

DISTRICT/AREA: 15 / Evanston, Wyo ANALYST: Kent Harward

DIRECTIONS:

Step 1: Complete tests in Column 1, and "Other Properties".

Step 2: Complete the multiplication steps for Columns 2 and 3, except Line A.

Step 3: In Column 3, add C, D, E to get subtotal. In Column 3, add G, H, I and J and enter total in 3K.

Step 4: Subtract subtotal from 3K and enter difference in 3A. In Column 3, add 3A to subtotal and enter in 3F.

Step 5: Multiply 3A by 23.0 and enter in 2A.

Step 6: Add Column 2 Cations to get Total in 2F. Add Anions to get Total in 2K. Add 2F and 2K to get 2L.

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Drilling</u>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR American Quasar Petroleum Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 204 Superior Bldg., Casper, Wyo. 82601		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE 1/4 NW 1/4		8. FARM OR LEASE NAME Bingham
14. PERMIT NO.		9. WELL NO. 10-3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6905' GR		10. FIELD AND POOL, OR WILDCAT Pineview
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 10-2N-7E
		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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Monthly Report of Operations</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

This is a Monthly Report of Operations for period 5/15-31/79
(see attached chronological report).

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

SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 5/31/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

5/15/79 FIRST REPORT: Staked loc. in SE¼ NW¼ Sec. 10-2N-7E. Elevations: 6900' GR; 6916' KB. Set 60' of 13-3/8" 48# H-40 conductor csg. w/7 yds Ready-Mix w/ Bill Jr's Rat Hole Drlg. Drilling contractor:

Parker Drlg. Co. - Rig #56. Now RURT. Will spud this AM.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

5/16/79 Day #1 - Drlg. in sltstn @ 442'. Drld. 366' in 19 hrs. MW 8.8; vis 40; WL 26.0; pH 8.5. Surveys: ½° @ 359'; ¼° @ 442'. Ran bit #1 (12¼" Hughes OSC3J - SN TP902) @ 76' KB. Bit has drld. 366' in 19 hrs. Spudded @ 9:45 AM 5/15/79. Drlg. wt 5000#; RPM 80.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

5/17/79 2 days - Drlg. in cgl't @ 970'. Drld. 528' in 19½ hrs. MW 9.4; vis 50; WL 26.0; pH 9.5. Survey: 1½°+ @ 925'. Pulled bit #1 @ 539'. Bit drld. 463' in 22-3/4 hrs. Dull grade 4-4-I. Ran bit #2 (12¼" Hughes OSC3J - SN TF747). Bit has drld. 431' in 17 hrs. Drlg. wt 5000#; RPM 97.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

5/18/79 3 days - Drlg. in cgl't & sh @ 1255'. Drld. 285' in 12-3/4 hrs. MW 9.2; vis 40; WL 26.0; pH 9.5. Survey: 1-3/4° @ 1234'. Pulled bit #2 @ 997'. Bit drld. 458' in 20 hrs. Dull grade 8-8-1½". Ran bit #3 (12¼" Smith DGJ - SN AC9961). Pulled bit #3 @ 997'. Bit rmd 100' of cgl't in 2 hrs. Dull grade 1-4-½". Ran bit #4 (12¼" Hughes J22 - SN TC140) @ 997'. Bit has drld. 258' in 9-3/4 hrs. Drlg. wt 4000#; RPM 90.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

5/19/79 4 days - TIH w/bit #5 @ 1500'. Drld. 245' in 16¼ hrs. MW 9.3; vis 41; WL 26.0; pH 9.0. Survey: 1½° @ 1500'. Pulled bit #4 @ 1500'. Bit drld. 503' in 26 hrs. Dull grade 4-2-I. PU 8-3/4" BHA & bit #5 (8-3/4" Smith DGTHJ - SN AD5904). Now TIH @ 1500'.

5/20 5 days - Drlg. in sd & sh @ 1790'. Drld. 290' in 18-3/4 hrs. MW 9.2; vis 40; WL 26.0; pH 9.0. Survey: 1¼° @ 1784'. Fin. running bit #5 @ 1500'. Pulled bit #5 @ 1787'. Bit drld. 287' in 17½ hrs. Dull grade 7-5-1/8". Ran bit #6 (8-3/4" Smith S4T - SN 892869). Bit has drld. 3' in ¼ hr. Drlg. wt 10,000#; RPM 90.

5/21 6 days - TD 2000'. Drld. 210' of sd & sh in 18 hrs. Circ. & cond. hole prep to run 9-5/8" csg. MW 9.3; vis 44; WL 26.0; pH 9.0. Survey: 1½° @ 2000'. Pulled bit #6 @ 2000'. Bit drld. 213' in 18¼ hrs. Dull grade 4-4-I. TIH w/bit #RR3 (12¼" Smith DGJ - SN AC9961) to 1500'. Now circ. & cond. hole to run 9-5/8" csg.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

5/22/79 7 days - TD 2000'. NU BOPE.
Circ. & cond. hole for csg. POH. LD 8" DC's.
Ran 39 jts 9-5/8" K-55 ST&C csg. (1548.43'),
landed @ 1542' KB. Cemented as follows:
503 sx BJ Light w/10# gilsonite & 1/4# Celloflake/sk
& 2% CaCl followed by 350 sx Class "G" w/1/4#/sk Celloflake & 2% CaCl.
PD 3:00 PM 5/21/79. Had good ret's thruout job. Circ. cmt. Installed csg.hd.
Pressure-tested to 1500 psi. Now NU BOPE.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

5/23/79 8 days - Drlg. in sh @ 2086'. (Corrected
TD 8-3/4" hole from 2000' to 2040'.) Drld. 46' in
1-3/4 hrs. MW 8.9; vis 39; WL 52.0; pH 12.0.
Survey: 1 1/2° @ 2076'. Fin. NU BOPE. Tested BOP,
chk manifold, kill line, upper kelly cock & safety valve
to 3000 psi, Hydril to 1000. Ran bit #7 (8-3/4" Hughes OSC1G - SN MX874)
@ 2040'. Tagged cmt @ 1487'. Drld. float collar @ 1502', float shoe @ 1542'.
Had cmt stringers to 1800'. Pulled bit #7 @ 2040'. Dull grade 2-2-I. Ran bit #8
(8-3/4" Smith F2 - SN AD 1859) @ 2040'. Bit has drld. 46' in 1-3/4 hrs.
Drlg. wt 25-30,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

5/24/79 9 days - Drlg. in sd & sh @ 2518'. Drld. 432'
in 21 1/2 hrs. MW 8.9; vis 45; WL 42.0; pH 11.9.
Survey: 1 1/2° @ 2425'. Bit #8 has drld. 478' in 23 1/4 hrs.
Drlg. wt 35,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

5/25/79 10 days - Drlg. in brn & gry sh @ 2921'.
Drld. 403' in 21 1/2 hrs. MW 9.1; vis 37; WL 40.0; pH 11.3.
Survey: 1° @ 2890'. Bit #8 has drld. 881' in 44-3/4 hrs.
Drlg. wt 35,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

5/26/79 11 days - Drlg. in brn & gry sh @ 3244'.
Drld. 323' in 21 1/4 hrs. MW 9.1; vis 40; WL 36.0; pH 9.8.
Survey: 1 1/2° @ 3225'. Bit #8 has drld. 1204' in 66 hrs.
Drlg. wt 35,000#; RPM 60.

5/27 12 days - Drlg. in brh sh @ 3466'. Drld. 222'
in 14 1/2 hrs. MW 9.0; vis 39; WL 26.2; pH 9.6. Survey: 1-3/4° @ 3376'.
Pulled bit #8 @ 3460'. Bit drld. 1420' in 80 1/2 hrs. Dull grade 4-2-1/16".
Ran bit #9 (8-3/4" Hughes J22 - SN TM451). Bit has drld. 6' in 3/4 hr.
Drlg. wt 15,000#; RPM 60.

5/28 13 days - Drlg. in sltstn @ 3806'. Drld. 340'
in 22 1/4 hrs. MW 9.0; vis 38; WL 24.2; pH 9.6. Survey: 2° @ 3794'. Bit #9 has
drld. 246' in 23 hrs. Kelvin smpl top: 2490'. Drlg. wt 35,000#; RPM 60.

5/29 14 days - Drlg. in sh & sltstn @ 4073'.
Drld. 267' in 22 1/2 hrs. MW 9.1; vis 42; WL 33.0; pH 9.9. Survey: 2 1/4° @ 4062'.
Bit #9 has drld. 613' in 45 1/2 hrs. Drlg. wt 35,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

5/30/79 15 days - Drlg. in sh' & sltstn @ 4341'.
Drld. 268' in 20½ hrs. MW 9.0; vis 42; WL 32.0;
pH 9.7. Survey: 1½° @ 4249'. Bit #9 has drld. 881'
in 66 hrs. Drlg. wt 38,000#; RPM 70.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

5/31/79 16 days - Drlg. in sd & sh @ 4658'.
Drld. 317' in 21-¾ hrs. MW 9.0; vis 38; WL 32.0;
pH 9.7. Survey: 1½° @ 4623'. Bit #9 has drld.
1198' in 87-¾ hrs. Drlg. wt 42,000#; RPM 60.

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

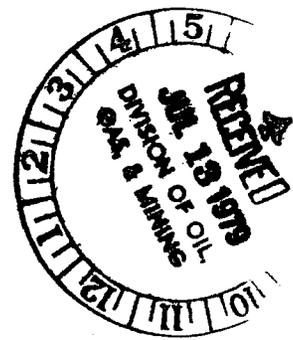
SUBMIT TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. Fee
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Drilling</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR American Quasar Petroleum Co.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 204 Superior Bldg., Casper, Wyoming 82601		8. FARM OR LEASE NAME Bingham
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE 1/4 NW 1/4		9. WELL NO. 10-3
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Pineview
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6905' GR		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 10-2N-7E
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		12. COUNTY SK PAXSON 18. STATE 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 <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Monthly Report of Operations</u> <input checked="" type="checkbox"/>	
<small>(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>			

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

This is a Monthly Report of Operations for period 6/1-30/79
(see attached chronological report).



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

SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 7/10/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/1/79 17 days - Drlg. in sltstn & sh @ 4837'.
Drl'd. 179' in 15¼ hrs. MW 9.0; vis 39; WL 30.0; pH 9.0.
Surveys: 1° @ 4695' & 4776'. Pulled bit #9 @ 4695'.
Bit drld. 1235' in 90¼ hrs. Dull grade 4-4-1/16".
Ran bit #10 (8-3/4" Sec S84F - SN 791459). Bit has
drld. 142' in 12-3/4 hrs. Drlg. wt 40,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/2/79 18 days - Drlg. in sh & sltstn @ 5083'.
Drl'd. 246' in 22¼ hrs. MW 9.1; vis 43; WL 26.0; pH 8.8.
Surveys: 1° @ 4868' & 4972'; ¼° @ 5075'. Bit #10 has
drld. 388' in 35 hrs. Drlg. wt 42,000#; RPM 60.

6/3 19 days - Drlg. in sh & sltstn @ 5298'.
Drl'd. 215' in 23 hrs. MW 9.0; vis 40; WL 20.8; pH 9.3. Surveys: 3/4° @ 5146';
½° @ 5258'. Bit #10 has drld. 603' in 58 hrs. Drlg. wt 45,000#; RPM 60.

6/4 20 days - Drlg. in sh & sltstn @ 5496'.
Drl'd. 198' in 23 hrs. MW 9.0; vis 40; WL 26.2; pH 9.5. Survey: 3/4° @ 5401'.
Bit #10 has drld. 801' in 81 hrs. Drlg. wt 45,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/5/79 21 days - Drlg. in sh & sltstn @ 5819'.
Drl'd. 123' in 12½ hrs. MW 9.0; vis 40; WL 29.0;
pH 9.0. Survey: 1° @ 5589'. Pulled bit #10 @ 5589'.
Bit drld. 894' in 90½ hrs. Dull grade 4-4-1/8".
Ran bit #11 (8-3/4" Smith F3 - SN AD4124).

Bit has drld. 30' in 3 hrs. Magnafluxed BHA while out of hole.
Drlg. wt 40,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/6/79 22 days - Drlg. in brn sh @ 5748'. Drl'd. 129'
in 16½ hrs. MW 9.0; vis 40; WL 22.0; pH 9.7.
Survey: 1¼° @ 5675'. Pulled bit #11 @ 5720'. Bit drld.
131' in 16 hrs. Dull grade 2-2-I. Will rerun.
Ran bit #12 (8-3/4" Sec S84 - SN 858210). Bit has
drld. 28' in 3½ hrs. Drlg. wt 35-40,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/7/79 23 days - Drlg. in sd & ss @ 5972'. Drl'd. 224'
in 22 hrs. MW 9.0; vis 39; WL 26.0; pH 9.7.
Survey: 1½° @ 5924'. Bit #12 has drld. 252' in 25¼ hrs.
Stump smpl top: 5930'. Carrying 2 units BGG.
Drlg. wt 40,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/8/79 24 days - Drlg. in Stump sh & ls @ 6197'.
Drl'd. 225' in 22-3/4 hrs. MW 9.0; vis 39; WL 26.6;
pH 9.9. Survey: 1¼° @ 6120'. Bit #12 has drld.
477' in 48½ hrs. Carrying 2 units BGG.
Drlg. wt 42,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/9/79 25 days - POH w/ bit #12 at 6328'.
Drl'd. 131' of sh & conglom. in 21½ hrs.
MW 9; vis 38; WL 25.2; pH 10. Survey: 2°
at 6203'; 2° at 6266'. Now pulling bit #12.
Bit has drld. 608' in 69-3/4 hrs. Dull grade

8-5-1/8.

6/10/79 26 days - Drlg. Sh at 6396'. Drl'd.
68' in 9½ hrs. MW 8.9; vis 39; WL 22; pH 9.9. Fin. POH w/bit #12
Ran RR#11(8-3/4" STC F3-SN AD4124) Ran in at 6328. Bit #12 has
drl'd. 68' in 9½ hrs. Drlg. wt. 35,000#; RPM 60.

6/11/79 27 days - Washing to btm w/bit
#13 at 6449'. Bit drld. 53' on conglom., sh, & quartz in 8½ hrs.
MW 9; vis 43; WL 29.8; pH 9.7. Survey: 2° at 6405'. Pulled Bit
#12 at 6449'. Bit had drld. 121' in 17½ hrs. Bit was pulled due
to high torque. Dull grade 2-2-1/8. Ran bit #13(8-3/4" HTC J33
SN SF540) in at 6449'. Now wash. to btm.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/12/79 28 days - Drlg. in sh & ss @ 6596'. Drl'd. 147'
in 19 hrs. MW 9.0; vis 38; WL 26.0; pH 9.7.
Survey: 1-3/4° @ 6519'. Fin. washing to btm w/bit #13.
Bit has drld. 147' in 19 hrs. Carrying 1-2 units BGG.
Drlg. wt 35,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/13/79 29 days - Drlg. in Preuss sh @ 6758'.
Drl'd. 162' in 22½ hrs. MW 9.0; vis 37; WL 30.0; pH 9.7.
Survey: 2¼° @ 6706'. Bit #13 has drld. 309' in 41½ hrs.
Preuss smpl top: 6577'. Drlg. wt 38,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/14/79 30 days - POH w/bit #13 @ 6893'. Drl'd. 135'
of Preuss in 19¼ hrs. MW 8.9; vis 38; WL 31.2; pH 10.1.
Survey: 2-3/4° @ 6810'. Now pulling bit #13 @ 6893'.
Bit drld. 444' in 60-3/4 hrs.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/15/79 31 days - Drlg. in Preuss sh @ 6997'.
Drl'd. 104' in 15½ hrs. MW 9.0; vis 39; WL 29.2;
pH 10.0. Surveys: 3° @ 6890'; 3¼° @ 6957'.
Fin. pulling bit #13 @ 6893'. Dull grade 6-6-1/16".
Ran bit #14 (8-3/4" Sec S84F - SN 76954). Bit has
drl'd. 104' in 15½ hrs. Drlg. wt 42,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/16/79 32 days - Drlg. in Preuss sh @ 7085'.
Drl'd. 88' in 15 hrs. MW 9.0; vis 43; WL 37.0; pH 10.1.
Survey: 3½° @ 7042'. Pulled bit #14 @ 7042'. Bit drld.
149' in 24 hrs. Dull grade 8-4-I. Ran bit #15 (8-3/4"
Reed FP53 - SN 417173). Bit has drld. 43' in 6½ hrs.
Drlg. wt 45,000#; RPM 60.

6/17 33 days - Drlg. in Preuss sh & siltstn @ 7256'.
Drl'd. 171' in 22-3/4 hrs. MW 9.0; vis 44; WL 33.0; pH 9.9. Survey: 4° @ 7234'.
Bit #15 has drld. 214' in 29¼ hrs. Drlg. wt 42,000#; RPM 60.

6/18 34 days - Drlg. in Preuss sh @ 7420'.
Drl'd. 164' in 23 hrs. MW 8.9; vis 38; WL 30.2; pH 9.7. Survey: 4° @ 7338'.
Bit #15 has drld. 378' in 52¼ hrs. Drlg. wt 40,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/19/79 35 days - Drlg. in Preuss @ 7486'.
Drl'd. 66' in 12½ hrs. MW 8.8; vis 36; WL 39.2; pH 9.8.
Pulled bit #15 @ 7427'. Bit drld. 385' in 54¼ hrs.
Dull grade 8-8-1/8". Ran bit #16 (8-3/4" Smith F3 -
SN AD1994). Bit has drld. 59' in 10½ hrs. On TIH,
reamed 5741-5936' & 7367-7427'. Drlg. wt 30-35,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/20/79 36 days - Drlg. in Preuss siltstn @ 7602'.
Drl'd. 116' in 23 hrs. MW 9.0; vis 36; WL 22.2; pH 10.1.
Survey: 4½° @ 7527'. Bit #16 has drld. 175' in 33¼ hrs.
Drlg. wt 35-40,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/21/79 37 days - Drlg. in Preuss @ 7657'. Drl'd. 55'
in 14 hrs. MW 9.0; vis 41; WL 29.0; pH 9.9.
Survey: 5° @ 7612'. Pulled bit #16 @ 7612'. Bit drld.
185' in 35-3/4 hrs. Dull grade 8-2-I. Ran bit #17
(8-3/4" Hughes J33 - SN ME730). Bit has drld. 45'
in 11-3/4 hrs. Drlg. wt 30-35,000#; RPM 60.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/22/79 38 days - Drlg. in Preuss @ 7758'.
Drl'd. 101' in 22-3/4 hrs. MW 9.0; vis 42; WL 28.4;
pH 9.8. Survey: 5° @ 7758'. Bit #17 has drld. 148'
in 34¼ hrs. Drlg. wt 35,000#; RPM 58.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/23/79 39 days-Washing to btm. at 6365'.
Drl'd. 29' of Pruess silt in 7 hrs. MW 9.0
vis 38; WL 29.2; pH 9.7. Pulled bit #17
at 7787'. Bit had drld. 175' in 41¼ hrs.
Dull grade: 4-4-½. Ran bit #18(8-3/4"

Security S86F, S/N 824141). Now washing to bottom at 6365'.

6/24/79 40 days-Drlg. at 7865' in Pruess
silt & shale. Drl'd. 78' in 19 hrs. MW 9.1; vis 42; WL 9.6; pH 9.6
Bit #18 has drld. 78' in 19hrs. Drlg.wt. 35,000#; RPM 55.

