FILE NOTATIONS

Entered in NID File ✓
Location Map Pinned ✓
Card Indexed ✓

Checked by Chief P.W.B.
Approval Letter 8-30-71
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed 11-4-71
W..... WW..... TA.....
GW..... OS..... PA. ✓

Location Inspected .....
Bond released
State or Fee Land .....

LOGS FILED

Driller's Log. ✓
Electric Logs (No.) ✓

E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....
CBLog..... CCLog..... Others.....

(May 1963)

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-8445

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Wildcat SINGLE ZONE ☐ MULTIPLE ZONE ☐

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: USA-AMOCO "G"

2. NAME OF OPERATOR: AMOCO PRODUCTION COMPANY

9. WELL NO.: 1

3. ADDRESS OF OPERATOR: 501 Airport Drive, Farmington, New Mexico 87401

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 660' FSL & 1980' FWL Section 17, T-36-S, R-6-E
At proposed prod. zone: Same

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 17, T-36-S, R-6-E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 29 miles southeast of Escalante, Utah

12. COUNTY OR PARISH: Garfield 13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 660'

16. NO. OF ACRES IN LEASE: 2222

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: No other wells

19. PROPOSED DEPTH: 6000'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): Will report later

22. APPROX. DATE WORK WILL START*: September 20, 1971

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54#	400'	475 sacks
12-1/4"	8-5/8 - 1-1/2"	24 - 2.75	2000'	1000 sacks
7-7/8"	5-1/2"	15.5 & 14	6300'	400 sacks

Amoco Production Company proposes to drill to 6000' to test all formations through Mississippian. Completions will be based on open hole logs. Copies of all logs run will be furnished upon reaching total depth. Copies of the location plat are attached.

CONFIDENTIAL

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 K. W. Wareham TITLE Area Engineer DATE August 27, 1971

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

PAN AMERICAN PETROLEUM CORPORATION

ENGINEERING SPECIFICATION

APPLICATION SCHEDULE AND PAINT MATERIALS - FIELD BUILDINGS AND RESIDENCES

OFFICE_____ RELEASED_____ REVISED_____

APPROPRIATION_____ ORDER NO._____

I. SCOPE

This specification covers method of surface preparation, number of coats and type of paint for field buildings and residences.

II. GENERAL REQUIREMENTS

A. Surfaces shall be prepared, primed and painted in accordance with the Paint Application Schedule contained herein.

B. Paints for various services shall be in accordance with the appropriate Paint Materials Table included as an attachment to this specification.