6/25/79 41 days-Drlg. at 7979'. Drl'd..
114' in Pruess siltstone & shale in 22-3/4 hrs. MW 9.1; vis 45;
WL 9.2; pH 9.3 Survey: 4½° at 7887'. Bit #18 has drld. 192' in
41-3/4 hrs. Drlg.wt. 35-44,000#; RPM 45-55.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/26/79 42 days - Drlg. in Preuss @ 8125'.
Drld. 146' in 22 hrs. MW 9.0; vis 45; WL 9.4;
pH 9.9. Survey: 4½° @ 8102'. Bit #18 has drld. 338'
in 63-¾ hrs. Had drlg. break 8096-8114'.
Drld. wt 44,000#; RPM 55.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/27/79 43 days - TOH w/bit #18 @ 8261'. Drld. 136'
of Preuss in 20-¾ hrs. MW 9.1; vis 47; WL 10.0; pH 9.7.
Survey: 5° @ 8227'. Now pulling bit #18 @ 8261'. Bit drld.
474' in 84½ hrs.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/28/79 44 days - Drlg. in brn sltstn @ 8293'.
Drld. 32' in 8 hrs. MW 9.1; vis 44; WL 9.4; pH 10.5.
Survey: 4-¾° @ 8261'. Fin. pulling bit #18 @ 8261'.
Dull grade 6-6-1/16". Ran bit #19 (8-¾" Reed FP51 -
SN 141644). Bit has drld. 32' in 8 hrs. Drlg. wt
42,000#; RPM 34.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/29/79 45 days - Drlg. in Preuss sltstn @ 8408'.
Drld. 115' in 23¼ hrs. MW 9.1; vis 46; WL 9.2; pH 10.3.
Survey: 4-¾° @ 8321'. Bit #19 has drld. 147' in
31-¾ hrs. Drlg. wt 42,000#; RPM 44.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/30/79 46 days - Drlg. in Preuss sltstn @ 8508'.
Drld. 100' in 21 hrs. MW 9.1; vis 46; WL 9.4; pH 10.0.
Survey: 4¼° @ 8476'. Bit #19 has drld. 247' in 52-¾ hrs.
Drlg. wt 42,000#; RPM 44.

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <u>Completion</u></p> <p>2. NAME OF OPERATOR <u>American Quasar Petroleum Co.</u></p> <p>3. ADDRESS OF OPERATOR <u>204 Superior Bldg., Casper, Wyo. 82601</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements.* See also space 17 below.) At surface <u>SE 1/4 NW 1/4</u></p>		<p>5. LEASE DESIGNATION AND SERIAL NO. <u>Fee</u></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME <u>Bingham</u></p> <p>9. WELL NO. <u>10-3</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Pineview</u></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>10-2N-7E</u></p> <p>12. COUNTY OR PARISH <u>Summit</u></p> <p>13. STATE <u>Utah</u></p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>6905' GR</u></p>	



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

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

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

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

This is a Monthly Report of Operations for period 7/1-17/79
(see attached chronological report).

This well is now being completed.

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

SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 8/10/79
(This space for Federal or State office use)

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

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

6/30/79 46 days - Drlg. in Preuss sltstn @ 8508'.
Drl'd. 100' in 21 hrs. MW 9.1; vis 46; WL 9.4; pH 10.0.
Survey: 4¼° @ 8476'. Bit #19 has drld. 247' in 52-3/4 hrs.
Drlg. wt 42,000#; RPM 44.

7/1 47 days - Drlg. in brn sltstn w/grn sh streaks
@ 8628'. Drl'd. 120' in 22-3/4 hrs. MW 9.1; vis 45; WL 8.4; pH 9.6. Survey:
4¼° @ 8599'. Bit #19 has drld. 367' in 75½ hrs. Drlg. wt 42,000#; RPM 44.

7/2 48 days - Drlg. in brn sltstn @ 8714'. Drl'd.
86' in 14½ hrs. MW 9.1; vis 45; WL 8.0; pH 9.4. Survey: 4¼° @ 8657'. Pulled
bit #19 @ 8657'. Bit drld. 396' in 81 hrs. Dull grade 4-4-I. Ran bit #20 (8-3/4"
Sec S84F - SN 777952). Bit has drld. 57' in 8-3/4 hrs. Drlg. wt 44,000#; RPM 50.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

7/3/79 49 days - Drlg. in TC sltstn @ 8959'.
Drl'd. 245' in 21 hrs. MW 9.1; vis 44; WL 9.0; pH 9.9.
Survey: 3-3/4° @ 8906'. Bit #20 has drld. 302' in
29-3/4 hrs. Smpl tops: 2nd salt 8726'; base of salt: 8875';
Twin Crk sltstn 8910'. Drlg. wt 44,000#; RPM 50.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

7/4/79 50 days - Drlg. in TC ls @ 9136'. Drld. 177'
in 8-3/4 hrs. MW 9.3; vis 44; WL 8.2; pH 10.1.
Surveys: 4° @ 8999'; 5¼° @ 9082'. Bit #20 has drld.
479' in 51½ hrs. Drlg. wt 38,000#; RPM 50.

7/5 51 days - Drlg. in TC ls @ 9296'. Drld. 160'
in 22¼ hrs. MW 9.3; vis 45; WL 9.0; pH 9.9. Survey: 6° @ 9278'. Bit #20 has
drld. 639' in 73-3/4 hrs. Drlg. wt 42,000#; RPM 55.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

7/6/79 52 days - POH w/bit #20 @ 9407'. Drld. 111'
of TC ls in 15½ hrs. MW 9.4; vis 43; WL 8.8; pH 9.8.
Survey: 6¼° @ 9371'. Now pulling bit #20 @ 9407'.
Bit drld. 750' in 89¼ hrs. TC-Leeds smpl top: 9380'.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

7/7/79 53 days - Drlg. in TC ls @ 9465'. Drld. 58'
in 9-3/4 hrs. MW 9.4; vis 45; WL 6.4; pH 9.5.
Fin. pulling bit #20 @ 9407'. Dull grade 4-4-I.
Ran bit #21 (8-3/4" Sec S84F - SN 901537). Bit has
drld. 58' in 9-3/4 hrs. Drlg. wt 42,000#; RPM 50.

7/8 54 days - Drlg. in TC ls @ 9624'. Drld. 159'
in 22¼ hrs. MW 9.5; vis 46; WL 9.6; pH 9.8. Surveys: 5° @ 9459'; 5½° @ 9583'.
Bit #21 has drld. 217' in 32 hrs. Drlg. wt 44,000#; RPM 50.

7/9 55 days - Drlg. in TC ls @ 9814'. Drld. 190'
in 22½ hrs. MW 9.5; vis 44; WL 9.4; pH 9.6. Surveys: 5½° @ 9675'; 5-3/4° @
9768'. Bit #21 has drld. 407' in 54½ hrs. Watton Canyon smpl top: 9700'.
Drlg. wt 44,000#; RPM 50.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

7/10/79 56 days - Drlg. in TC-Watton Canyon ls
@ 9984'. Drld. 170' in 21¼ hrs. MW 9.5; vis 44;
WL 9.6; pH 9.7. Surveys: 8° @ 9891' & 9952'.
Bit #21 has drld. 577' in 75-3/4 hrs. Drlg. wt
44,000#; RPM 50.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

7/11/79 57 days - Drlg. in TC @ 10,167'. Drld. 183'
in 23¼ hrs. MW 9.7; vis 51; WL 9.4; pH 9.4.
Survey: 8¼° @ 10,140'. Bit #21 has drld. 760' in 99 hrs.
Smpl tops: Bndry Rdge 10,015'; Rich 10,060'.
Drlg. wt 44,000#; RPM 50.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

7/12/79 58 days - TD 10,200'. Logging. Drld. 33' in 4 hrs.
MW 9.7; vis 51; WL 9.8; pH 9.3. Survey: 9° @ 10,200'.
Pulled bit #21 @ 10,200'. Bit drld. 793' in 103 hrs.
Dull grade 6-4-I. Now running logs. Log tops: TC 8968;
Leeds 9370; Watton Canyon 9658; Bndry Rdge 9960'.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

7/13/79 59 days - TD 10,200'. LD DP.
MW 9.6; vis 58. Ran CNFD & Dipmeter 10,179-1542'
& FIL 10,174-8890'. TIH. Circ. btms up. Now LD DP.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

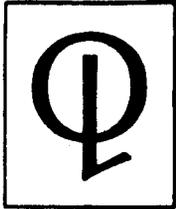
7/14/79 60 days - TD 10,200' (TC). Circ. thru DV tool.
MW 9.7; vis 58; WL 10.0; pH 9.0. Fin. LD DP.
Ran 5½" csg. as follows:
31 jts 17# N-80 - 1268.34'
26 jts 20# S-95 - 1027.50'
144 jts 17# K-55 - 6100.56'
44 jts 17# N-80 - 1819.67'
Shoe & float equip - 4.40'
Total: 10220.47'
Landed @ 10200.00' KB
Float @ 10158.00'
DV tool @ 8972.00'

Circ. & cemented w/525 sx Class "G" w/6% KCl, 2.5% D-19 & 3/4 of 1% D-13.
Now circ. thru DV tool.

7/15 61 days - TD 10,200'. Circ. thru DV tool,
mixing mud & cond. hole for 2nd stage. MW 9.7; vis 58; WL 10.0; pH 9.0.
7/16 62 days - TD 10,200'. WOC. Circ. & cond. mud.
mixed & pumped 1500 sk Class "G" w/10% gyp & 37% salt. Displaced w/212 bbl
mud. Plug did not bump. Held pressure on cmt. 9 hrs. Ran Temp. Log
6605-8880'. Cmt. top: 7400'. Now WOC.

BINGHAM #10-3
(10,200' TC-dev)
Summit Co., Utah
Pineview Prosp.

7/17/79 63 days - TD 10,200'. RDRT.
Fin. WOC. ND & set slips. Cleaned pits.
Rig released 8:00 PM 7/16/79. Now RDRT.
(DROP FROM DRLG. REPORT.)

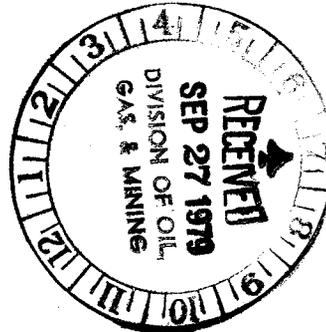


AMERICAN QUASAR PETROLEUM CO. OF NEW MEXICO

707 UNITED BANK TOWER, 1700 BROADWAY, DENVER, COLORADO 80290, U.S.A.
TELEPHONE (303) 861-8437

September 19, 1979

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



Attention: Mr. Cleon B. Feight, Director

Subject: Conversion of Bingham 10-3, SE NW Section 10, TwN-R7E
Summit County, Utah, to Water Disposal

Gentlemen:

American Quasar Petroleum Company requests approval to convert the subject well in the Pineview Field, Summit County, Utah to salt water disposal. The proposed disposal zone will be the Stump sand over depth intervals of 5990-6575. We request that you grant administrative approval, without hearing, as set forth in the Pineview water disposal order, Paragraph #3, cause #160-14, dated June 26, 1979.

The Stump formation consists of multiple sandstone layers separated by shale layers. Porosity in the sand intervals averages nine percent. Three wells in the Pineview Field produce oil, gas and water from the Stump. Analysis of produced water from the Newton Sheep #1 indicates the total dissolved solids to be 12,500 parts per million.

Water to be disposed of includes produced water from the Frontier, Stump, Twin Creek and Nugget reservoirs in the Pineview Field. Analysis of produced waters from each of these reservoirs is attached. The average concentration of total dissolved solids in the injection water is estimated to be 25,000 parts per million. Maximum estimated disposal rate is 10,000 barrels per day with a minimum rate of 5000 barrels per day.

The Stump interval in the Bingham 10-3 is cased but not cemented. The proposed injection interval will be block squeezed and a cement bond log run to confirm isolation from adjacent formation. Water disposal into the Stump will comply with all provisions set forth in the Pineview water disposal order, Cause #160-14, dated June 26, 1979.

Listed below are the attachments being submitted with the application:

1. Sundry Notice for conversion to disposal well.
2. Map showing wells and lessee ownership.
3. Address list of all lessees of record located within one-half mile of Bingham 10-3

Page Two
Bingham 10-3 Conversion to Water Disposal
September 19, 1979

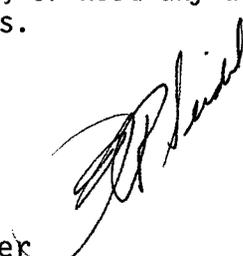
4. Water analysis of all producing reservoirs in the Pineview Field.
5. Procedure for converting well to water disposal.
6. Logs indicating the Stump interval in proposed well.

Copies of this application have been sent by registered mail to all affected lessees.

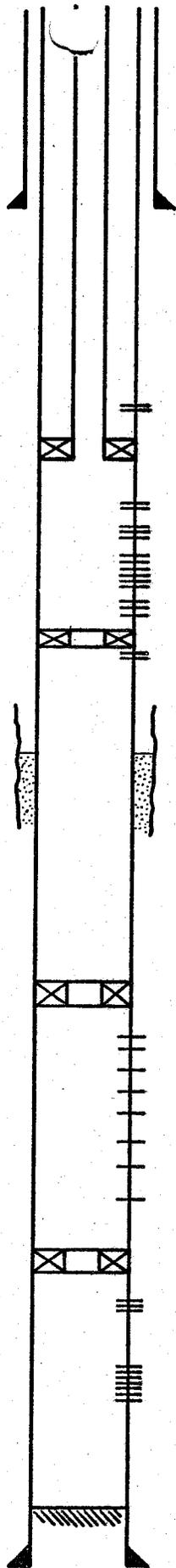
If you have any questions, or need any additional information, please do not hesitate to contact us.

Very truly yours,

W. R. Seidel
Division Operations Manager



JTB:sb
attachments



KB 6916'
GL 6900'

9 5/8" @ 1542' CEMENTED w/503 sx CLASS G

PROPOSED STUMP RECOMPLETION

2 7/8" PLASTIC COATED TUBING

PKR @ 6325'

SQZ PERFS @ 5920'

STUMP PERFORATIONS

6356'-6372'

6378'-6385'

6387'-6402'

6406'-6470'

CICR @ 6550'

4 SQZ PERF @ 6600'

ORIGINAL CEMENT TOP 7250'

CICR @ 9750'

WATTON CANYON

9776'

9792'

9850'

9854'

9899'

9903'

9929'

9955'

CIRC @ 9980'

SQZ PERFS @ 10,000-10,001'

SQZ'D w/300 sx CLASS G

RICH

10,070'-10,080' - WET

2 SPF

ORIGINAL PBTD-10,154'

5 1/2" 17 & 20# CASING @ 10,200'

T.D. 10,200'

PINEVIEW FIELD
Summit Co., Utah
BINGHAM 10-3

WORKSHEET

BINGHAM 10-3 CONVERSION

TO WATER DISPOSAL

1. MIRU. Load tubing with produced water.
2. ND NU. Release packer. POOH.
3. Run CICR and set at 9750'.
4. TIH with tubing. Sting into retainer, establish injection with water. Pump 200 sx cement, pump 195 sx below retainer, spot 5 sx on top of retainer. Pull out of retainer, reverse clean. POOH.
5. RU wireline unit. Perforate 4 squeeze holes at 6600'. Depths refer to Schlumberger CNL-FDC log dated 7/12/79.
6. Run CICR on wireline and set at 6550 (\pm).
7. RIH with tubing, sting into retainer, establish injection with water. Perform lower block squeeze with 200 sx Class G. Stage as required. If not able to squeeze, overdisplace and re-squeeze.
8. Perforate 4 squeeze holes at 5920'.
9. Run retrievable squeeze packer on 2 7/8" tubing and perform upper block squeeze using procedure outlined in Step 7.
10. Run mill with casing scraper and DC's. Clean out cement to CICR at 6550. Reverse hole clean. POOH.
11. RU wireline unit. Run CBL-CCL-GR with wavetrain log from PBTD to top of cement. If bond appears questionable telecopy portion of log to Denver. Send a copy of CBL to State of Utah A.S.A.P.
12. Perforate Stump sand with 4" casing gun charged with 4 premium charges per foot as follows:

6406-6470
6387-6402
6378-6385
6356-6372
13. TIH with tubing and retrievable packer. Swab test the Stump perforations 6470-6356. Obtain representative sample of formation fluid for analysis.
14. Kill well if required. Release packer, POOH.
15. PU and run 2 7/8" EUE plastic coated J-55 tubing with retrievable packer. Set packer at 6325 \pm .
16. NU injection wellhead. Leave well shut-in until disposal system is connected.

APPROVED

Bob Seidel

DATE

9/12/79

WORKSHEET

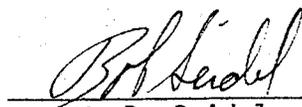
BINGHAM 10-3 CONVERSION

TO WATER DISPOSAL

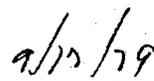
1. MIRU. Load tubing with produced water.
2. ND NU. Release packer. POOH.
3. Run CICR and set at 9750'.
4. TIH with tubing. Sting into retainer, establish injection with water. Pump 200 sx cement, pump 195 sx below retainer, spot 5 sx on top of retainer. Pull out of retainer, reverse clean. POOH.
5. RU wireline unit. Perforate 4 squeeze holes at 6600'. Depths refer to Schlumberger CNL-FDC log dated 7/12/79.
6. Run CICR on wireline and set at 6550 (\pm).
7. RIH with tubing, sting into retainer, establish injection with water. Perform lower block squeeze with 200 sx Class G. Stage as required. If not able to squeeze, overdisplace and re-squeeze.
8. Perforate 4 squeeze holes at 5920'.
9. Run retrievable squeeze packer on 2 7/8" tubing and perform upper block squeeze using procedure outlined in Step 7.
10. Run mill with casing scraper and DC's. Clean out cement to CICR at 6550. Reverse hole clean. POOH.
11. RU wireline unit. Run CBL-CCL-GR with wavetrain log from PBD to top of cement. If bond appears questionable telecopy portion of log to Denver. Send a copy of CBL to State of Utah A.S.A.P.
12. Perforate Stump sand with 4" casing gun charged with 4 premium charges per foot as follows:

6406-6470
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16. NU injection wellhead. Leave well shut-in until disposal system is connected.

APPROVED


W. R. Seidel

DATE



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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. FEE
2. NAME OF OPERATOR American Quasar Petroleum		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 707 United Bank Tower, 1700 Broadway Denver, CO 80290		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1895.1' FWL, 2041.5' FNL		8. FARM OR LEASE NAME Bingham
14. PERMIT NO. 43-043-30097	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6900' GL 6916 KB	9. WELL NO. 10-3
		10. FIELD AND POOL, OR WILDCAT Pineview
		11. SEC., T., R., M., OR BLK. AND SUBVY OR AREA 10, T2N-R7E
		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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____
(Other) Recomplete as water disposal <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Cement squeeze Twin Creek perforations. Perform block squeeze on Stump interval, perforate Stump interval as per the attached prognosis. Well is to be used for water disposal.

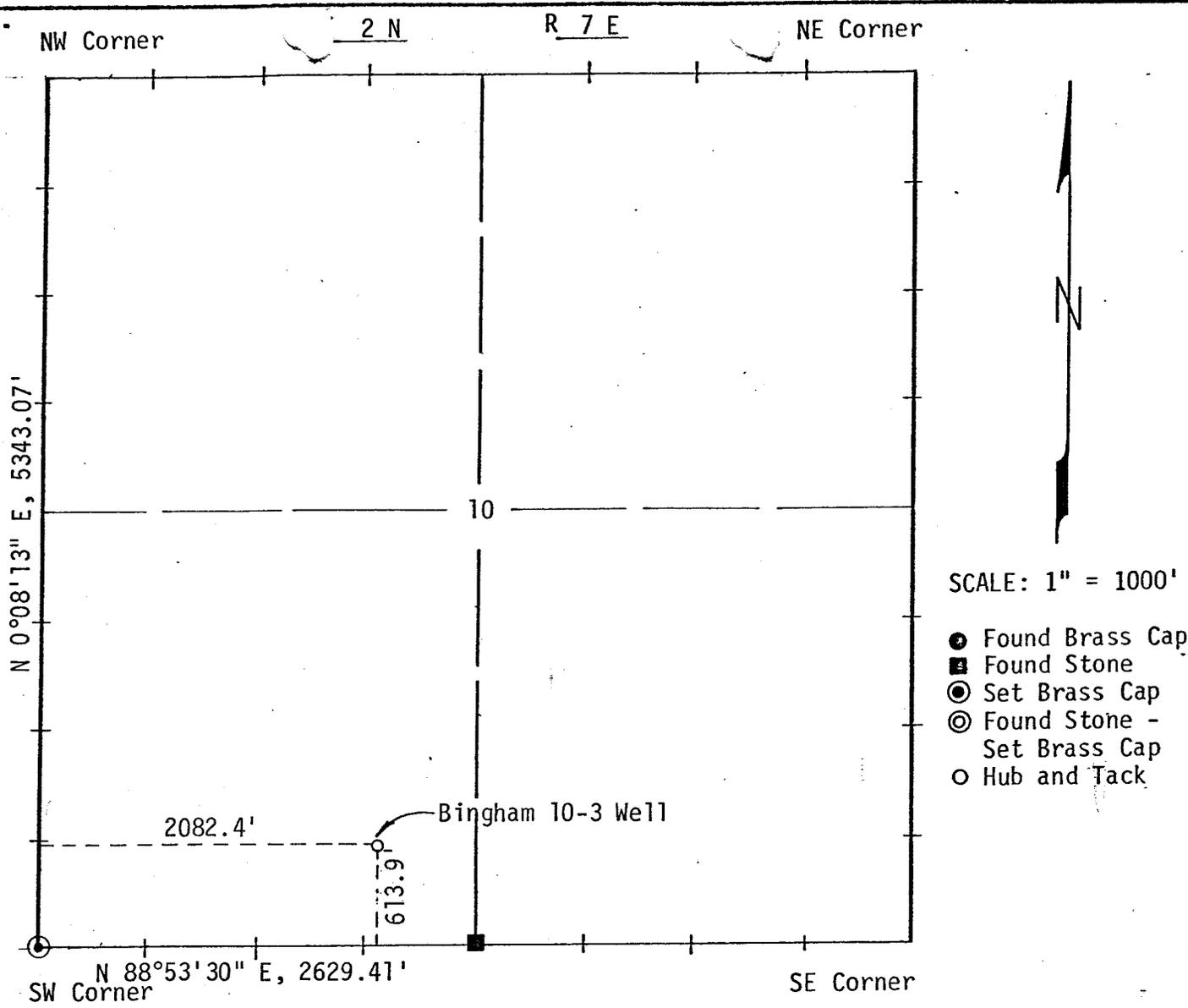
*Approval
Copy sent to Denver: 10/8/79*

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE Sept. 27, 1979
Frank M. Hanner

18. I hereby certify that the foregoing is true and correct
SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

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



SCALE: 1" = 1000'

- Found Brass Cap
- Found Stone
- ⊙ Set Brass Cap
- ⊖ Found Stone - Set Brass Cap
- Hub and Tack

I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Max Sims of Casper, Wyoming for American Quasar Petroleum I made a survey on the 4th day of January, 19 79 for Location and Elevation of the Bingham 10-3 Well as shown on the above map, the wellsite is in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 10, Township 2 North Range 7 East of the Salt Lake Base Meridian, Summit County, State of Utah, Elevation is 7121 Feet top of hub Datum U.S.G.S. Quadrangle - Upton, Utah Spot Elev. 7193 in NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 15, T2N, R7E

Reference point	250' South	Elev. top of 5/8" rebar	7130.0'
Reference point	300' South	"	7132.8'
Reference point	325' West	"	7078.1'
Reference point	395' West	"	7093.0'

John A. Proffit 1/8/79
 JOHN A. PROFFIT UTAH R.L.S. NO. 2068

DATE: 1-5-79
 JOB NO.: 79-14-1

UINTA ENGINEERING & SURVEYING, INC.
 808 MAIN STREET, EVANSTON, WYOMING

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 GAS WELL OTHER

2. NAME OF OPERATOR
American Quasar Petroleum

3. ADDRESS OF OPERATOR
707 United Bank Tower, 1700 Broadway Denver, CO 80290

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

1895.1' FWL, 2041.5' FNL

14. PERMIT NO.
43-043-30097

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
6900' GL 6916 KB

5. LEASE DESIGNATION AND SERIAL NO.
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Bingham

9. WELL NO.
10-3

10. FIELD AND POOL, OR WILDCAT
Pineview

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
10, T2N-R7E

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

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

Cement squeeze Twin Creek perforations. Perform block squeeze on Stump interval, perforate Stump interval as per the attached prognosis. Well is to be used for water disposal.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE Sept. 27, 1979

BY Frank W. [Signature]

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

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

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

Attachment to Well Completion Log
Bingham 10-3, Pineview Field
11/15/79

31. Perfd 10000-10001 w/4 SPF, 4" csg gun.
Perfd 10070-10080 w/2 SPF, 4" csg gun.
Perfd 9955, 9929, 9903, 9899, 9854, 9850, 9792, 9776 w/4" csg gun.
Perfd 6406-6470 w/4 SPF, 4" csg gun.
Perfd 6387-6402, 6378-6385 w/4 SPF, 4" csg gun.
Perfd 6356-6372 w/4 SPF, 4" csg gun.
32. Acdz perfs 10000-10001 w/300 gals 15% HCl w/4.5 bbls prod wtr, displaced 100 sx Class G cement w/0.8% Halad 9, 0.2% HR5, 15 bbls fresh wtr.
Sqzd perfs 10000-10001 w/200 sx Class G cement w/.8% Halad 9 and .2% NRS, displaced 100 sx Class G cement w/.4% Halad 9.
Sqzd perfs 10070-10080 w/100 sx Class G w/.4% Halad 9. Displaced w/prod wtr.
Frac'd perfs 9776-9955 w/24 bbls 15% HCl w/16 7/8 RCN 1.3 SP ball sealers, pumped 405 bbls prepad, 336 bbls versagel pad, 382 bbls versagel w/2 ppg 100 mesh sd, 360 bbls 15% HCl, 72 bbls wtr flush.
Sqzd perfs 9776-9955 w/300 sx Class G cement.

6

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other Saltwater Disposal

2. NAME OF OPERATOR
American Quasar Petroleum Co. of New Mexico

3. ADDRESS OF OPERATOR
707 United Bank Tower, 1700 Broadway, Denver, CO 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 1895.1' FWL, 2041.5' FNL
 At top prod. interval reported below
 At total depth

14. PERMIT NO. 43-043-30097 DATE ISSUED 2/20/79

15. DATE SPUDDED 5/15/79 16. DATE T.D. REACHED 7/16/79 17. DATE COMPL. (Ready to prod.) 11/8/79 18. ELEVATIONS (DR, RCB, RT, GR, ETC.)* 6900 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 10200 21. PLUG, BACK T.D., MD & TVD 6550 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY -- ROTARY TOOLS 0-TD CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
6406-6470, 6387-6402, 6378-6385, 6356-6372 (Injection perfs) 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
DLL, GR, FDC-CNL, HDT, CBL-CCL & GR 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	48#	60'	17 1/2	7 yds Ready Mix	None
9 5/8	36#	1542'	12 1/4	853 sx cement.	None
5 1/2	17#, 20#	10200'	8 3/4	2025 sx cement.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	6007	6007

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

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>See Attached</u>	

33.* PRODUCTION

DATE FIRST PRODUCTION -- PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) _____

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

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.) _____ 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 [Signature] TITLE Div. Operations Mgr. DATE 11/15/79



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 23, 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
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			
38. GEOLOGIC MARKERS			
	NAME	MEAS. DEPTH	TOP TRUB VERT. DEPTH
	Kelvin	1827	
	Stump	6103	
	Preuss	6576	
	Twin Creek	8968	
	TD	10200	
	PBTD	6550	

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1
(Revised 1982)

IN THE MATTER OF THE APPLICATION OF
American Quasar Petroleum Co.
ADDRESS 1700 Broadway #707
Denver, CO ZIP 80290
INDIVIDUAL PARTNERSHIP CORPORATION
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE Bingham 10-3 WELL
SEC. 10 TWP. 2N RANGE 7E
Summit COUNTY, UTAH

CAUSE NO. 160-14

ENHANCED RECOVERY INJ. WELL	<input type="checkbox"/>
DISPOSAL WELL	<input checked="" type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE I-4)	<input type="checkbox"/>

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name <u>Bingham</u>	Well No. <u>10-3</u>	Field <u>Pineview</u>	County <u>Summit</u>
Location of Enhanced Recovery Injection or Disposal Well <u>1895 FWL 2041 FNL</u> Sec. <u>10</u> Twp. <u>2N</u> Rge. <u>7E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>3/30/83</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>2900'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	State What <u>Oil</u>	
Location of Injection Source(s) <u>Pineview Field</u>	Geologic Name(s) and Depth of Source(s) <u>Twin Creek (-3500' elev)</u> <u>Nugget (-4500' elev)</u>		
Geologic Name of Injection Zone <u>Stump</u>	Depth of Injection Interval <u>6356</u> to <u>6470</u>		
a. Top of the Perforated Interval: <u>6356'</u>	b. Base of Fresh Water: <u>2900'</u>	c. Intervening Thickness (a minus b) <u>3456</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES NO			
Lithology of Intervening Zones			
Injection Rates and Pressures Maximum <u>10,000</u> B/D <u>2,500</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent.			
<u>B. A. Bingham Honeywell, UT 84314</u>			
<u>Champlin Petroleum Co. P.O. Box 1257 Englewood, CO 80150</u>			

State of Colorado

County of Denver

John D. Dolan

John D. Dolan Applicant Div. Production Mgr.

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

Subscribed and sworn to before me this 20th day of July, 19 83

SEAL

My commission expires 9/15/85

Notary Public
Notary Public in and for Denver, Colorado

(OVER)

INSTRUCTIONS

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehold within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	13 3/8"	60'	7 yards	Surface	
Intermediate	9 5/8"	1542'	853 sx	Surface	Circulation
Production	5 1/2"	10200'	275 sx 2025 sx	4190' 7200'	Bond Log (squeeze) Bond Log
Tubing			Name - Type - Depth of Tubing Packer		
Total Depth 10,200'	Geologic Name - Inj. Zone Stump	Depth - Top of Inj. Interval 6356'	Depth - Base of Inj. Interval 6470'		

PLEASE TYPE OR USE BLACK INK ONLY

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

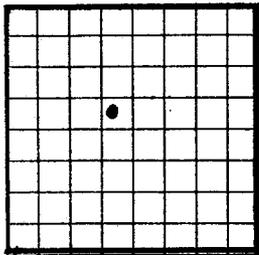
DEPARTMENT OF NATURAL RESOURCES AND ENERGY

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

COUNTY
LEASE NO.

API NO. 43-043-30097

640 Acres
N



Locate Well Correctly
and Outline Lease

COUNTY Summit SEC. 10 TWP. 2N RGE. 7E
COMPANY OPERATING American Quasar Petroleum
OFFICE ADDRESS 1700 Broadway #707
TOWN Denver STATE CO ZIP 80290
FARM NAME Bingham WELL NO. 10-3
DRILLING STARTED 5/15 19 79 DRILLING FINISHED 7/16 19 79
DATE OF FIRST PRODUCTION None COMPLETED 11/8/79
WELL LOCATED SE 1/4 SE 1/4 NW 1/4
2041 FT. FROM SE CORNER & 1895 FT. FROM W. CORNER
ELEVATION DERRICK FLOOR 6916 GROUND 6900

TYPE COMPLETION

Single Zone X

Multiple Zone _____

Comingled _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
13 3/8	40#	H-40	60		7 yds.		Surface
9 5/8	36#	K-55	1542		853	Circ	Surface
5 1/2	20 & 17#	N80 K55 S95	10200		2025	Blk sqz Primary	4190' 7200'

TOTAL DEPTH 10200'

PACKERS SET
DEPTH 6007'

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

1

2

3

FORMATION	<u>Stump</u>		
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	<u>Injection well</u>		
PERFORATED	<u>6356-6372'</u>		
INTERVALS	<u>6378-6385'</u>		
	<u>6387-6402'</u>		
	<u>6406-6470'</u>		
ACIDIZED?	<u>5000 gal 15%</u>		
FRACTURE TREATED?	<u>HCl</u>		
	<u>No</u>		

INITIAL TEST DATA

Date	<u>Completed as injection well</u>		
Oil, bbl./day			
Oil Gravity			
Gas, Cu. Ft./day	<u>CF</u>	<u>CF</u>	<u>CF</u>
Gas-Oil Ratio Cu. Ft./Bbl.			
Water-Bbl./day			
Pumping or Flowing			
CHOKE SIZE			
FLOW TUBING PRESSURE			

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

(use reverse side)

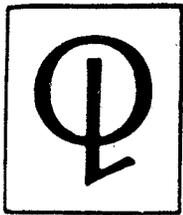
I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone 303/861-8437 John D. Dolan Div. Prod. Mgr.

Name and title of representative of company

Subscribed and sworn before me this 20th day of July, 19 83

CRT



AMERICAN QUASAR PETROLEUM CO. OF NEW MEXICO

707 UNITED BANK TOWER, 1700 BROADWAY, DENVER, COLORADO 80290, U.S.A.
TELEPHONE (303) 861-8437

September 22, 1983

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

RECEIVED
SEP 23 1983

DIVISION OF
OIL, GAS & MINING

Attention: Gilbert L. Hunt

Subject: Rule I-4, Existing Injection Wells,
Pineview Field, Summit County, Utah

Gentlemen:

We have attached the information requested in your letter dated August 9, 1983 in order to complete our application under Rule I-4. The following information is provided:

1. Schematic wellbore sketches attached:

- Bingham 10-3
- Boyer 34-1
- Jones 42-5
- UPRR 5-1*
- UPRR 11-1
- UPRR 15-1

*State to witness tubing-annular test

2. The Nugget fracturing gradient is $\pm .7$ to $.75$ psi/ft based upon fracture stimulations in the UPRR 5-1 (Twin Creek) and the Howell Livestock 26-31 (Nugget). The Stump fracture gradient is $.922$ psi/ft based on recent acid breakdowns in the Clark 4-1, UPRR 9-1 and Newton Sheep 4-9S.
3. High-low pressure switches are installed which will shut down the injection pumps. Field personnel check injection stations a minimum of three times daily.
4. Representative produced, DST and injection water analyses are attached.
5. The Pineview Field is an east-west trending anticline on the hanging wall of the northeast-southwest trending Absaroka Thrust fault. The Nugget and Twin Creek formations, which produce at Pineview, are cut off by the Absaroka on the east side of the structure. On the north flank the same formations are faulted up relative to the north Pineview anticline in Sections 26 and 35. The south flank has dips of 7° to 15° into a syncline separating it from the Elkhorn structure.

Smaller subsidiary faults parallel to the Absaroka cut the Pineview

7

anticline on the east and west sides. There is about 2650 feet of structural closure, of which 1060 feet was originally oil productive in the Nugget.

The Nugget formation is 1054 feet thick in the American Quasar UPRR 3-2 well in NW SW Section 3, T2N-R7E. The Nugget is an Aeolian sand with variable porosity in the upper half and generally tight in the lower half.

Below the Nugget is the Ankareh formation, composed of thin bedded red sands and shales. It is considered impermeable to vertical fluid migration.

Above the Nugget is the Twin Creek formation. It is 1303 feet of hard, dense shaly limestone. At the base of the Twin Creek is the Gypsum Spring member. It is about 50 feet thick and consists of interbedded shale, anhydrite and limestone. It forms a barrier on the Nugget sand to vertical fluid migration.

The Stump formation is 500 to 950 feet thick and is from 5200 to 6700 feet deep at Pineview. The structure map shows the formation to be very broken up with northeast-southwest normal and reverse faults.

The Stump is composed of interbedded sandstone, conglomerate, shales and siltstone. The sands are discontinuous and have variable porosity and permeability. The oil production is presently confined to the west side of the structure in Section 4, and northwest corner of Section 3.

Two structure maps are attached showing the Nugget and Stump formations. We have also attached our calculations, showing that parting pressure is not achieved in either the Stump or Nugget formations.

6. A review of our drilling and production records in the Pineview Area show little or no fresh water influx occurs below ± 1500 feet. Although not a fixed number, we have consistently doubled this distance to 2900 to 3000 feet. The only drinking water source wells (USDW) in the area are less than 200 feet deep.

We trust this additional information will complete our application.

Very truly yours,



John D. Dolan
Division Production Manager

JDD:sb
attachments

9/29/83

$$\begin{aligned} \text{Stump } V_2 &= (.103)(315)(43560) \left(\frac{1}{5.614} \right) (1) \\ &= \underline{251,746} \frac{\text{bbl}}{\text{acre}} \end{aligned}$$

$$\begin{aligned} \text{Nugget } V_2 &= (.118)(76)(43560) \left(\frac{1}{5.614} \right) (1) \\ &= \underline{69,584} \frac{\text{bbl}}{\text{acre}} \end{aligned}$$

F. Acres of Influence

$$A \text{ (acres/yr)} = \frac{V_1}{V_2}$$

$$\begin{aligned} \text{Stump } A &= \frac{876,000 \text{ (bbl/yr)}}{251,746 \text{ (bbl/ac)}} \\ &= 3.5 \frac{\text{acres}}{\text{year}} \end{aligned}$$

$$\begin{aligned} \text{Nugget } A &= \frac{876,000}{69,584} \\ A &= 12.6 \frac{\text{acres}}{\text{year}} \end{aligned}$$

G. Assume 20 years injection

$$\text{Stump } (3.5) \times (20) \times 69.59 \text{ acres} \quad \text{Nugget } (12.6) \times (20) = 151.07 \text{ acres}$$

H. Radius of Influence at 20 years

$$R = \sqrt{\frac{(A)(43,560)}{\pi}}$$

$$\text{Stump } R = \sqrt{\frac{(69.59)(43560)}{\pi}}$$

$$\approx 982 \text{ feet}$$

$$\text{Nugget } R = \sqrt{\frac{(151.07)(43,560)}{\pi}}$$

$$\approx 1447 \text{ feet}$$

I. Injected waters are anticipated to be wholly contained in the Nugget and Stump formations.

Pursuant to Rule I-5 (b) 4 & 5 the following information and discussion is provided for the Stump and Nugget formations:

	<u>Stump</u>	<u>Nugget</u>
A. <u>Formation Properties</u>		
Average depth to top of injection (elev.)	6377 ($\pm 400'$)	10,274 (-3787)
Average gross injection thickness (feet)	315	76
Lithology	Siltst-Sdst	Sdst
Average permeability (k)	28 md	5.2 md
Average porosity ($\emptyset\%$)	10.3	11.8
Formation temperature ($^{\circ}\text{F}$)	$\pm 145^{\circ}$	$\pm 175^{\circ}$
Fracture gradient (psi/ft)	.922	.7-.75
S.G. of injected water	1.04	1.04
Hydrostatic gradient of injected water	.4515	.4515
Maximum allowable surface pressure (psi)	2500	2500
Maximum rate (BWPd)	10,000	10,000

B. Injection Pressure at the formation

$$P_1 = P_2 - P_3 + P_4$$

Where:

P_1 = injection pressure at formation

P_2 = hydrostatic pressure

P_3 = loss due to friction

P_4 = maximum surface injection pressure

P_5 = fracturing pressure

Stump

$$P_1 = (6377)(.4515) - 100 + 2500$$

$$= 5279 \text{ psi}$$

$$P_5 = (.92)(6377)$$

$$= 5867 \text{ psi}$$

$$P_5 - P_1 = 588 \text{ psi below}$$

Nugget

$$P_1 = (10,274)(.4515) - 200 + 2500$$

$$= 6939 \text{ psi}$$

$$P_5 = (.7)(10,274)$$

$$= 7192 \text{ psi}$$

$$P_5 - P_1 = 253 \text{ psi below}$$

C. Pineview average injection rate $\pm 14,000$ BWPd for 6 wells or approximately ± 2400 BWPd per well.

D. Calculations of Injection Yearly Volumes.

$$V_1 = 2400 \text{ (bbl/day} \times 365 \text{ day/yr} = 8.76 \times 10^6 \text{ bbl/yr per well}$$

e. Calculation of Stump and Nugget storage

$$V_2 = \emptyset \times h(\text{ft}) \times 43,560 \left(\frac{\text{ft}^2}{\text{A}}\right) \times \frac{1}{5.614} \left(\frac{\text{bbl}}{\text{ft}^3}\right) \times 1 \frac{\text{bbl}}{\text{bbl}}$$