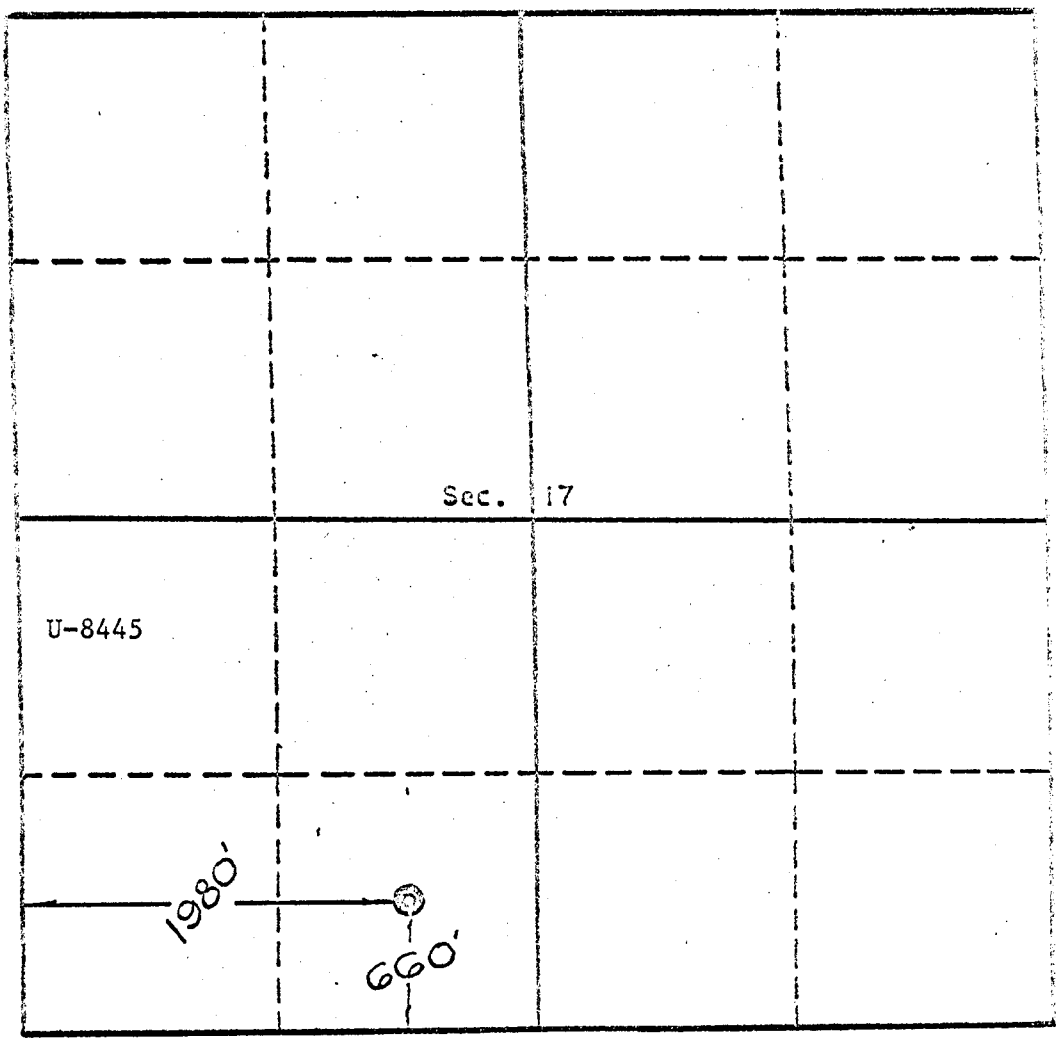
Company AMOCO PRODUCTION COMPANY

Well Name & No. USA AMOCO "G" WELL NO. 1

Location 660 feet from the South line and 1980 feet from the West line.

Sec. 17, T. 36 S., R. 6 E., S. L. M., County Garfield, Utah

Ground Elevation Will report later.



Scale, 1 inch = 1,000 feet

Surveyed August 12, 1971

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

REGISTERED LAND SURVEYOR NO. 2611 Seal: ERNEST V. ECHOHAWK STATE OF UTAH

Ernest V. Echohawk
Registered Land Surveyor
Utah Registration No. 2611

August 30, 1971

AMOCO Production Company
501 Airport Drive
Farmington, New Mexico 87401

Re: Well No. USA-Amoco "G" 1
Sec. 17, T. 36 S, R. 6 E,
Garfield County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted.

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

PAUL W. BURCHELL-Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

This approval terminates within 90 days if the above well has not been spudded-in within said period.

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

The API number assigned to this well is 43-017-30038.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
cc: U.S. Geological Survey

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER **Wildcat**

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' FSL & 1980' FWL, Section 17, T-36-S, R-6-E

5. LEASE DESIGNATION AND SERIAL NO.
U-8445

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
USA Amoco "C"

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 17, T-36-S, R-6-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
Will report later

12. COUNTY OR PARISH
Garfield

13. STATE
Utah

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

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

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

Amoco Production Company proposes to change the casing program as specified on the Permit to Drill application for its USA Amoco "C" No. 1 as follows: Drill a 20" hole to 200' and trip in 16" 75#/ft. casing and set with 400 sacks of cement. The previous program was to drill a 17-1/2" hole to 400' and set 13-3/8" 54#/ft. casing with 475 sacks of cement. Also increase the hole size for the intermediate casing to 13-3/4" with 900 sacks of cement instead of 12-1/4" with 1000 sacks of cement.

Also, this is to confirm telephone conversation between Mr. Gerald R. Davis, Division Engineer of the USGS and Mr. Darel Wayham, Area Engineer, Amoco Production Company on 9-17-71 concerning blowout preventer to be used on the USA Amoco "C" No. 1. Blowout preventer will be Shaffer Double Gate 900 Series and it will be tested once every 24 hours or once every trip.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 9-23-71

BY Lee M. Benchell

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

SIGNED ORIGINAL SIGNED BY D. A. WAYHAN TITLE **Area Engineer** DATE **September 20, 1971**

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Conf. 311B

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

PLUGGING PROGRAM

NAME OF COMPANY Amoco Production Co.