6400
6184

22

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR American Quasar Petroleum Co. DATE September 29, 1978 LAB NO. 28805-3
 WELL NO. UPRR 3-4 LOCATION _____
 FIELD Pineview FORMATION Nugget
 COUNTY Summit INTERVAL _____
 STATE Utah SAMPLE FROM Treater {9-14-78}

REMARKS & CONCLUSIONS:

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	7740	336.71	Sulfate	1850	38.48
Potassium	465	11.90	Chloride	12100	341.22
Lithium			Carbonate	-	
Calcium	690	34.43	Bicarbonate	610	10.00
Magnesium	81	6.66	Hydroxide		
Iron	-		Hydrogen sulfide		
Total Cations		389.70	Total Anions		389.70

Total dissolved solids, mg/l 23226
 NaCl equivalent, mg/l 22212
 Observed pH 7.2

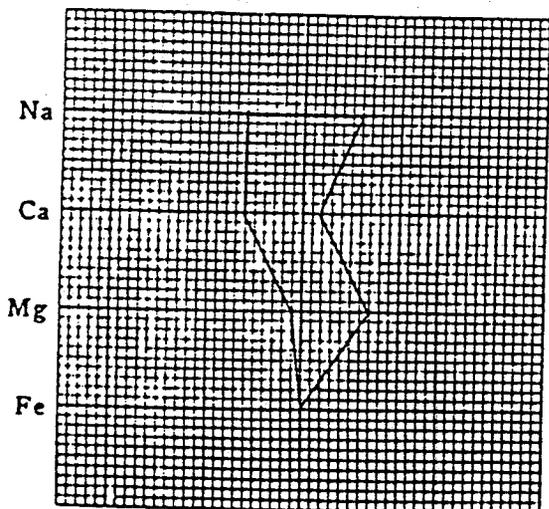
Specific resistance @ 68°F.:
 Observed 0.33 ohm-meters
 Calculated 0.30 ohm-meters

WATER ANALYSIS PATTERN

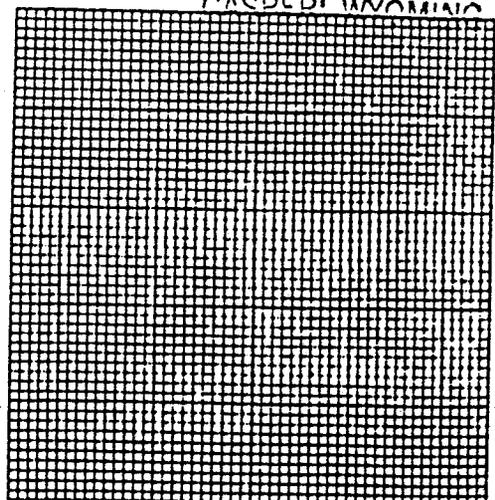
OCT - 3 1978

Sample above described

Scale:
MEQ per Unit



Cl 50
 HCO₃ 5
 SO₄ 5
 CO₃ 5



Cl
 HCO₃
 SO₄
 CO₃

(Na value in above graphs includes Na, K, and Li)
 NOTE: Mg/l = Milligrams per liter Meq/l = Milligram equivalents per liter
 Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

Greg
Blair
Schul
File

WATER ANALYSIS REPORT

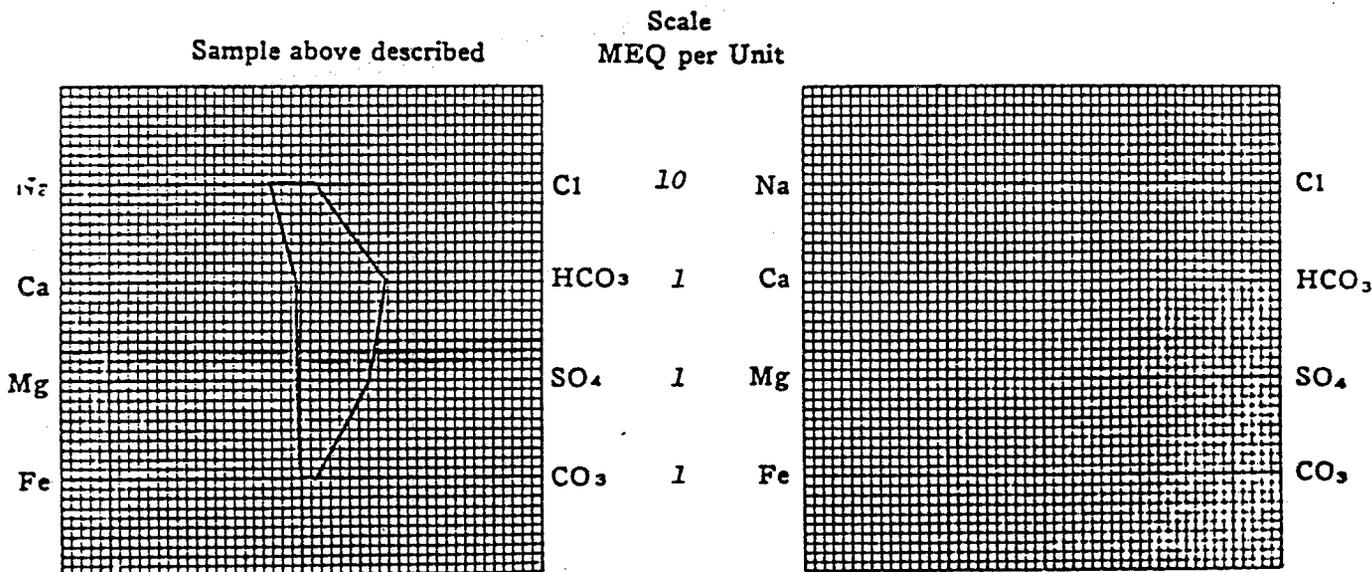
OPERATOR <u>American Quasar Petroleum Co.</u>	DATE <u>January 24, 1979</u> LAB NO. <u>29846-1</u>
WELL NO. <u>3-7S Pineview</u>	LOCATION <u>SW SW 3-2N-7E</u>
FIELD <u>Pineview</u>	FORMATION <u>STUMP</u>
COUNTY <u>Summit</u>	INTERVAL <u>6061-6271</u>
STATE <u>Utah</u>	SAMPLE FROM <u>DST No.1 (Top) 12-6-78</u>

REMARKS & CONCLUSIONS: _____

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	708	30.79	Sulfate	337	7.01
Potassium	90	2.30	Chloride	590	16.64
Lithium	-	-	Carbonate	48	1.60
Calcium	3	0.15	Bicarbonate	512	8.40
Magnesium	5	0.41	Hydroxide	-	-
Iron	-	-	Hydrogen sulfide	-	-
Total Cations		33.65	Total Anions		33.65

Total dissolved solids, mg/l	2033	Specific resistance @ 68°F.:
NaCl equivalent, mg/l	1768	Observed
Observed pH	8.7	3.30
		ohm-meters
		Calculated
		3.37
		ohm-meters

WATER ANALYSIS PATTERN



(Na value in above graphs includes Na, K, and Li)
NOTE: Mg/l = Milligrams per liter Meq/l = Milligram equivalents per liter
Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

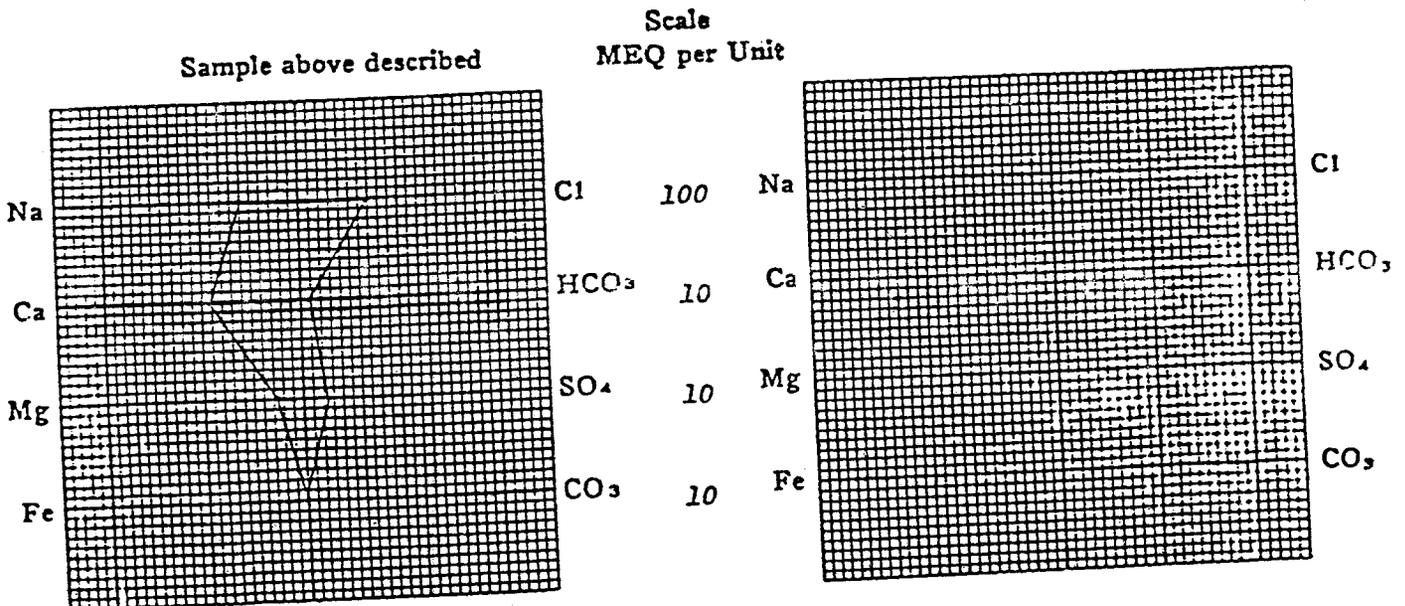
OPERATOR American Quasar Petroleum Co. DATE August 30, 1978 LAB NO. 28468-5
 WELL NO. 3-3 LOCATION _____
 FIELD Pineview FORMATION Nugget
 COUNTY Summit INTERVAL _____
 STATE Utah SAMPLE FROM Production (8-10-78)

REMARKS & CONCLUSIONS: _____

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	14192	617.35	Sulfate	1275	26.52
Potassium	670	17.15	Chloride	25400	716.28
Lithium			Carbonate	-	-
Calcium	1803	89.97	Bicarbonate	451	7.40
Magnesium	313	25.73	Hydroxide	-	-
Iron	present		Hydrogen sulfide	-	-
Total Cations		750.20	Total Anions		750.20

Total dissolved solids, mg/l	43875	Specific resistance @ 68°F.:	
NaCl equivalent, mg/l	43360	Observed	0.210 ohm-meters
Observed pH	6.9	Calculated	0.165 ohm-meters

WATER ANALYSIS PATTERN



(Na value in above graphs includes Na, K, and Li)
 NOTE: Mg/l = Milligrams per liter Meq/l = Milligram equivalents per liter
 Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

PETRO-LOG, INCORPORATED

SERVING THE ROCKY MOUNTAIN AREA

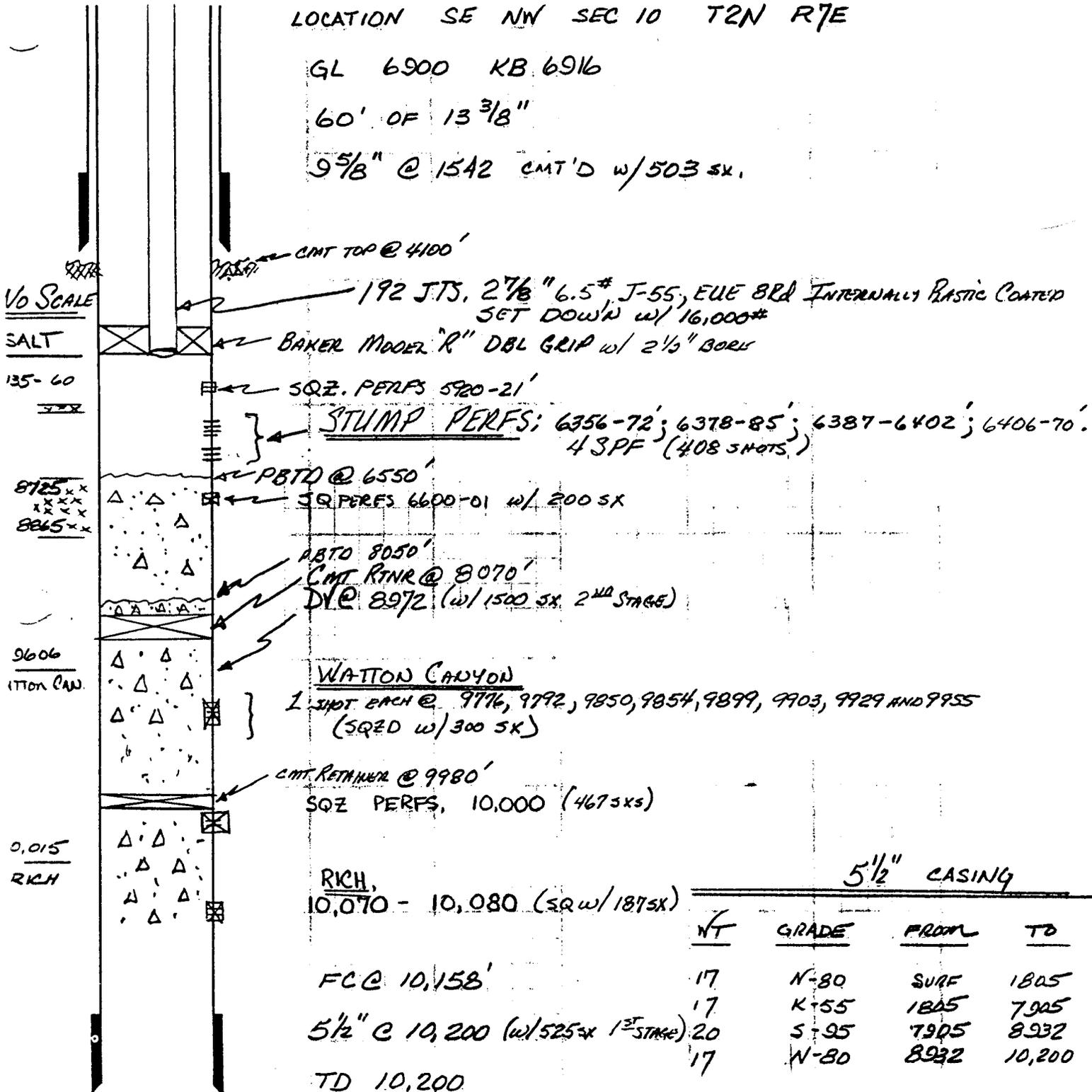
DATE 9/12/83 WELL NO. 10-3 LEASE BINGHAM FIELD PINEVIEW

LOCATION SE NW SEC 10 T2N R7E

GL 6900 KB 6916

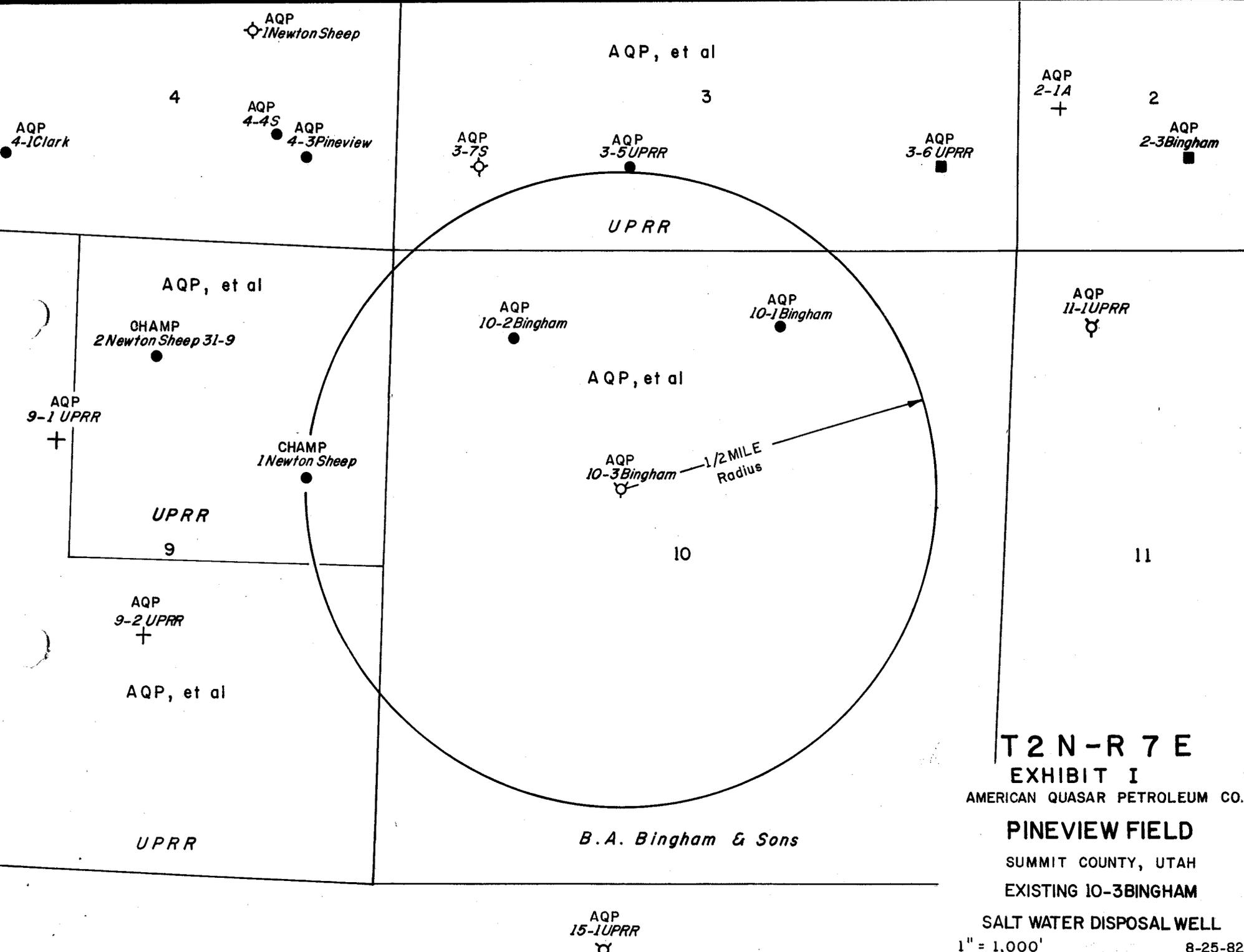
60' OF 13 3/8"

9 5/8" @ 1542 CMT'D w/503 SK.



BRIDGE PLUG
 PACKER
 CENTRALIZER
 SCRATCHER
 BASKET
 PERFORATION

(Use reverse side for additional remarks & sketches.)



T2N-R7E

EXHIBIT I

AMERICAN QUASAR PETROLEUM CO.

PINEVIEW FIELD

SUMMIT COUNTY, UTAH

EXISTING 10-3 BINGHAM

SALT WATER DISPOSAL WELL

1" = 1,000'

8-25-82

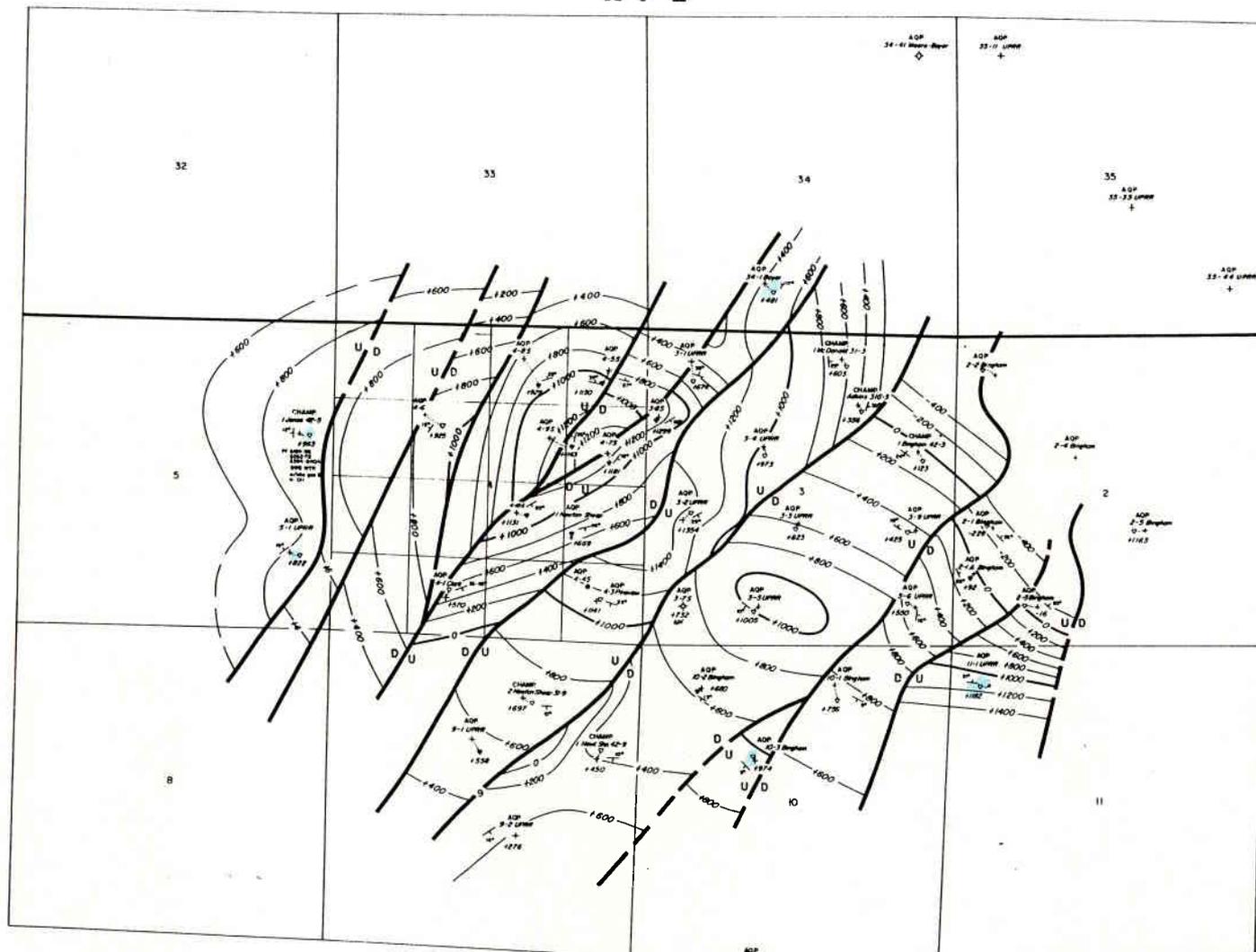
AQP
15-1 UPRR
⊕

B.A. Bingham & Sons

R 7 E

T 3 N

T 2 N



WELL SYMBOLS

- + SURFACE LOCATION
- ● KELVIN LOC. (PROD.)
- ▽ ◆ STUMP TOP (PRODUCTION)

STUMP PRODUCTION DATA

1-Newton Stump Per1 +558 to +543 IPF 1166 BO, 702 MCF, 6BWPD
3-8.5 Per1 +700 to +653 IPF 1338 BO, 1MMCFGPD
4-5.5 Per1 5891-5950, 6055-6065 IPF 397 BO, 276 MCFGPD
4-7.5 Per1 +612 to +1582 IPF 321 BO, 205 MCFGPD
4-8.5 Per1 5970-64,6006-14,6040-54 IPF 624 BO, 350 MCFGPD
4-9.5 Per1 5470-6148 Gross IPF 648 BO, 502 MCFGPD



AMERICAN QUASAR PETROLEUM CO. OF NEW MEXICO
1727 West 2nd Street, 1728 Broadway, Denver, Colorado 80202 Phone: 303-462-6217

PINEVIEW FIELD

SUMMIT COUNTY, UTAH
STRUCTURE: TOP STUMP FORMATION
CONTOUR INTERVAL: 200'

DRAWN BY		DATE		CHECKED BY		DATE	
T. BLAZZARD		1-30-80		D.M.		9-17-82	

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

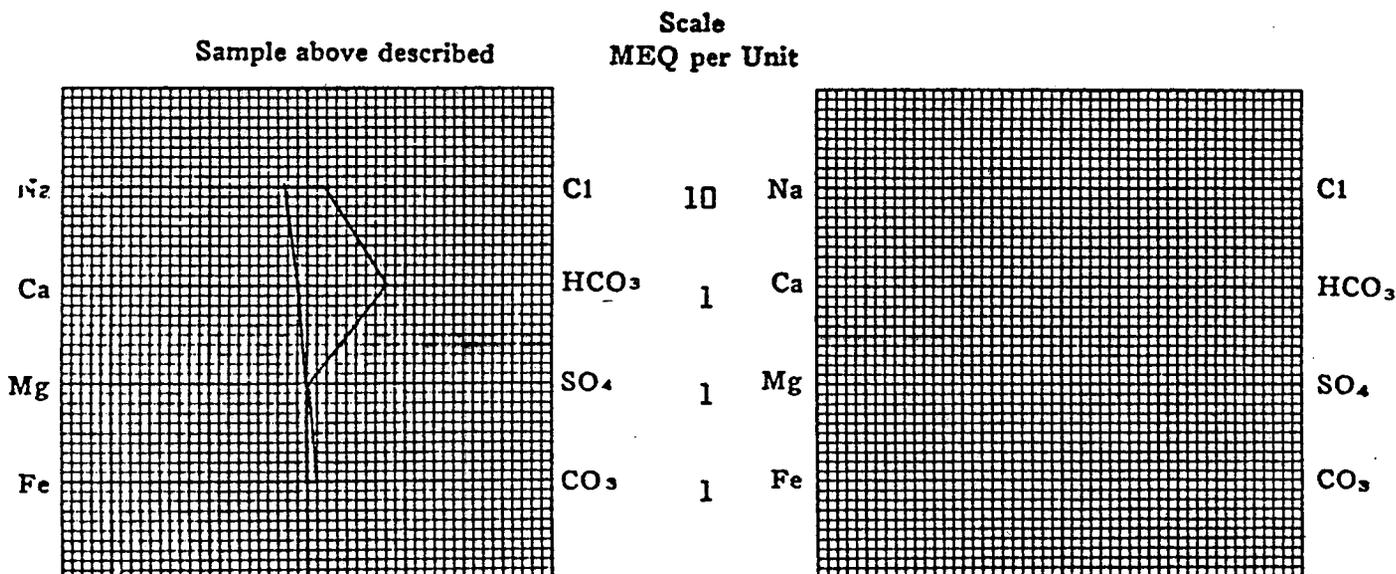
OPERATOR <u>American Quasar Petroleum Co.</u>	DATE <u>July 10, 1979</u>	LAB NO. <u>31327-2</u>
WELL NO. <u>UPRR 3-8S</u>	LOCATION _____	
FIELD _____	FORMATION <u>KELVIN</u>	
COUNTY _____	INTERVAL <u>3090-3197</u>	
STATE _____	SAMPLE FROM <u>DST No. 1 {Bottom}</u>	

REMARKS & CONCLUSIONS: No other information given.

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium - - - - -	590	25.67	Sulfate - - - - -	32	0.67
Potassium - - - - -	17	0.44	Chloride - - - - -	620	17.48
Lithium - - - - -			Carbonate - - - - -	36	1.20
Calcium - - - - -	15	0.75	Bicarbonate - - - - -	488	8.00
Magnesium - - - - -	6	0.49	Hydroxide - - - - -		
Iron - - - - -	-		Hydrogen sulfide - - - - -	-	
Total Cations - - - - -		27.35	Total Anions - - - - -		27.35

Total dissolved solids, mg/l - - - - -	1556	Specific resistance @ 68°F.:
NaCl equivalent, mg/l - - - - -	1446	Observed - - - - -
Observed pH - - - - -	8.3	4.00
		ohm-meters
		Calculated - - - - -
		4.10
		ohm-meters

WATER ANALYSIS PATTERN

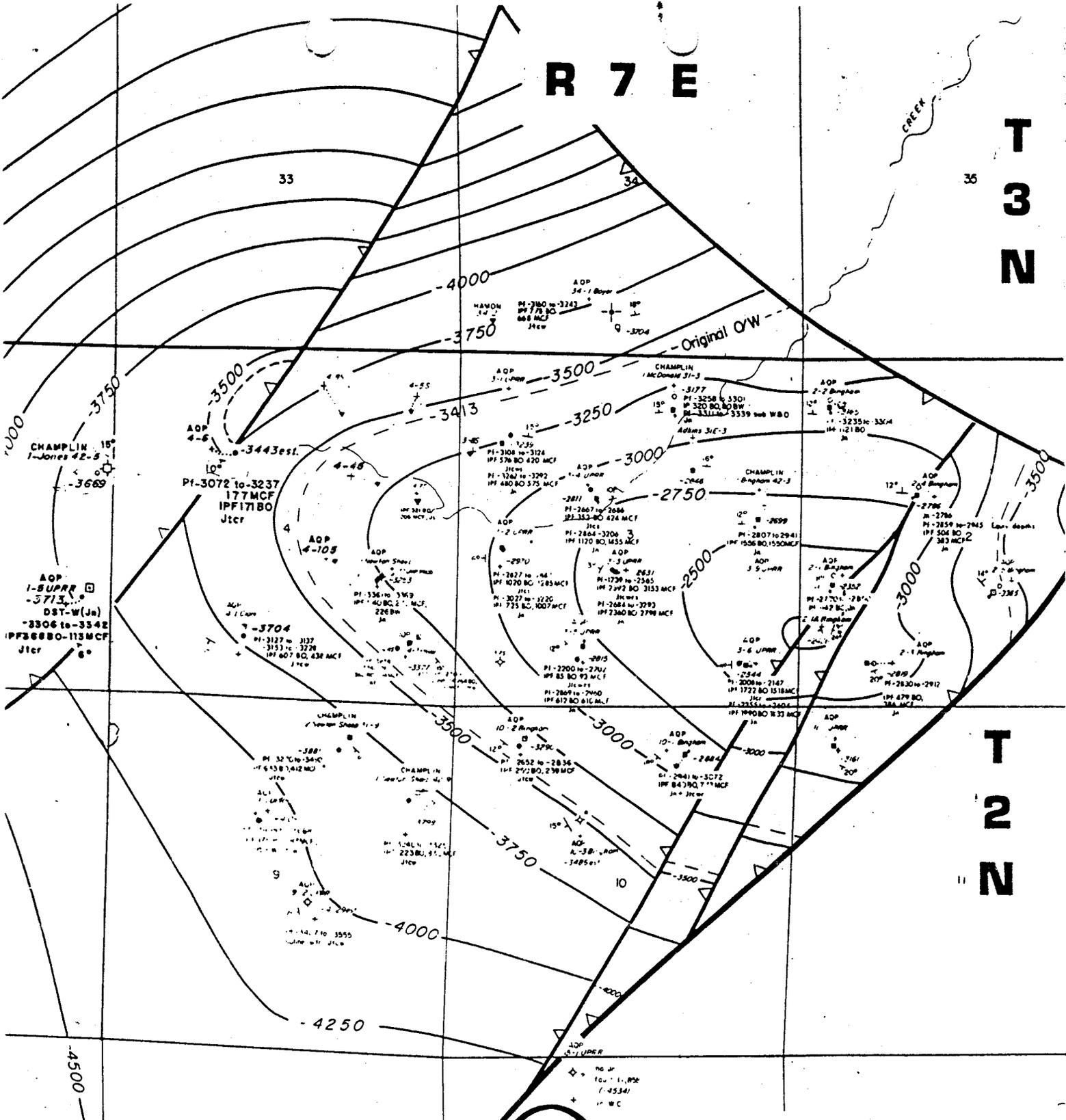


(Na value in above graphs includes Na, K, and Li)
NOTE: Mg/l=Milligrams per liter Meq/l= Milligram equivalents per liter
Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components

R 7 E

T 3 N

T 2 N



AMERICAN QUASAR PETROLEUM CO. OF NEW MEXICO
 707 United Bank Building 1700 Broadway, Denver, Colorado 80202 Phone 303 684827

PINEVIEW AREA
 SUMMIT COUNTY, UTAH
 STRUCTURE CONTOUR MAP

ON NUGGET FORMATION
 C.I. = 250'

SCALE 1" = 2,000'

DESIGNED BY T.R. BLAZZARD	CHECKED BY	DRAWN BY DM	DATE 9-13-83
------------------------------	------------	----------------	-----------------

BASIN LABORATORIES
75 W. 200 N. (73-10)
Roosevelt, UT 84066
(801) 722-4511

CERTIFICATE OF ANALYSIS
Water Analysis Report

Date: March 22, 1983

Company: American Quasar

Laboratory Number: 830069

Sample Description: Water Disposal Water

Sample Date: March 10, 1983

Submitted by: Paul Smith

Component	MG/l (ppm)	Meq/l
Calcium (Ca+2)	1520	76.0
Magnesium (Mg+2)	206	17.2
Sodium (Na+)		
Bicarbonate (HCO3--)	170	2.8
Carbonate (CO3-2)	0	0
Chloride (Cl-)	24200	681.7
Sulfate (SO4-2)	140	1.5

Total Alkalinity (as Calcium Carbonate): 279 mg/l

Total Hardness (as Calcium Carbonate): 4660 mg/l

pH: 7.02

Resistivity (Ohm-m): Not determined

BASIN LABORATORIES
75 W. 200 N. (73-10)
Roosevelt, UT 84066
(801) 722-4511

CERTIFICATE OF ANALYSIS
Water Analysis Report

Date: March 22, 1983

Company: American Quasar

Laboratory Number: 8300-70

Sample Description: Water Disposal Water

Sample Date: March 10, 1983

Submitted by: Paul Smith

Component	Mg/l (ppm)	Meq/l
Calcium (Ca+2)	1100	55.0
Magnesium (Mg+2)	192	16.0
Sodium (Na+)		
Bicarbonate (HCO3-)	286	4.7
Carbonate (CO3-2)	0	0
Chloride (Cl-)	18500	521.1
Sulfate (SO4-2)	178	1.9

Total Alkalinity (as Calcium Carbonate): 469 mg/l

Total Hardness (as Calcium Carbonate): 3550 mg/l

pH: 7.57

Resistivity (Ohm-m): 0.238

Form UIC 10
August, 1982

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

WELL INTEGRITY REPORT

Date 3/30/83

Water Disposal Well Enhanced Recovery Well _____ Other _____

DOGM/UIC Cause Number _____

Company American Quasar

Address _____

City and State _____ Zip Code _____

Lease Name or Number _____ Well Name or Number Bingham 10-3

API Well Number 43-043-30097 Location SE 1/4 of NW 1/4 of _____

Section 10 Township 2N Range 7E County Summit

Present at Completion: _____ Yes No

Casing Tested in My Presence: Yes _____ No Pressure 1000 PSI 15 Minutes

Packer Tested in My Presence: Yes _____ No Pressure 1000 PSI 15 Minutes

Surface-Prod. Csg. Annulus _____ PSI Prod. Csg.-Tubing Annulus 1000 PSI

Disposed/Injected Water Sample Taken:
_____ Yes No (Attach water analysis when obtained)

This well seems to be completed in accordance with DOGM Rule I:
Yes No _____. If NO, write report.

Remarks: Well had 300 psi on Annulus when opened.

I hereby certify that this report is true and complete to the best of my knowledge.

Name of Operator _____

(Signature) (Title)

[Signature]
DOGM Field Inspector

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

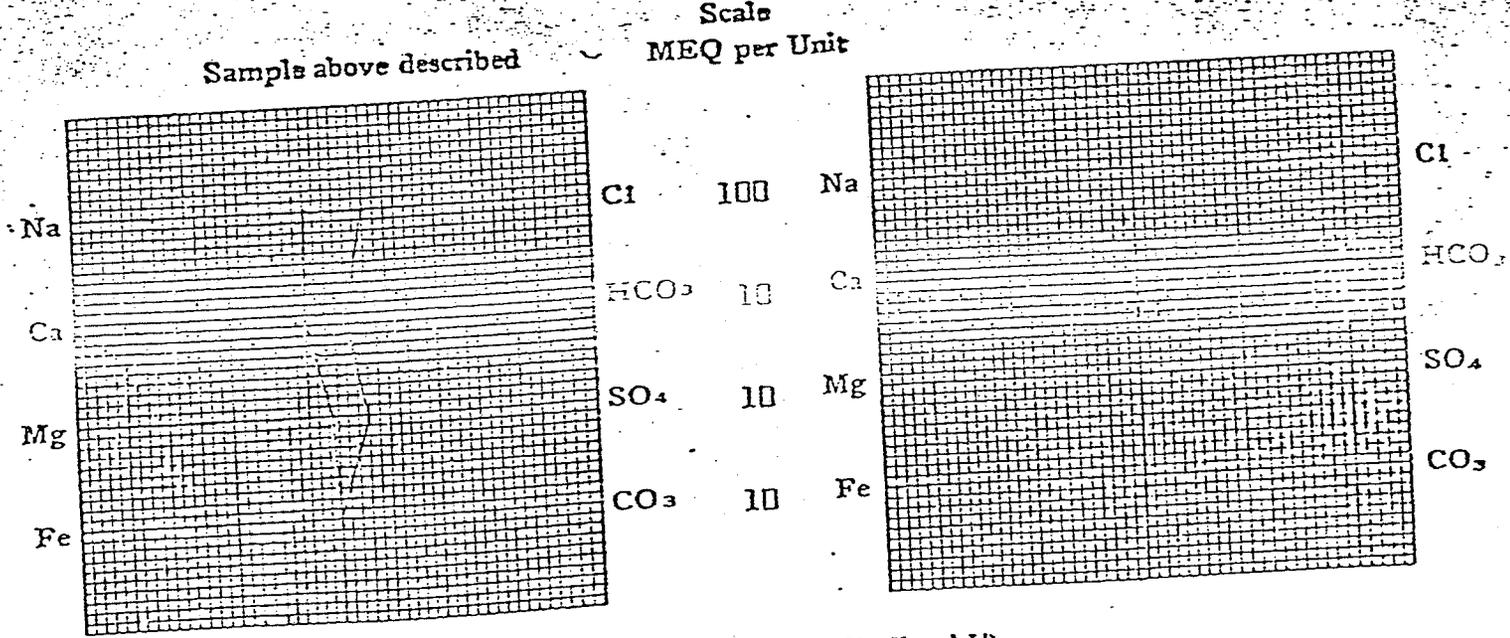
OPERATOR American Quasar Petroleum Co. DATE September 29, 1978 LAB NO. 28805-9
 WELL NO. 10-1 Bingham LOCATION _____
 FIELD Pineview FORMATION Twin Creek
 COUNTY Summit INTERVAL _____
 STATE Utah SAMPLE FROM Treater [9-14-78]

REMARKS & CONCLUSIONS:

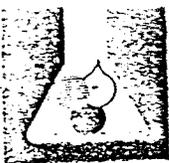
Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	8512	374.64	Sulfate	1650	34.32
Potassium	490	12.54	Chloride	13400	377.88
Lithium	567	28.29	Carbonate	-	-
Calcium	99	7.73	Bicarbonate	621	11.00
Magnesium	-	-	Hydroxide	-	-
Iron	-	-	Hydrogen sulfide	-	-
Total Cations	-	423.20	Total Anions	-	423.20

Total dissolved solids, mg/l	25143	Specific resistance @ 68°F.:	0.35	ohm-meters
NaCl equivalent, mg/l	24235	Observed	0.28	ohm-meters
Observed pH	7.2	Calculated	-	

WATER ANALYSIS PATTERN



(Na value in above graphs includes Na, K, and Li)
 NOTE: Mg/l = Milligrams per Liter Meq/l = Milligram equivalents per liter
 Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components



WIL RESEARCH LABORATORIES

P.O. Box 266

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-5262
 SAMPLE TAKEN 6-22-78
 SAMPLE RECEIVED 6-30-78
 RESULTS REPORTED 7-6-78

SAMPLE DESCRIPTION _____ FIELD NO. _____
 COMPANY American Quasar LEASE _____ WELL NO. Bingham
 FIELD _____ COUNTY _____ STATE _____ 2-2
 SAMPLE TAKEN FROM Well Head
 PRODUCING FORMATION _____ TOP _____
 REMARKS _____

SAMPLE TAKEN BY _____

CHEMICAL AND PHYSICAL PROPERTIES

SPECIFIC GRAVITY @60/60° F. 1.0205 pH 6.44 RES. 0.49 OHM METERS @ 77°F

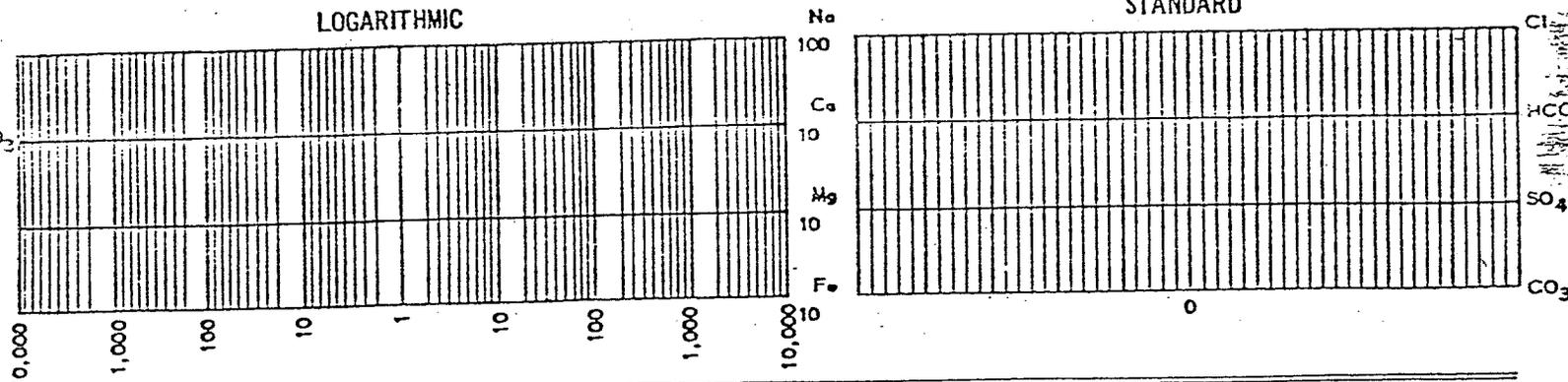
TOTAL HARDNESS 1606.0 mg/L as CaCO₃ TOTAL ALKALINITY 506.0 mg/L as CaCO₃

CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L	REMARKS
CALCIUM - Ca ++	549.0	27.45	
MAGNESIUM - Mg ++	56.1	4.60	
SODIUM - Na +	9190.0	399.57	
BARIUM (INCL. STRONTIUM) - Ba ++	1.72	0.03	
TOTAL IRON - Fe ++ AND Fe +++	2.3	0.08	431.7
BICARBONATE - HCO ₃ ⁻	308.7	5.06	
CARBONATE - CO ₃ ⁼⁼	0	0	
SULFATE - SO ₄ ⁼⁼	1030.0	21.46	
CHLORIDE - CL ⁻	14297.0	402.73	429.3
TOTAL DISSOLVED SOLIDS	28120.0		

MILLEQUIVALENTS PER LITER

LOGARITHMIC

STANDARD



ANALYST _____

CHECKED _____

Saltwater Disposal

	NO	Y	Y	NO
	UPRR	Bingham	UPRR	JONES
	11-1	10-3	5-1	1 42-5
Watch	Surf			
Echo Frontline	2128		1960	
Aspen	3103		2306	
Bear River	3346		2728	
Kelvin Morr	3650	1827	5820	
Stump	5783	6103	6890	
Prives	6318	6576	7380	
Lvs. Cr.	8400	8968	8838	
Nugget	10160	10200	10222	
	July 79	Sept 79	MAR 78	MAR 80
PBTD	6403 (7')	6550	10 534	6460
INTERVAL	6130-6316	5990-6575	10201-10350	6262-6404
	Stump	Stump	Nugget	Stump
Ø		9%		
K				
Quality Resv			not to exceed .65/	
TDS		12,500 PPM.	fraction gradient	
Injection				
TDS		25,000 ppm		
MAX		10,000 bbls/d	10000	

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

SUBMIT APPLICATION*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR <u>Champlin Petroleum Company</u></p> <p>3. ADDRESS OF OPERATOR <u>PO Box 700, Rock Springs, Wyoming 82902</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) <u>At surface</u></p>		<p>5. LEASE DESIGNATION AND SERIAL NO.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO.</p> <p>10. FIELD AND POOL, OR WILDCAT <u>Pineview</u></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DT, RT, OR, etc.)</p>	<p>12. COUNTY OR PARISH <u>Summit</u></p> <p>13. STATE <u>Utah</u></p>

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

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

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

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

WELLS

LOCATION

Newton Sheep 4-6	C NW, Sec 4, T2N, R7E
Pineview 4-7	SE NE, Sec 4, T2N, R7E
State 4-8	NW NE, Sec 4, T2N, R7E
Newton Sheep 4-9	SW NE, Sec 4, T2N, R7E
Newton Sheep 4-10	NW SE, Sec 4, T2N, R7E
Newton Sheep 4-11	NE SW, Sec 4, T2N, R7E
State 4-12	NE NW, Sec 4, T2N, R7E
UPRR 5-1	SE SE, Sec 5, T2N, R7E
Jones #1 (42-5)	SE NE, Sec 5, T2N, R7E
UPRR 9-1	SE NE, Sec 9, T2N, R7E
UPRR 9-2	NE SE, Sec 9, T2N, R7E
UPRR 11-1	NW NW, Sec 11, T2N, R7E
UPRR 15-1	NE NW, Sec 15, T2N, R7E
Boyer 34-1	SE SW, Sec 34, T2N, R7E

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

SIGNED *A. M. Schram* TITLE Production Superintendent DATE March 27, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CLASS II FILE NOTATIONS

DATE FILED: 4-5-85 OPERATOR: American Quazar WELL NO. 10-3 Burlington

Sec. 10 T. 2N R. 7E QRT/QRT: SENW COUNTY: Summit

New Well? Conversion? Disposal Enhanced Recovery

SURETY/Bond? Card Indexed? API Number: 43-043-30097

APPLICATION FILE COMPLETION

Completed Form DOGM-UIC-1?

Plat identifying location and total depth of the following, Rule I-5(b)(1):

Surface Owner(s): 2 Operators: 2 water well(s) 0, abandoned well(s) 0, producing wells or drilling well(s) 3, dry holes 0.

Completed Rule I-5(b)(2)? NR, (i) _____, (ii) _____

Schematic diagram of Well: TD: 10,200, PBTD: 6530, Depth of Inj/Disp interval: 6356-6470, geologic name of inj/dis interval STUMP

Casing and cement: top 4100, bottom 7200, Size of: casing 13 3/4 at 60'

95 cut 1542 5 1/2 at 10200 tubing 2 1/2 at, depth of packer: 6007

Assessment of existing cement bond: _____
Location of Bottomhole: SENW sec 10. MAXIMUM INJECTION RATE: 10,000 BPD
MAXIMUM SURFACE INJECTION PRESSURE: 2500 PSI.

Proposed Operating Data:

Procedure for controlling injection rates and pressures: switches - meters
Geologic name: NV9927, depth, 10,200, location of injection fluid source. Analysis of water to be injected 26,000 tds, water of injection formation 25,143 tds., EXEMPTION REQUIRED? NO.

Injection zone and confining zone data: lithologic description Sandstone - congl. shale - silt
geologic name STUMP, thickness 3456, depth _____,
lateral extent 922

USDW's that may be affected by injection: geologic name Wabash,
lateral extent _____, depth to the top and bottom of all known
USDW's 2900'

Contingency plans? _____

Results of formation testing? .922 Fracture gradient
Description of mechanical integrity test 1000 PSI 15min, injection procedure _____

CHECKED BY: UIC ADMINISTRATOR: [Signature]

UIC GEOLOGIST: _____

Application Complete? _____ Notice Published _____, Date: 1/1.
DIRECTOR: Approved? _____, approval letter sent _____, Requires hearing _____.

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

76

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

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

1. OIL WELL [X] GAS WELL [] OTHER []
2. NAME OF OPERATOR Champlin Petroleum Company
3. ADDRESS OF OPERATOR PO Box 700, Rock Springs, Wyoming 82902
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface.
14. PERMIT NO.
15. ELEVATIONS (Show whether DT, RT, OA, etc.)

5. LEASE DESIGNATION AND SERIAL NO.
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Bingham
9. WELL NO. 10-3
10. FIELD AND POOL, OR WILDCAT Pineview
11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec 10 T2N-7E
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: TEST WATER SHUT-OFF, FRACTURE TREAT, SHOOT OR ACIDIZE, REPAIR WELL, FULL OR ALTER CASING, MULTIPLE COMPLETE, ABANDON*, CHANGE PLANS
SUBSEQUENT REPORT OF: WATER SHUT-OFF, FRACTURE TREAT, SHOOTING OR ACIDIZING, (Other) Change of Operator, REPAIRING WELL, ALTERING CASING, ABANDONMENT* [X]

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.)
Effective April 1, 1985, Champlin Petroleum Company will assume operation of the Pineview Field, Summit County, Utah from American Quasar Petroleum Company. All further correspondence should be addressed to: Champlin Petroleum Company, P.O. Box 700, Rock Springs, Wyoming 82902.

The following wells are included in the Pineview Field, Summit County, Utah.
Table with columns: WELLS, LOCATION, WELLS, LOCATION. Lists wells like Bingham 2-1, UPRR 3-4, etc.

18. I hereby certify that the foregoing is true and correct
SIGNED S.M. Schram TITLE Production Superintendent DATE March 27, 1985
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



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

September 4, 1985

Champlin Petroleum Company
P.O. Box 700
Rock Spring, Wyoming 82902

Gentlemen:

RE: Disposal Well #10-3, T2N, R7E, Section 10, Summit County, Utah

During a recent inspection of the above referenced well, excessive pressure was observed on the casing-tubing annulus. Since this could indicate a leak in the casing, tubing or packer please advise the Division of any circumstances which might cause this pressure.

Your prompt reply is requested so that a determination might be made as to correcting this situation or initiating further monitoring or testing requirements.

Sincerely,

A handwritten signature in black ink, appearing to read 'Gil Hunt'.

Gil Hunt

mfp
0156U-37

BAROID TREATING CHEMICALS

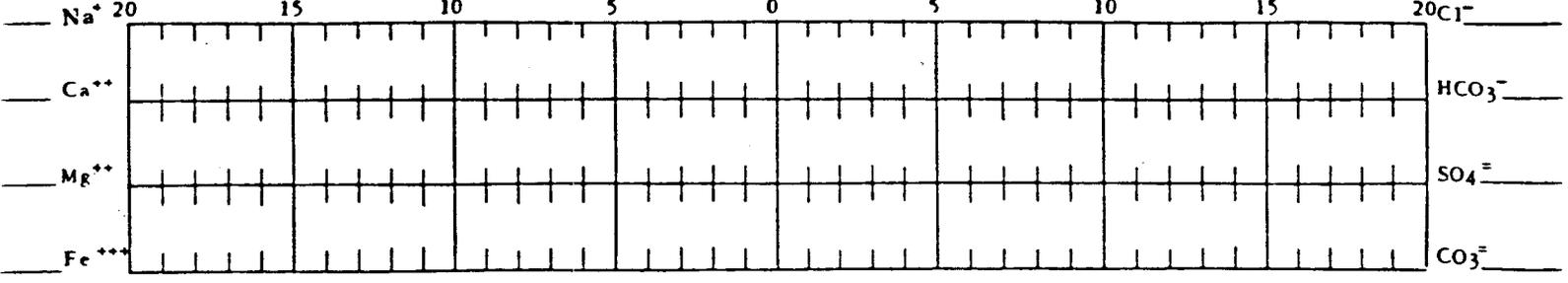
RECEIVED
 APR 10 1987

Bingham 10-3

COMPANY Champlin Petroleum 2N TE Seid		SHEET NUMBER 13	
WELL ID Pineview		COUNTY OR PARISH Summit	DATE 2/19/87
DIVISION OF OIL, GAS & MINING		STATE Utah	
PLANT OR UNIT Transfer Plant	WELL(S) NAME OR NO.	WATER SOURCE (FORMATION)	
DEPTH, FT.	BHT, F	SAMPLE SOURCE Filter outlet	TEMP, F
DATE SAMPLED 2/19/87		TYPE OF WATER	
		<input type="checkbox"/> PRODUCED	<input type="checkbox"/> SUPPLY
		<input type="checkbox"/> WATERFLOOD	<input checked="" type="checkbox"/> SALT WATER DISPOSAL

WATER ANALYSIS PATTERN

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



DISSOLVED SOLIDS

ANIONS	me/l*	mg/l*
Total Hardness	<u>88</u>	
Calcium, Ca ⁺⁺	<u>49.6</u>	<u>992</u>
Magnesium, Mg ⁺⁺	<u>38.4</u>	<u>468.48</u>
Iron (Total) Fe ⁺⁺⁺		<u>10</u>
Barium, Ba ⁺⁺		
Sodium, Na ⁺ (calc.)	<u>294.13</u>	<u>6764.99</u>

DISSOLVED GASES

Hydrogen Sulfide, H ₂ S	_____ mg/l*
Carbon Dioxide, CO ₂	_____ mg/l*
Oxygen, O ₂	_____ mg/l*

PHYSICAL PROPERTIES

pH	<u>7.1</u>
Eh (Redox Potential)	_____ MV
Specific Gravity	_____
Turbidity, JTU Units	_____
Total Dissolved Solids (calc.)	<u>26295</u> mg/l*
Stability Index	<input type="checkbox"/> F _____
	<input type="checkbox"/> F _____
CaSO ₄ Solubility	<input type="checkbox"/> F _____ mg/l*
	<input type="checkbox"/> F _____ mg/l*
Max. CaSO ₄ Possible (calc.)	_____ mg/l*
Max. BaSO ₄ Possible (calc.)	_____ mg/l*
Residual Hydrocarbons	_____ ppm(Vol Vol)

ANIONS	me/l*	mg/l*
Chloride, Cl ⁻	<u>371.83</u>	<u>13200</u>
Sulfate, SO ₄ ⁼	<u>87.5</u>	<u>4200</u>
Carbonate, CO ₃ ⁼	<u>0</u>	<u>0</u>
Bicarbonate, HCO ₃ ⁼	<u>10.8</u>	<u>658.8</u>
Hydroxyl, OH ⁻	<u>0</u>	<u>0</u>
Sulfide, S ⁼	<u>0</u>	<u>0</u>

SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide Iron Oxide Calcium Carbonate Acid Insoluble

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

REMARKS AND RECOMMENDATIONS:

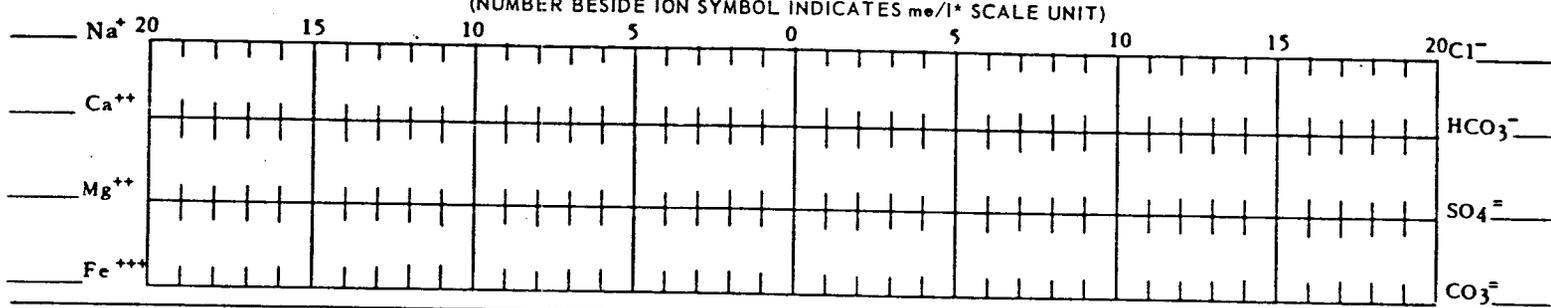
ETC ENGINEER Patrick O'Rourke	DIST. NO. 810	ADDRESS Evanston, Wy.	OFFICE PHONE (307) 789-1355	HOME PHONE 789-6541
ANALYZED	DATE	DISTRIBUTION	<input type="checkbox"/> CUSTOMER <input type="checkbox"/> AREA OR DISTRICT OFFICE <input type="checkbox"/> ETC ENGINEER OR ETC LAB <input type="checkbox"/> ETC SALES SUPERVISOR	

RECEIVED WATER ANALYSIS REPORT
BAROID TREATING CHEMICALS

APR 10 1987

COMPANY CHAMPLIN PETROLEUM COMPANY		DIVISION OF OIL, GAS & MINING		SHEET NUMBER
FIELD PINEVIEW		COUNTY OR PARISH SUMMIT		DATE 4/6/87
LEASE OR UNIT LODGEPOLE		WELL(S) NAME OR NO. Judd 34-2		STATE UTAH
DEPTH. FT.	BHT. F	SAMPLE SOURCE	TEMP. F	WATER, BBL/DAY
DATE SAMPLED 4/2/87		TYPE OF WATER <input checked="" type="checkbox"/> PRODUCED <input type="checkbox"/> SUPPLY <input type="checkbox"/> WATERFLOOD <input checked="" type="checkbox"/> SALT WATER DISPOSAL		OIL, BBL/DAY
				GAS, MMCF/DAY

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



DISSOLVED SOLIDS

CATIONS	me/l*	mg/l*
Total Hardness	36.7	--
Calcium, Ca ⁺⁺	26.7	534.0
Magnesium, Mg ⁺⁺	10.0	122.0
Iron (Total) Fe ⁺⁺⁺	0.7	12.5
Barium, Ba ⁺⁺	0	0
Sodium, Na ⁺ (calc.)	478.0	10,994.0
ANIONS		
Chloride, Cl ⁻	504.2	17,900.0
Sulfate, SO ₄ ⁼	0	0
Carbonate, CO ₃ ⁼	0	0
Bicarbonate, HCO ₃ ⁻	11.2	683.2
Hydroxyl, OH ⁻	0	0
Sulfide, S ⁼	trace	0.4