WELL NAME USA-Amoco "6" #1 API NO: 43-017-30038

Sec. 17 Township 36S Range 6E County Sanpete

Verbal Approval Given to Plug the Above Referred to Well in the Following Manner:

Total Depth: 5573'

Casing Program:
11 1/8" hole
16" Casing @ 257' @ 50 sacks Cement to surface
8 5/8" @ 1755' @ 170 sacks cement to surface
1 1/2" parasite string from 1680' to surface

Plugs Set as Follows:

110 sacks – 5200' - T.D.
50 " – 4700' - 4875'
50 " – 2750' - 2935'
50 " – 2300' - 2475'
Cement retainer at 1730'
inside surface pipe @ squeeze 50 sacks below
10 sacks at surface

Formation Tops:
Shinarump - 1757'
Moenkopi - 1934'
Timpoweap - 2320'
Kaibab - 2475'
White Rim - 2670'
Toroweap - 2803'
Cedar Mesa - 3160'
Guinsa - 4744'
Molas - 5146'
Mississippian - 5250'

2 lost circulation zones: 5058' - 5320'
5350' - 5385'

Date: 11-3-91 USGS Signed: Schuss

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER **Wildcat**

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, New Mexico 87401

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

660' FSL & 1980' FWL, Section 17, T-36-S, R-6-E

5. LEASE DESIGNATION AND SERIAL NO.
U-8445

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
USA Amoco "G"

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 17, T-36-S, R-6-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL 5279', KB 5293'

12. COUNTY OR PARISH
Garfield

13. STATE
Utah

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) **Spud & set casing**			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

A 13-3/4" hole was spudded 10-7-71 and drilled to 257'. The hole was reamed to 20" from surface to 257'. The 16" casing was set at 257' with 275 sacks Type "G" cement with 2% $CaCl_2$. The cement circulated. The hole was reduced to 13-3/4" at 257'. The 8-5/8" casing was set at 1755' with 1-1/2" parasite string set at 1682' and cemented with 1100 sacks Type "G" 50-50 Pozmix with 6% Gel and 2 pounds medium Tuf Plug per sack and 50 sacks Class "G" Neat with 2% $CaCl_2$. The cement circulated. At 1755' the hole was reduced to 7-7/8". Tested casing and manifold with 1000 psi OK.

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

SIGNED Joseph D. Bridgeon TITLE **Petroleum Engineer** DATE **November 4, 1971**

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER **Wildcat**

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' FSL & 1980' FWL, Section 17, T-36-S, R-6-E

5. LEASE DESIGNATION AND SERIAL NO.
U-8445

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
USA Amoco "G"

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 17, T-36-S, R-6-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL 5279', KB 5293'

12. COUNTY OR PARISH **Garfield**

13. STATE **Utah**

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) **Core & DST**			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

Core No. 1: 2390-2418'. Core barrel locked. Recovered 14.5' core with bottom core oil saturated.

Core No. 2: 2418-2440'. Recovered 7-1/2' with core head grooved off sides.

Core slicer run 2434-37, 2439-42, 2446-49, 2460-63, 2478-81, 2483-86, 2487-90 X 2495-98.

DST No. 1: 2330-2418'. Tool open 1 hour with very weak blow increasing to fair blow. Recovered 15' drilling mud and 950' fresh water. No show oil. Hydrostatic in 1056 psi, 10 minute IFP 53 psi, 1 hour ISIP 691 psi, IFP 237 psi, FFP 445 psi, 1 hour FSIP 678 psi, hydrostatic out 1056 psi.

DST No. 2: 5321-5370'. Tool open 1 hour. Weak blow to surface increased to fair blow in 20 minutes and continued for 40 minutes. Recovered 736' fresh water, 10 minute IFP 54-81 psi, 1 hour ISIBHP 1985 psi, 1 hour FFP 81-352 psi, 1 hour FSIBHP 1959 psi. Hydrostatic in 2384 and out 2304. BHT 94° F.