DISSOLVED GASES

Hydrogen Sulfide, H ₂ S	mg/l*
Carbon Dioxide, CO ₂	mg/l*
Oxygen, O ₂	mg/l*

PHYSICAL PROPERTIES

pH	6.9
Eh (Redox Potential)	MV
Specific Gravity	
Turbidity, JTU Units	
Total Dissolved Solids (calc.)	30,246.1 mg/l*
Stability Index @ ___ F	
CaSO ₄ Solubility @ ___ F	mg/l*
Max. CaSO ₄ Possible (calc.)	mg/l*
Max. BaSO ₄ Possible (calc.)	mg/l*
Residual Hydrocarbons	ppm(Vol/Vo)

SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide Iron Oxide Calcium Carbonate Acid Insoluble

REMARKS AND RECOMMENDATIONS:

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

BTC ENGINEER Pat O'Rourke	DIST. NO. 810	ADDRESS Rock Springs	OFFICE PHONE 382-3466	HOME PHONE
ANALYZED	DATE	DISTRIBUTION <input type="checkbox"/> CUSTOMER <input type="checkbox"/> BTC ENGINEER OR	<input type="checkbox"/> AREA OR <input type="checkbox"/> BTC LAB	<input type="checkbox"/> DISTRICT OFFICE <input type="checkbox"/> BTC SALES SUPERVISOR

BAROID TREATING CHEMICALS

RECEIVED
 APR 10 1987

UPRR 11-1

SHEET NUMBER
 DATE

2/19/87
 STATE

COMPANY: **Champlin Petroleum** *2N 7E Sec 11*
 FIELD: **Pineview**
 COUNTY OR PARISH: **Summit**
 DIVISION OF: **OIL, GAS & MINING**
 WELL(S) NAME OR NO.:
 WATER SOURCE (FORMATION):
 CASE OR UNIT: **Transfer Plant**
 DEPTH, FT.: BHT, F: SAMPLE SOURCE: **Filter outlet** TEMP, F: WATER, BBL/DAY: OIL, BBL/DAY: GAS, MMCF/DAY:
 DATE SAMPLED: **2/19/87**
 TYPE OF WATER:
 PRODUCED SUPPLY WATERFLOOD SALT WATER DISPOSAL

WATER ANALYSIS PATTERN

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

Na ⁺ 20	15	10	5	0	5	10	15	20 Cl ⁻
Ca ⁺⁺								HCO ₃ ⁻
Mg ⁺⁺								SO ₄ ⁼
Fe ⁺⁺⁺								CO ₃ ⁼

DISSOLVED SOLIDS

CATIONS	me/l*	mg/l*
Total Hardness	88	
Calcium, Ca ⁺⁺	49.6	992
Magnesium, Mg ⁺⁺	38.4	468.48
Iron (Total), Fe ⁺⁺⁺		10
Barium, Ba ⁺⁺		
Sodium, Na ⁺ (calc.)	294.13	6764.99

DISSOLVED GASES

Hydrogen Sulfide, H ₂ S	mg/l*
Carbon Dioxide, CO ₂	mg/l*
Oxygen, O ₂	mg/l*

PHYSICAL PROPERTIES

pH	7.1
Eh (Redox Potential)	MV
Specific Gravity	
Turbidity, JTU Units	
Total Dissolved Solids (calc.)	26295 mg/l*
Stability Index	<input type="checkbox"/> F
CaSO ₄ Solubility	<input type="checkbox"/> F
Max. CaSO ₄ Possible (calc.)	mg/l*
Max. BaSO ₄ Possible (calc.)	mg/l*
Residual Hydrocarbons	ppm (Vol Vol)

CATIONS	me/l*	mg/l*
Chloride, Cl ⁻	371.83	13200
Sulfate, SO ₄ ⁼	87.5	4200
Carbonate, CO ₃ ⁼	0	0
Bicarbonate, HCO ₃ ⁻	10.8	658.8
Hydroxyl, OH ⁻	0	0
Sulfide, S ⁼	0	0

SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide Iron Oxide Calcium Carbonate Acid Insoluble

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

REMARKS AND RECOMMENDATIONS:

ETC ENGINEER: **Patrick O'Rourke** DIST. NO.: **810** ADDRESS: **Evanston, Wy.** OFFICE PHONE: **(307) 789-1355** HOME PHONE: **789-6541**
 ANALYZED: DATE: DISTRIBUTION: CUSTOMER AREA OR DISTRICT OFFICE
 ETC ENGINEER OR ETC LAB ETC SALES SUPERVISOR

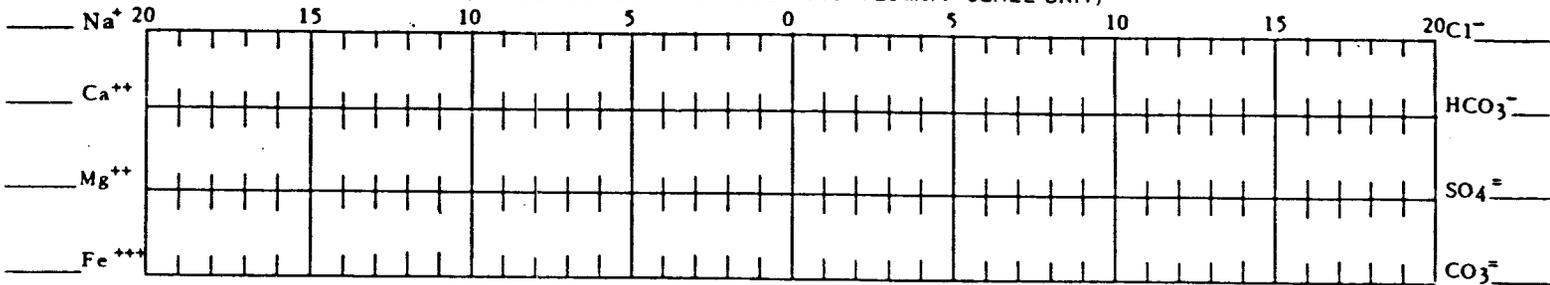
BAROID TREATING CHEMICALS

RECEIVED
WATER ANALYSIS REPORT
 APR 10 1987

COMPANY CHAMPLIN PETROLEUM COMPANY		DIVISION OF OIL, GAS & MINING		SHEET NUMBER
FIELD PINEVIEW		COUNTY OR PARISH SUMMIT	DATE 4/6/87	STATE UTAH
LEASE OR UNIT LODGEPOLE	WELL(S) NAME OR NO. Judd 34-2	WATER SOURCE (FORMATION) Co-mingled		
DEPTH, FT.	BHT, F	SAMPLE SOURCE	TEMP, F	WATER, BBL/DAY
				OIL, BBL/DAY
				GAS, MMCF/DAY
DATE SAMPLED 4/2/87		TYPE OF WATER <input checked="" type="checkbox"/> PRODUCED <input type="checkbox"/> SUPPLY <input type="checkbox"/> WATERFLOOD <input checked="" type="checkbox"/> SALT WATER DISPOSAL		

WATER ANALYSIS PATTERN

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



DISSOLVED SOLIDS

CATIONS	me/l*	mg/l*
Total Hardness	36.7	--
Calcium, Ca ⁺⁺	26.7	534.0
Magnesium, Mg ⁺⁺	10.0	122.0
Iron (Total) Fe ⁺⁺⁺	0.7	12.5
Barium, Ba ⁺⁺	0	0
Sodium, Na ⁺ (calc.)	478.0	10,994.0

DISSOLVED GASES

Hydrogen Sulfide, H ₂ S	_____ mg/l*
Carbon Dioxide, CO ₂	_____ mg/l*
Oxygen, O ₂	_____ mg/l*

ANIONS	me/l*	mg/l*
Chloride, Cl ⁻	504.2	17,900.0
Sulfate, SO ₄ ⁼	0	0
Carbonate, CO ₃ ⁼	0	0
Bicarbonate, HCO ₃ ⁻	11.2	683.2
Hydroxyl, OH ⁻	0	0
Sulfide, S ⁼	trace	0.4

PHYSICAL PROPERTIES

pH	6.9
Eh (Redox Potential)	_____ MV
Specific Gravity	_____
Turbidity, JTU Units	_____
Total Dissolved Solids (calc.)	30,246.1 mg/l*
Stability Index @ ___ F	_____
@ ___ F	_____
CaSO ₄ Solubility @ ___ F	_____ mg/l*
@ ___ F	_____ mg/l*
Max. CaSO ₄ Possible (calc.)	_____ mg/l*
Max. BaSO ₄ Possible (calc.)	_____ mg/l*
Residual Hydrocarbons	_____ ppm(Vol/Vol)

SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide Iron Oxide Calcium Carbonate Acid Insoluble

REMARKS AND RECOMMENDATIONS:

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

BTC ENGINEER Pat O'Rourke	DIST. NO. 810	ADDRESS Rock Springs	OFFICE PHONE 382-3466	HOME PHONE
ANALYZED	DATE	DISTRIBUTION <input type="checkbox"/> CUSTOMER <input type="checkbox"/> AREA OR <input type="checkbox"/> DISTRICT OFFICE <input type="checkbox"/> BTC ENGINEER OR <input type="checkbox"/> BTC LAB <input type="checkbox"/> BTC SALES SUPERVISOR		

UIC



Union Pacific Resources

A Subsidiary of Union Pacific Corporation

May 22, 1987

RECEIVED
MAY 22 1987

STATE OF UTAH
DIV OF OIL GAS & MINING
355 W NORTH TEMPLE
3 TRIAD CENTER STE 350
SALT LAKE CITY UT
84180

DIVISION OF
OIL, GAS & MINING

RE: Corporate Name Change

Effective May 11, 1987, ~~Champlin Petroleum Company (Champlin)~~ changed its name to ~~Union Pacific Resources Company (UPRC)~~ to better identify Champlin with its parent company, Union Pacific Corporation.

Henceforth, all activities formerly conducted under the name Champlin will continue without interruption under the name UPRC.

Remittance addresses, telephone numbers, lockboxes, and bank accounts will not be affected as a result of this name change. Our federal tax identification number (73-0739973) will not be changed. Therefore, it will not be necessary to suspend any payments due UPRC and UPRC hereby requests that all payments formerly made in the name of Champlin be paid, without interruption, to UPRC. It is understood that UPRC will indemnify and hold you harmless from any claims or liability arising out of your reliance on this letter. Similarly, invoices and billings for goods and services provided should be directed to UPRC utilizing previous Champlin addresses.

It is requested that you please update your records to reflect this change. If you have any questions regarding this name change, please contact:

Union Pacific Resources Company
P.O. Box 7, MS 3306
Fort Worth, Texas 76101-0007
Attn: Ms. Martha Chitwood

Thank you for your cooperation.

Very truly yours,

UNION PACIFIC RESOURCES COMPANY

By *Robert S. Jackson*

Vice President Finance

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

SUBMIT DUPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
OCT 23 1987

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Saltwater Disposal		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Union Pacific Resources Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 700, Rock Springs, WY 82902-0700		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SENW Sec. 10		8. FARM OR LEASE NAME Bingham
14. PERMIT NO. 43-043-30097		9. WELL NO. Bingham 10-3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6900' GR		10. FIELD AND POOL, OR WILDCAT Pineview--Stump
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T2N, R7E
		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 <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>			

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting 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 subject well was acidized September 29, 1987 in an effort to increase injectivity within the Pineview Saltwater Disposal System. The treatment consisted of 5000 gallons of 15% HCl acid.

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

SIGNED Keith J. Nosich TITLE Petroleum Engineer DATE October 20, 1987
 (This space for Federal or State office use)

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

*See Instructions on Reverse Side

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

SUB. TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO.
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <div style="text-align: center; font-size: 1.2em;">031501</div>
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Saltwater Disposal	MAR 11 1988	UNIT AGREEMENT NAME
2. NAME OF OPERATOR UNION PACIFIC RESOURCES COMPANY		8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR P.O. Box 700 Rock Springs, WY 82902-0700		9. WELL NO. See Below
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		10. FIELD AND POOL, OR WILDCAT Pineview-Stump (SWD)
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA See Below
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Change of Status <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

The following wells, with the exception of UPRR 15-1, were shut-in February 24, 1988 to reduce disposal volumes into the overpressured Stump reservoir. The UPRR 15-1 was shut-in March 4, 1988. The wells will remain in a shut-in status and will only be utilized in emergency situations.

Well Name	Location	
UPRR 3-5	SESW Sec. 3, T2N, R7E	43-043-30035 SWW
UPRR 11-1	NWNW Sec. 11, T2N, R7E	43-043-30027 W1W
UPRR 15-1	NENW Sec. 15, T2N, R7E	43-043-30080 W1W
Boyer 34-1	SESW Sec. 34, T2N, R7E	43-043-30034 W1W
Bingham 10-3	SESW Sec. 10, T2N, R7E	43-043-30097 W1W

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

SIGNED <u>Keith J. Nosich</u>	TITLE Petroleum Engineer	DATE 3/8/88
(This space for Federal or State office use)		

APPROVED BY _____ **TITLE** _____ **DATE** _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
INJECTION WELL - PRESSURE TEST

TEST DATE: 11/14/89 WELL OWNER/OPERATOR: VPRC
DISPOSAL WELL: ENHANCED RECOVERY WELL: OTHER:
API NO: 43-043-30097 WELL NAME/NUMBER: 10-3
SECTION: 10 TOWNSHIP: 2N RANGE: 7E

INITIAL CONDITIONS:

TUBING - rate: ~~1400~~ pressure: 1400
CASING/TUBING ANNULUS - pressure: 0

CONDITIONS DURING TEST:

TUBING pressure: 1400 psi for 15 minutes
CASING/TUBING ANNULUS pressure: 1000 psi
annulus pressure drop during test: 0 psi

CONDITIONS AFTER TEST:

TUBING pressure: _____ psi
CASING/TUBING ANNULUS pressure: _____ psi

REMARKS:

Passed MIT

Jack Simkins
OPERATOR REPRESENTATIVE

[Signature]
DOGDM WITNESS

Union Pacific Resources

22-Oct-96

Daily Completion and Workover Report

Day #1

Proposed Work: Plug and Abandon

Team: Overthrust

PC: Land Grant

Field: Pineview

Lse: BING 10-3

Supervisor: Smith

Rig: Cannon

Casing & Tubing

OD	WI	Grade	Remarks
9 5/8"	36		1542'
5 1/2"	17	K-55	10200'

PBTD: 6550' CICR

Packer Detail

Anchor set @

MD Type

Remarks

Perfs. 6356' to 6372' 6378'-6385' 6387-6402'

6406' - 6470' w/ 4 spf

Operations

From To

From	To	Operations
00:00		MIRU Cannon Well Service
		ND Wellhead NU BOP
		Dig pit to flow back well into while working
		Haul in 195 jts 2 7/8" L-80 tbg for work string
		Release packer
		TOH laying down 19 jts
		Close in well

NOTE:

BHA

Qty	Description	Length
	KB	16.00
188	JTS J-55 2 7/8" 8RD	6007.00
1	Model R Double grip Packer	2.75
Total BHA		6025.75

Costs

Qty	Description	Cost
	Rig	\$1,996
	BOP	\$310
	F-Tnk 6 days	\$0
	Centralift	\$0
	Western Co.	\$0
	Trucking	\$1,752
	Baker (relief sub) redress	\$0
	Dalbo	\$600
	Double Eagle	\$960
	Spooler	\$0
Total Daily Cost		\$5,618
Cumulative Cost to Date		\$5,618

Post-It® Fax Note 7671

To	Bill Bezelton	Date		# of pages	▶
Co./Dept.		From	Smith P.R.		
Phone #		Co.			
Fax #		Phone #	336-5631		
		Fax #			

Union Pacific Resources

24-Oct-96

Daily Completion and Workover Report

Day #3

Proposed Work: Plug and Abandon

PC: Land Grant
Lse: BING 10-3
Rig: Cannon

Team: Overthrust
Field: Pineview
Supervisor: Smith

Casing & Tubing

OD	WT	Grade	Remarks
9 5/8"	36		1542'
5 1/2"	17	K-55	10200'

Packer Detail

MD Type

PBTD: 6550' CICR
Anchor set @
Remarks
Perfs. 6356' to 6372' 6378'- 6385' 6387-6402'
6406' - 6470' w/ 4 spf

Operations

From To

00:00		MIRU Schlumberger Dowell
		Squeeze Perfs. and set plug @ 5906'
		TOH with tbg
		Set 100' plug @ 4061'
		TOH with tbg
		Set 100' plug @ 2490'
		TOH with tbg
		Set 100' plug @ 1590'
		TOH with tbg
		ND BOP dig up well head
		Check surface CSG for pressure
		Cut window in Surface CSG Cut off 5 1/2" CSG
		Cut off surface CSG Set 80' surface plug
		Set 40' plug in 5 1/2" CSG Set dry hole marker
		Cut off 8" flowline Backfill holes

NOTE: 195 jts 2 7/8" L-80 tbg for work string

BHA

Qty	Description	Length
	KB	16.00
	P&A	
	Total BHA	16.00

Costs

Qty	Description	Cost
	Rig	\$1,960
	BOP	\$310
	Baker	\$0
	Dowell Schlumberger	\$8,000
	Rees's	\$240
	Trucking	\$300
	Baker (relief sub) redress	\$0
	Dalbo	\$650
	Double Eagle	\$450
	Spooler	\$0
	Total Daily Cost	\$11,910
	Cumulative Cost to Date	\$21,045

CEMENTING SERVICE REPORT

Schlumberger

TREATMENT NUMBER

1509-4321

DATE 12/24/94

DOWELL SCHLUMBERGER INCORPORATED

STAGE

06

DISTRICT

Rock Springs, WY

496-A PRINTED IN U.S.A.

WELL NAME AND NO. Susman 107-3 LOCATION (LEGAL) 510/24/17E RIG NAME: Lawson

WELL DATA: BIT SIZE - CSG/Liner Size, TOTAL DEPTH - WEIGHT, ROT CABLE FOOTAGE, MUD TYPE - GRADE, BHST/BHCT 140/115 THREAD, MUD DENSITY - LESS FOOTAGE SHOE JOINT(S), MUD VISC. - Disp. Capacity

WELL DATA TABLE:

WELL DATA	BOTTOM	TOP
BIT SIZE		
TOTAL DEPTH		
ROT CABLE		
MUD TYPE		
BHST/BHCT		
MUD DENSITY		
MUD VISC.		
		TOTAL

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

FLUID TYPE DEPTH, SQUEEZE JOB, TOOL TYPE DEPTH, TUBING VOLUME, CASING VOL. BELOW TOOL, TOTAL, ANNUAL VOLUME

HEAD & PLUGS: Double, Single, Swage, Knoboff, T&B SIZE 2 1/2, WEIGHT 6.5, GRADE, THREAD 8.75, D.P., SQUEEZE JOB, TOOL TYPE HELIX, DEPTH 5706

CASING/TUBING SECURED? YES NO, IFT PRESSURE, PRESSURE LIMIT, ROTATE RPM RECIPROCATATE FT No. of Centralizers

TIME	PRESSURE		VOLUME PUMPED bbl		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	T&B OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME	DATE	TIME	DATE
0800											
0810	390	-	-	-	-	H ₂ O	8.3		0630		12/24/94
0813	511	-	5	5	2.3	H ₂ O	8.3				
0818	1141	-	18.4	23.4	3.3	LIQUID	15.9				
0831	637	-	32.6	57	3.3	H ₂ O	8.3				
0841	1985	-	4	57	-	-	-				
0848	105	-	0.25	57.2	1	H ₂ O	8.3				
0856	500	-	36	93.3	3.3	H ₂ O	8.3				
0908	2	-	2	93.2	-	-	-				
1003	28	-	2.2	2.2	1.5	LIQUID	15.9				
1008	330	-	23	25.2	3.3	H ₂ O	8.3				
1018	2	-	2	25.2	-	-	-				
1101	33	-	2.2	2.2	2	LIQUID	15.9				
1103	272	-	13.8	16	3	H ₂ O	8.3				
1109	7	-	2	16	-	-	-				
1124	19	-	2.2	2.2	1.5	LIQUID	15.9				
1136	19	-	2.5	10.7	2.7	H ₂ O	8.3				
REMARKS	1141	2	2	10.7	-	-	-				

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS			SLURRY MIXED	
			CEMENT	ADDITIVE	WATER	BBL/S	DENSITY
1.	90	1.15	LEAN 6" 0.7% A14	0.1% A65	0.15% A71	18.4	15.9
2.	11	1.15	LEAN 6" 0.1% A65	0.1% A71		2.2	15.9
3.	11	1.15	LEAN 6" 0.1% A65			2.2	15.9
4.	11	1.15	LEAN 6" 0.1% A65			2.2	15.9
5.	30	1.15	LEAN 6" 2% S1			6	15.9
6.	15	1.15	LEAN 6" 2% S1			3	15.9

BREAKDOWN FLUID TYPE: VOLUME, DENSITY, PRESSURE (MAX 3981, MIN 1)

HESITATION SQ., RUNNING SQ., CIRCULATION LOST, YES NO, Cement Circulated To Surf. YES NO

BREAKDOWN: PSI FINAL 1985 PSI, DISPLACEMENT VOL. Bbls, TYPE OF WELL (OIL, GAS, STORAGE INJECTION, BRINE WATER, WILDCAT)

Washed Thru Parts: YES NO TO FT, MEASURED DISPLACEMENT, WIRELINE

PERFORATIONS: TO 6556, TO 6470, CUSTOMER REPRESENTATIVE, SUPERVISOR

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:	<u>8/8/96</u>	Well Owner/Operator:	<u>UPRC</u>
Disposal Well:	<input checked="" type="checkbox"/>	Enhanced Recovery Well:	Other:
API No.:	<u>43-043-30097</u>	Well Name/Number:	<u>10-3</u>
Section:	<u>10</u>	Township:	<u>2N</u> Range: <u>7E</u>

Initial Conditions:

Tubing - Rate: _____ Pressure: 500 psi
 Casing/Tubing Annulus - Pressure: 500 psi

Conditions During Test:

<u>Time (Minutes)</u>	<u>Annulus Pressure</u>	<u>Tubing Pressure</u>
0	<u>500</u>	<u>500</u>
5	_____	_____
10	_____	_____
15	_____	_____
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: _____ psi
 Casing/Tubing Annulus Pressure: _____ psi

REMARKS:

casing was full, pumped 10 bbls of fluid
would not pressure up. Failed MIT.
Recommend P.A.