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

SIGNED Joseph D. Gridgeon TITLE **Petroleum Engineer** DATE **November 4, 1971**

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER **Wildcat**

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' FSL & 1980' FWL, Section 17, T-36-S, R-6-E

5. LEASE DESIGNATION AND SERIAL NO.
U-8445

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
USA Amoco "G"

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 17, T-36-S, R-6-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL 5279', KB 5293'

12. COUNTY OR PARISH
Garfield

13. STATE
Utah

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

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

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

Due to finding no commercial hydrocarbon production in the above well, we propose to permanently abandon as follows:*

1. **Set 110 sacks cement at 5200' (5573' TD).**
2. **Set 50 sacks cement at 4875-4700'.**
3. **Set 50 sacks cement at 2750-2925'.**
4. **Set 50 sacks cement at 2300-2475'.**
5. **Place mud between cement plugs.**
6. **Set cement retainer at 1730' and squeeze 50 sacks below.**
7. **Circulate 1-1/2" parasite string and hold back pressure to set up.**
8. **Set 10 sacks cement at 33' to surface in 8-5/8" casing.**
9. **Cut off casinghead and erect plug and abandonment marker.**

***Verbal approval to plug and abandon received from Mr. Davies, District Engineer, U.S.G.S., Salt Lake City Area, by telephone to Mr. Joe Pridgeon on November 3, 1971.**

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

SIGNED Joseph D. Pridgeon TITLE Petroleum Engineer DATE November 5, 1971

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Form 9-331
(May 1963)

U ED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRII ATE*
(Other instruction. on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER **Wildcat**

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' FSL and 1980' FWL, Section 17, T-36-S, R-6-E

5. LEASE DESIGNATION AND SERIAL NO.
U-8645

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
USA Amoco "G"

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 17, T-36-S, R-6-E

12. COUNTY OR PARISH
Garfield

13. STATE
Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL 5279'; KB 5293'

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

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

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

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

Due to finding no commercial quantities of hydrocarbons, we plugged and abandoned the above well as follows:

Spot 110 sacks Type "G" cement with 2% $CaCl_2$ at 5573'.
Spot 50 sacks Type "G" cement with 2% $CaCl_2$ at 4875'.
Spot 50 sacks Type "G" cement with 2% $CaCl_2$ at 2925'.
Spot 50 sacks Type "G" cement with 2% $CaCl_2$ at 2475'.
Spot 40 sacks Type "G" cement with 2% $CaCl_2$ at 1788'.

Pump 20 sacks Type "G" cement with 2% $CaCl_2$ down 1-1/2" Parasite String and held back pressure 4 hours.

Run in Baker cement retainer and prematurely set at 185'. Cement with 60 sacks of above cement and displaced plug to 1556'. Pressure test casing and it held okay. Spot 10 sacks of above cement at surface of 8-5/8" casing. Cut off wellhead and installed PXA marker.

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

SIGNED _____ TITLE **Area Engineer** DATE **November 8, 1971**

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

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

14

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: U-8445

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

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 Dry Hole

8. FARM OR LEASE NAME: USA Amoco "C"

2. NAME OF OPERATOR: AMOCO PRODUCTION COMPANY

9. WELL NO.: 1

3. ADDRESS OF OPERATOR: 501 Airport Drive, Farmington, New Mexico 87401

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 660' FSL and 1980' FWL, Section 17, T-36S, R-6E
At top prod. interval reported below: Same
At total depth: Same

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 17 T-36-S, R-6-E

14. PERMIT NO. / DATE ISSUED

12. COUNTY OR PARISH: Garfield

13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
10-7-71	11-2-71	11-4-71 (PXA)	GL 5279', KB 5293'	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5573'			→	0 - TD	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Dry Hole

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Induction Electric, SNP, Sonic-Gamma Ray, Dipmeter

27. WAS WELL CORED: Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	75#/ft.	257	20"	275 sacks (Circ.)	None
8-5/8"	24#/ft.	1755)	13-3/4"	1100 sacks (Circ.)	None
1½" (Parasite)	2.4#/ft.	1682)			

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

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

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

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

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 ORIGINAL SIGNED BY D. A. WAYHAN TITLE Area Engineer DATE November 8, 1971

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

INSTRUCTIONS

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

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

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

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

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

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

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Core No. 1:	2390-2418'.	Core barrel locked.	Recovered 14.5' core with bottom core oil saturated.
Core No. 2:	2418-2440'.	Recovered 7-1/2' with core head grooved off sides.	
Core slicer run 2434-37, 2439-42, 2446-49, 2460-63, 2478-81, 2483-86, 2487-90 X 2495-2498.			
DST No. 1:	2330-2418'.	Tool open 1 hour with very weak blow increasing to fair blow. Recovered 15' drilling mud and 950' fresh water. No show oil. Hydrostatic in 1056 psi, 10 minute IFP 53 psi, 1 hour ISIP 691 psi, IFP 237 psi, FFP 445 psi, 1 hour FSIP 678 psi, hydrostatic out 1056 psi.	
DST No. 2:	5321-5370'.	Tool open 1 hour. Weak blow to surface increased to fair blow in 20 minutes and continued for 40 minutes. Recovered 736' fresh water, 10 minute IFP 54-81 psi, 1 hour ISIBHP 1985 psi, 1 hour FFP 81-352 psi, 1 hour FSIBHP 1959 psi. Hydrostatic in 2384 and out 2304. BHT 94° F.	

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Navajo	Surface	
Wingate	250	
Chinle	600	
Shinarump	1754	
Moenkopi	1924	
Tenpeesep	2320	
Kaibab	2475	
White Rim	2670	
Toroweap	2803	
Cedar Mesa	3160	
Hermosa	4744	
Molas	5146	
Mississippi	5250	
TD	5573	

NOV 10 1971

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

FORM OGCC-8-X

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
~~348 EAST SOUTH TEMPLE~~
~~SUITE 301~~
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: USA Amoco "G" No. 1

Operator Amoco Production Company **Address** 501 Airport Drive Farmington, New Mex. **Phone** 505-325-8841

Contractor Loffland Brothers Co. **Address** 1216 E. Bloomfield Rd. Farmington, New Mex. **Phone** 505-325-5001

Location: SE ¼ SW ¼ **Sec.** 17 **T.** 36 ~~XX~~ S **R.** 6 ~~XX~~ E Garfield **County, Utah.**

Water Sands:

	Depth		Volume	Quality
	From	To	Flow Rate or Head	Fresh or Salty
1.	2330'	2418'	950' water from DST #1	See analysis attached.
2.	5321'	5370'	736' water from DST #2	See analysis attached.
3.				
4.				
5.				

(continued on reverse side if necessary)

Formation Tops:

Navajo	Surface	Moenkopi	1924'	Cedar Mesa	3160'
Wingate	250'	Tempoweep	2320'	Hermosa	4744'
Chinle	600'	Kaibab	2475'	Molas	5146'
Shinarump	1754'	White Rim	2670'	Mississippi	5250'
		Toroweep	2803'	TD	5573'

Remarks:

NOTE: (a) Upon diminishing supply of forms, please inform the Commission
(b) Report on this form as provided for in Rule C-20, General Rules and regulations and Rules of Practice and Procedure, (See back of form)

GL1-12A (REV. 1964)

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR Amoco Production Company
WELL NO. 1-G USA
FIELD Wildcat
COUNTY Garfield
STATE Utah

DATE November 10, 1971 LAB NO. 6652
LOCATION Section 17-36S-6E
FORMATION Mississippian
INTERVAL 5321-5370
SAMPLE FROM DST No. 2 (Middle)

REMARKS & CONCLUSIONS: Cloudy water with slightly cloudy filtrate.

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	830	36.09	Sulfate	2304	47.92
Potassium	190	4.86	Chloride	1050	29.61
Lithium	-	-	Carbonate	trace	-
Calcium	764	38.12	Bicarbonate	1232	20.20
Magnesium	227	18.66	Hydroxide	-	-
Iron	present	-	Hydrogen sulfide	absent	-
Total Cations		97.73	Total Anions		97.73