Operator Representative _____ A. Janis
 _____ DOGM Witness



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)

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



Page 2
Union Pacific Resources
August 14, 1996

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

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.

43-043-30077
 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
 1694 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801
 801-538-5338
 801-359-3940 (Fax)

Daniel Jarvis
 Geologist



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 Permanently Plug and Abandon
UPRC Bingham 10-3 SWD
Section 10, T. 2 N., R. 7 E., SLM
Summit Juan County, Utah**

Dear Mr. Hunt:

Enclosed please find one original plus one copy of a Sundry Notice of Intent to Permanently Plug and Abandon the above referenced well located in Summit County, Utah, along with the proposed plugging procedure. We will appreciate your earliest consideration and approval of the request.

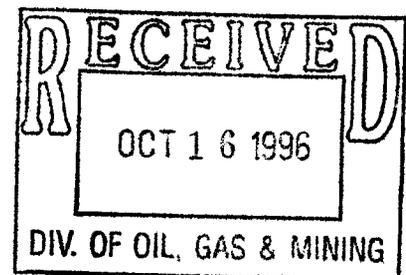
Please call me at (817) 877-7952, FAX (817) 87707942, if you have any questions or need additional information.

Yours truly,

UNION PACIFIC RESOURCES COMPANY

A handwritten signature in cursive script that reads "W. F. Brazelton".

W. F. Brazelton
Senior Regulatory Analyst



STATE OF UTAH
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

5. Lease Designation and Serial No.	Fee
6. If Indian, Allottee or Tribe Name	NA
7. Unit Agreement Name	NA
8. Well Name and Number	Bingham 10-3 SWD
9. API Well Number	43-043-30097
10. Field and Pool, or Wildcat	Pineview

1. Type of Well:
OIL () GAS () OTHER: () INJ. (X)

2. Name of Operator
Union Pacific Resources Company

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 2042' FNL, 1895' FWL Sec. 10, T. 2 N., R. 7 E. County Summit
QQ, Sec., T., R., M. NSEW Sec. 10, T. 2 N., R. 7 E. State Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

(X) Abandonment () New Construction
() Casing Repair () Pull or Alter Casing
() Change of Plans () Recompletion
() Conversion to Injection () Shoot or Acidize
() Fracture Test () Vent or Flare
() Multiple Completion () Water Shutoff
(X) Other: Sundry Request

Approximate date work will start: Upon Approval

SUBSEQUENT REPORT
(Submit Original Form Only)

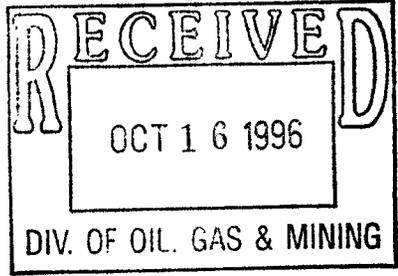
() Abandonment * () New Construction
() Casing Repair () Pull or Alter Casing
() Change of Plans () Shoot of Acidize
() Conversion to Injection () Vent or Flare
() Fracture Treat () Water Shut-Off Shutoff
() Other _____

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 permanently plug and abandon the Bingham 10-3 SWD according to the accompanying procedure. We will appreciate your prompt consideration and approval of this request.



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)

BINGHAM 10-3
STUMP SWD
SEC 10 T2N R7E

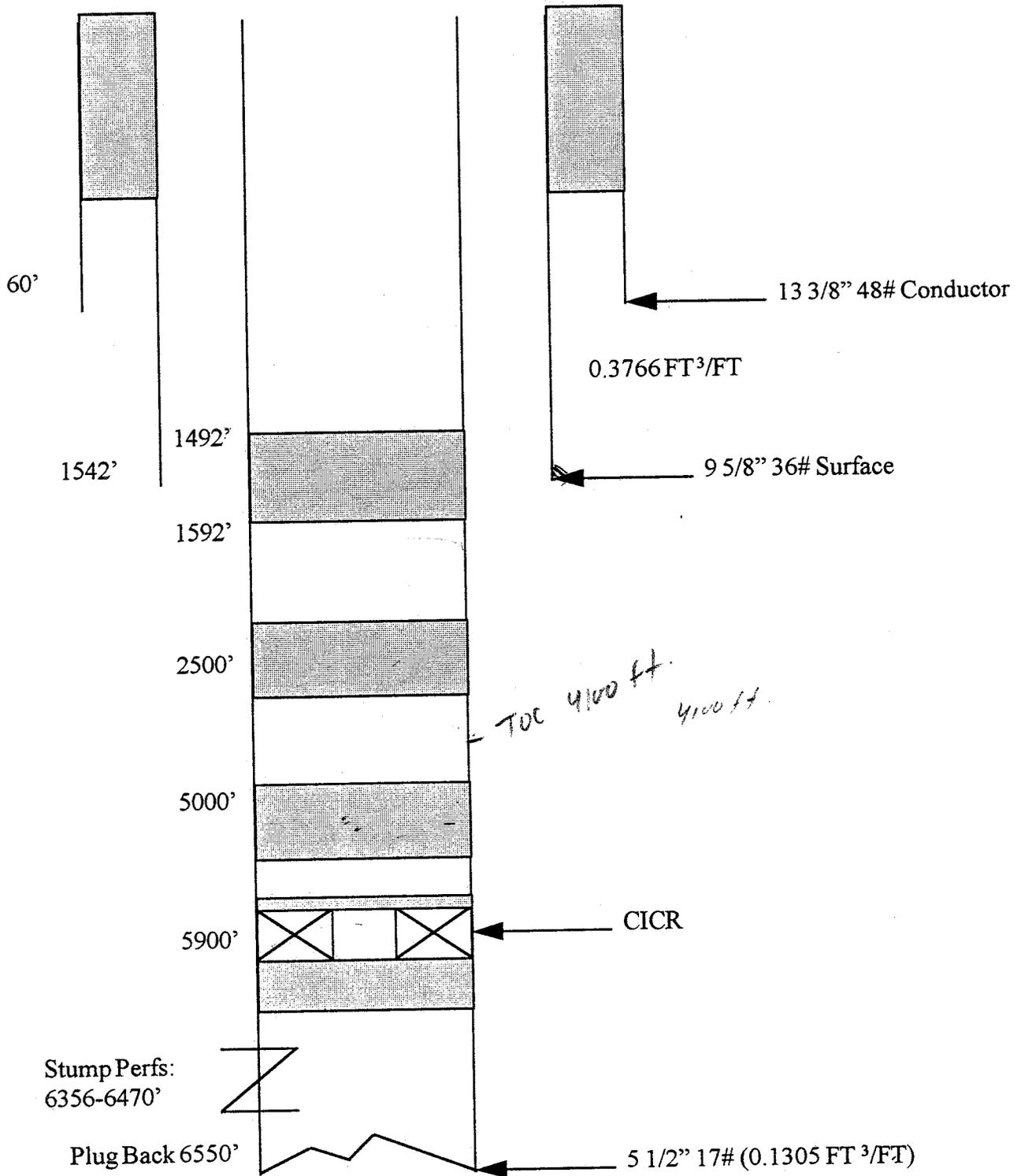
P&A Procedure

1. MIRU completion rig with circulating pump and tank. Remove tree. NU BOP.
2. Release packer and POOH. Allow a +/- 10 minutes to let the slips and element to relax.
3. PU CICR and RIH to +/- 5,900 feet. Set retainer. Mix and pump 100 FT³ (87 sxs / 17.8 BBLs) below retainer. Sting out and spot 3 FT³ (2.6 sxs / 0.5 BBL) cement on top of retainer.
4. Set 100' 13 FT³ (11 sxs / 2.3 BBLs) balanced plugs inside 5 1/2" casing at 5000', 2500', and from 1492-1592'.
5. PU casing and release slips.
6. PU 100' of 1" tubing and cement 5 1/2"x9 5/8" annulus w/ 29 FT³ (25 sxs / 5.1 BBLs).
7. Spot cement from 40'-5' in 5 1/2" casing 4.6 FT³ (4 sxs / 0.25 BBLs).
8. RDMO rig and equipment.
9. Cut off casing 3' below ground level. Weld on cap or regulation P&A marker. Marker to be inscribed with the following:

Bingham 10-3
Union Pacific Resources Company
S10 T2N R7E
Elevation: 6900'

Note: Well is overpressured Stump Injector. Will likely need to kill well prior to pulling.

BINGHAM 10-3



Department of Natural Resources Center
Raleigh Ames, Coordinator
Room #1090, First Floor, NE Corner
Hours 8:00am - 5:00 pm
Phone 538-5426

FRANT

UPRC's plugging

this well Thur. morning
and wanted approval. I looked
at it and suggested to
Paul Smith that the
plug at 5000' be moved
up to 4100 feet (top of
cement on 5 1/2" pipe). All
elses OK DJ

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

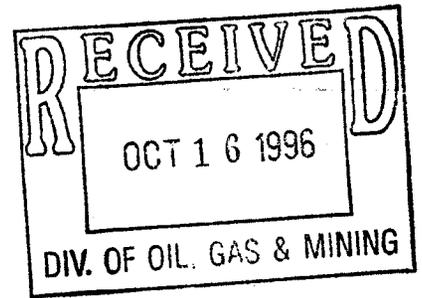
<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS</p> <p><small>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.</small></p>		5. Lease Designation and Serial No.
		Fee
		6. If Indian, Allottee or Tribe Name
		NA
		7. Unit Agreement Name
		NA
1. Type of Well:		8. Well Name and Number
OIL () GAS () OTHER: () INJ. (X)		Bingham 10-3 SWD
2. Name of Operator		9. API Well Number
Union Pacific Resources Company		43-043-30097
3. Address and Telephone Number		10. Field and Pool, or Wildcat
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007		Pineview
Telephone (817) 877-6000 (Main Number)		
4. Location of Well		
Footages	2042' FNL, 1895' FWL Sec. 10, T. 2 N., R. 7 E.	County Summit
QQ, Sec., T., R., M.	NSEW Sec. 10, T. 2 N., R. 7 E.	State Utah

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

NOTICE OF INTENT <small>(Submit in Duplicate)</small>		SUBSEQUENT REPORT <small>(Submit Original Form Only)</small>	
<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot of Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Test	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off Shutoff
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shutoff	<input type="checkbox"/> Other _____	
<input checked="" type="checkbox"/> 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 permanently plug and abandon the Bingham 10-3 SWD according to the accompanying procedure. We will appreciate your prompt consideration and approval of this request.



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)
Approval given by Alan Jarriss 10-25-96 while I was out of town. JM Plugging fluid fresh water

BINGHAM 10-3
STUMP SWD
SEC 10 T2N R7E

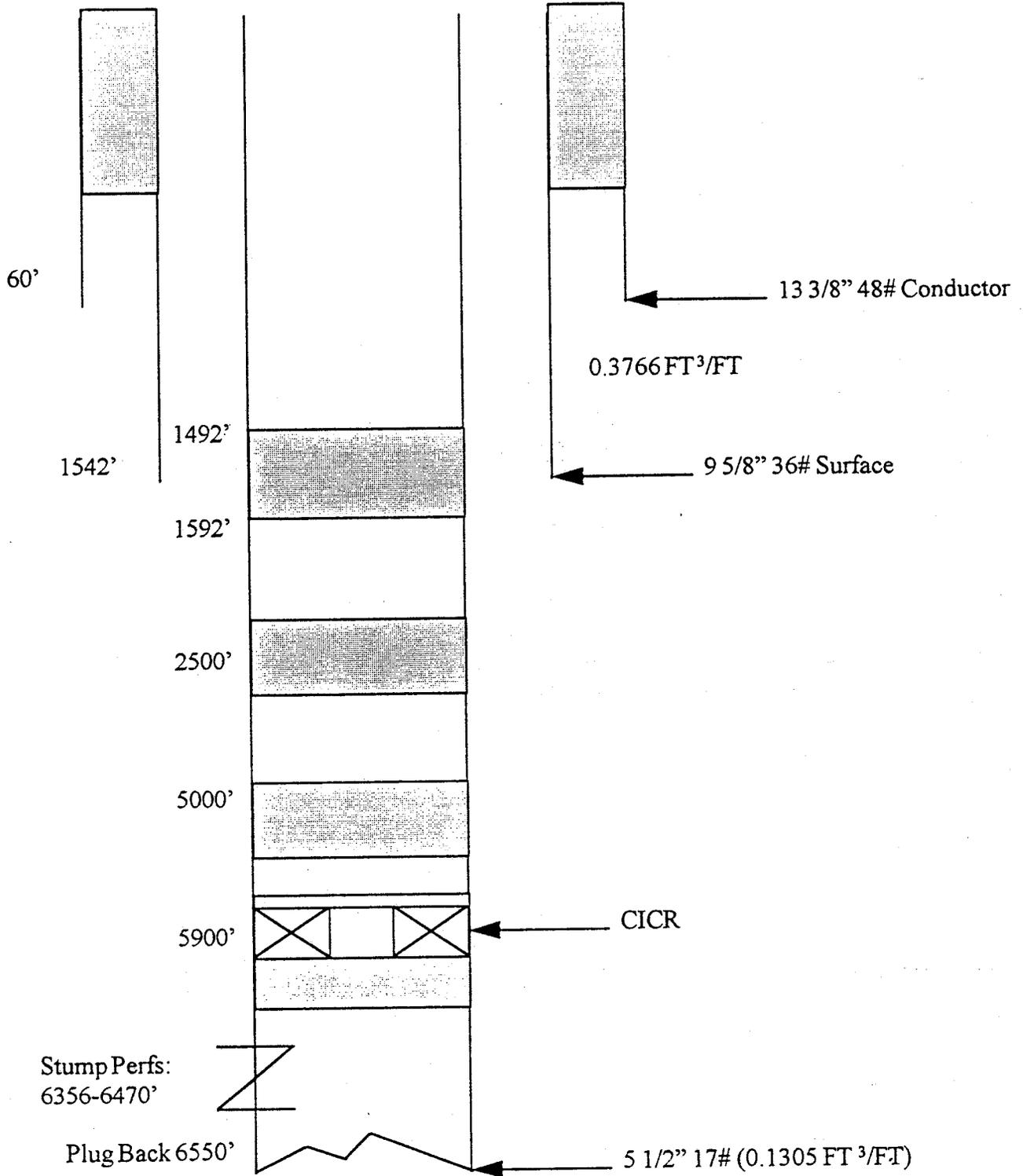
P&A Procedure

1. MIRU completion rig with circulating pump and tank. Remove tree. NUBOP.
2. Release packer and POOH. Allow a +/- 10 minutes to let the slips and element to relax.
3. PU CICR and RIH to +/- 5,900 feet. Set retainer. Mix and pump 100 FT³ (87 sxs / 17.8 BBLs) below retainer. Sting out and spot 3 FT³ (2.6 sxs / 0.5 BBL) cement on top of retainer.
4. Set 100' 13 FT³ (11 sxs / 2.3 BBLs) balanced plugs inside 5 1/2" casing at 5000', 2500', and from 1492-1592'.
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Bingham 10-3
Union Pacific Resources Company
S10 T2N R7E
Elevation: 6900'

Note: Well is overpressured Stump Injector. Will likely need to kill well prior to pulling.

BINGHAM 10-3



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>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.</small>		5. Lease Designation and Serial No. Fee
		6. If Indian, Allottee or Tribe Name NA
1. Type of Well: OIL () GAS (X) OTHER: () INJ. (X)		7. Unit Agreement Name NA
2. Name of Operator Union Pacific Resources Company		8. Well Name and Number Bingham 10-3 SWD
3. Address and Telephone Number P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007 Telephone (817) 877-6000 (Main Number)		9. API Well Number 43-043-30097
4. Location of Well Footages 2042' FNL, 1895' FWL Sec. 10, T. 2 N., R. 7 E. QQ, Sec., T., R., M. NSEW Sec. 10, T. 2 N., R. 7 E.		10. Field and Pool, or Wildcat Pineview
		County Summit State Utah

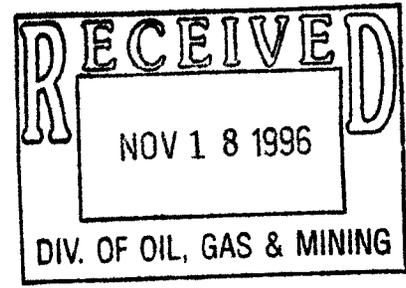
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<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shutoff	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot of Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off Shutoff
Approximate date work will start:	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).

Please be advised that Union Pacific Resources Company permanently plugged and abandoned the Bingham 10-3 SWD on October 24, 1996, according to the accompanying procedure. The following cement plugs were set in the wellbore:

1. 80-foot surface plug
2. 40-foot plug in 5-1/2" CSG
3. 100-foot plug @ 1590' MD
4. 100-foot plug @ 2490' MD
5. 100-foot plug @ 4061' MD
6. Squeezed existing perforations @ 5906' MD



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: 96-11-14

(This space for State use only)

DIVISION OF OIL GAS AND MINING

OIL AND GAS PRODUCTION FACILITIES

Well Name: BINGHAM 10-3 (SWD) API Number: 43-043-30097
 Qtr/Qtr: SE/NW Section: 10 Township: 2N Range: 7E
 Company Name: UNION PACIFIC RESOURCES COMPANY
 Lease: State _____ Fee X Federal _____ Indian _____
 Inspector: J. THOMPSON Date: 6/30/99

Type of Inspection: Routine Complaint Other

Well status at time of visit: Producing _____ Shut-in _____ Other PA

COMMENTS: FINAL INSPECTION FOR BOND RELEASE. MARKER IS SET. LOCATION IS

CONTOURED AND SEEDED.

OK TO RELEASE BOND.