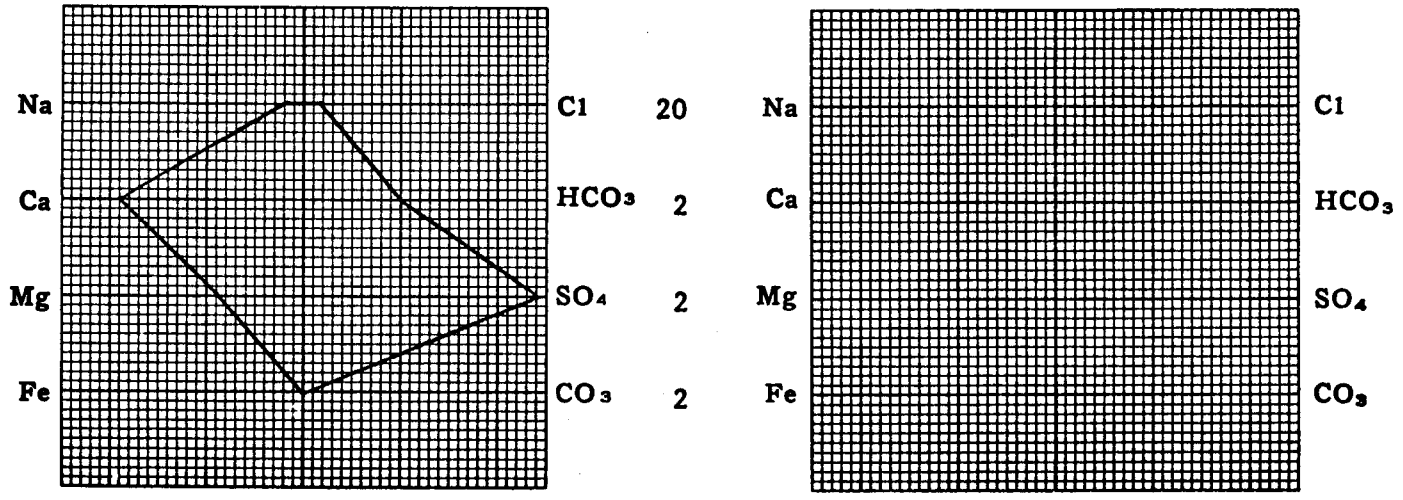
Total dissolved solids, mg/l - - - - - 5972
NaCl equivalent, mg/l - - - - - - - 4734
Observed pH - - - - - - - - - - - 8.3

Specific resistance @ 68°F.:
Observed - - - - 1.38 ohm-meters
Calculated - - - - 1.32 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

CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER Amoco Production Company
OPERATOR Amoco Production Company
WELL NO. 1-G USA
FIELD Wildcat
COUNTY Garfield
STATE Utah

LAB NO. 6636-3 REPORT NO.
LOCATION Section 17-36S-6E
FORMATION Mississippian
INTERVAL 5321-5370
SAMPLE FROM DST No. 2 (Bottom)
DATE November 10, 1971

REMARKS & CONCLUSIONS: Cloudy water and filtrate.

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	896	38.99	Sulfate	2327	48.49
Potassium	185	4.74	Chloride	920	25.94
Lithium	-	-	Carbonate	84	2.80
Calcium	765	37.13	Bicarbonate	1488	24.40
Magnesium	251	20.63	Hydroxide	-	-
Iron	present	-	Hydrogen sulfide	absent	-
Total Cations		101.54	Total Anions		101.54

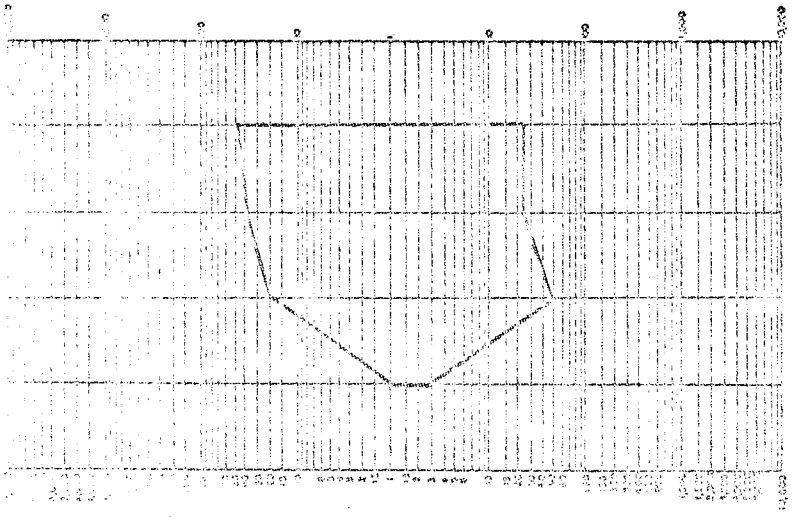
Total dissolved solids, mg/l 6141
NaCl equivalent, mg/l 4981
Observed pH 8.4

Specific resistance @ 68° F.:
Observed 1.60 ohm-meters
Calculated 1.29 ohm-meters

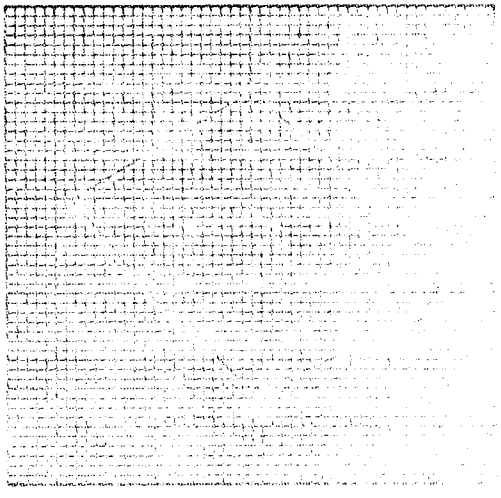
WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC



STANDARD



(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

CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER Amoco Production Company
OPERATOR Amoco Production Company
WELL NO. 1-G USA
FIELD Wildcat
COUNTY Garfield
STATE Utah

LAB NO. 6636-1 REPORT NO.
LOCATION Section 17-36S-6E
FORMATION Mississippian
INTERVAL 5321-5370
SAMPLE FROM DST No. 2 (Top)
DATE November 10, 1971

REMARKS & CONCLUSIONS: Quebracho colored water and filtrate.

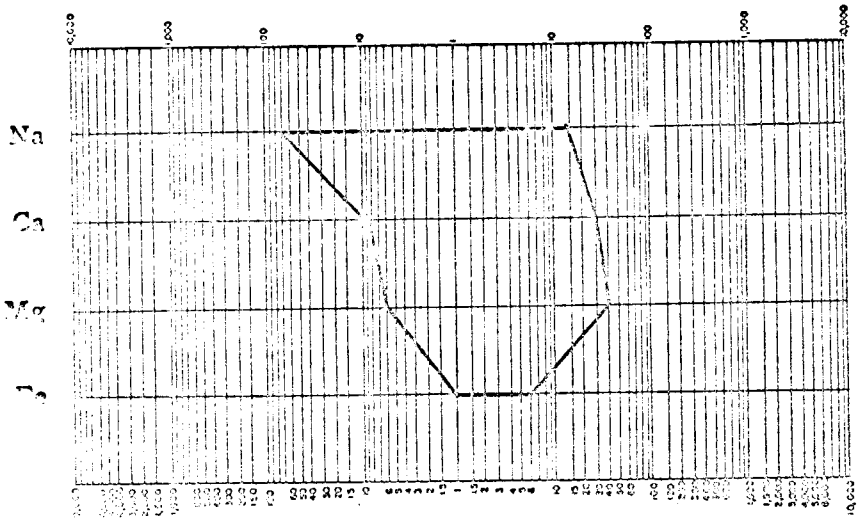
Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	1663	72.32	Sulfate	1885	39.21
Potassium	86	2.20	Chloride	500	14.10
Lithium	-	-	Carbonate	168	5.59
Calcium	167	8.33	Bicarbonate	1806	29.62
Magnesium	69	5.67	Hydroxide	-	-
Iron	present	-	Hydrogen sulfide	absent	-
Total Cations		88.52	Total Anions		88.52

Total dissolved solids, mg/l	5427	Specific resistance @ 68° F.:	
NaCl equivalent, mg/l	4187	Observed	1.63 ohm-meters
Observed pH	8.7	Calculated	1.50 ohm-meters

WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC



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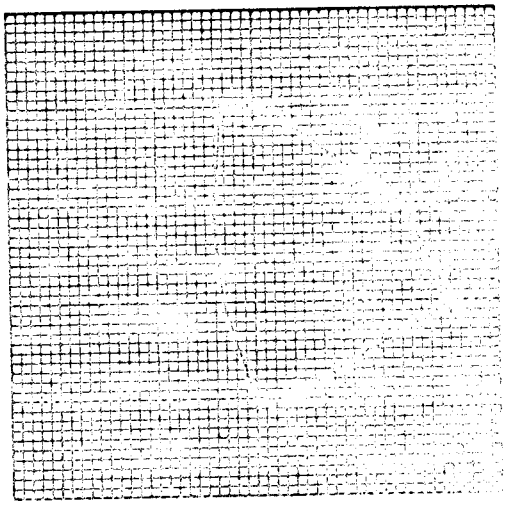


(Na value in above graphs includes Na, K, and Li)

NOTE: Mg/l=Milligrams per liter. Meq/l=Milligram equivalents per liter

CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER Amoco Production Company
OPERATOR Amoco Production Company
WELL NO. 1-G USA
FIELD Wildcat
COUNTY Garfield
STATE Utah

LAB NO. 6636-2 REPORT NO.
LOCATION Section 17-36S-8E
FORMATION Mississippian
INTERVAL 5321-5370
SAMPLE FROM DST No. 2 (Middle)
DATE November 10, 1971

REMARKS & CONCLUSIONS: Cloudy water and filtrate.

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	802	34.88	Sulfate	2332	48.51
Potassium	198	5.07	Chloride	890	25.10
Lithium	-	-	Carbonate	72	2.40
Calcium	706	35.23	Bicarbonate	1598	26.21
Magnesium	329	27.04	Hydroxide	-	-
Iron	present	-	Hydrogen sulfide	absent	-
Total Cations		102.22	Total Anions		102.22

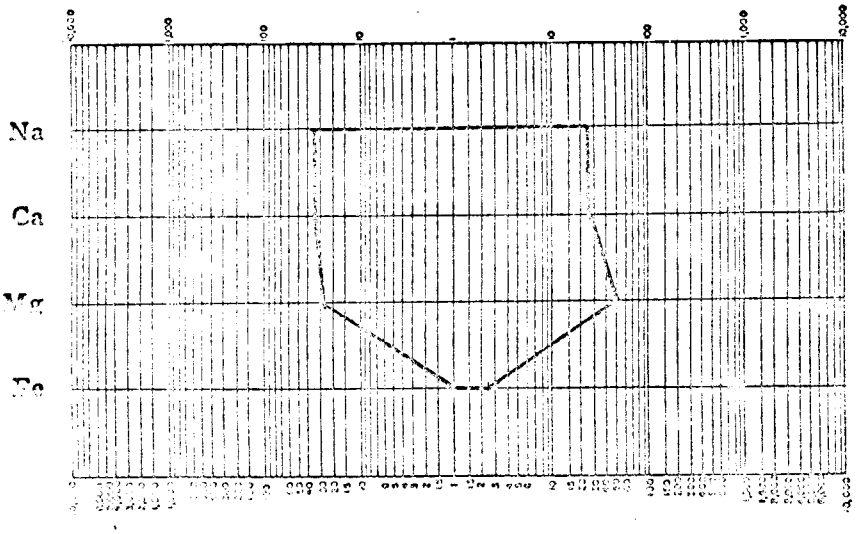
Total dissolved solids, mg/l 6116
NaCl equivalent, mg/l 4907
Observed pH 8.4

Specific resistance @ 68° F.:
Observed 1.50 ohm-meters
Calculated 1.28 ohm-meters

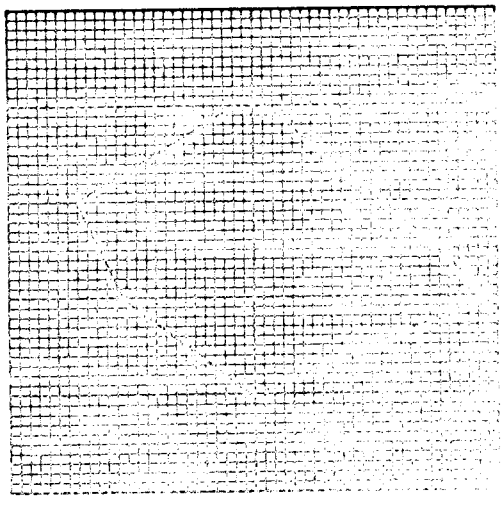
WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC



STANDARD



(Na value in above graphs includes Na, K, and Li)

NOTE: Mg/l=Milligrams per liter. Meq/l=Milligram equivalents per liter

CL1-12A (REV. 1964)

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR Amoco Production Company
WELL NO. 1 USA "G"
FIELD Wildcat
COUNTY Garfield
STATE Utah

DATE November 4, 1971 LAB NO. 6626
LOCATION SE SW 17-36S-6E
FORMATION Timpoweap-Kaibab
INTERVAL 2330-2418
SAMPLE FROM DST No. 1

REMARKS & CONCLUSIONS: Cloudy water and filtrate.

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	1904	82.84	Sulfate	2901	60.34
Potassium	295	7.55	Chloride	1400	39.48
Lithium	-	-	Carbonate	trace	-
Calcium	294	14.67	Bicarbonate	1818	29.82
Magnesium	299	24.58	Hydroxide	-	-
Iron	present	-	Hydrogen sulfide	absent	-
Total Cations		129.64	Total Anions		129.64

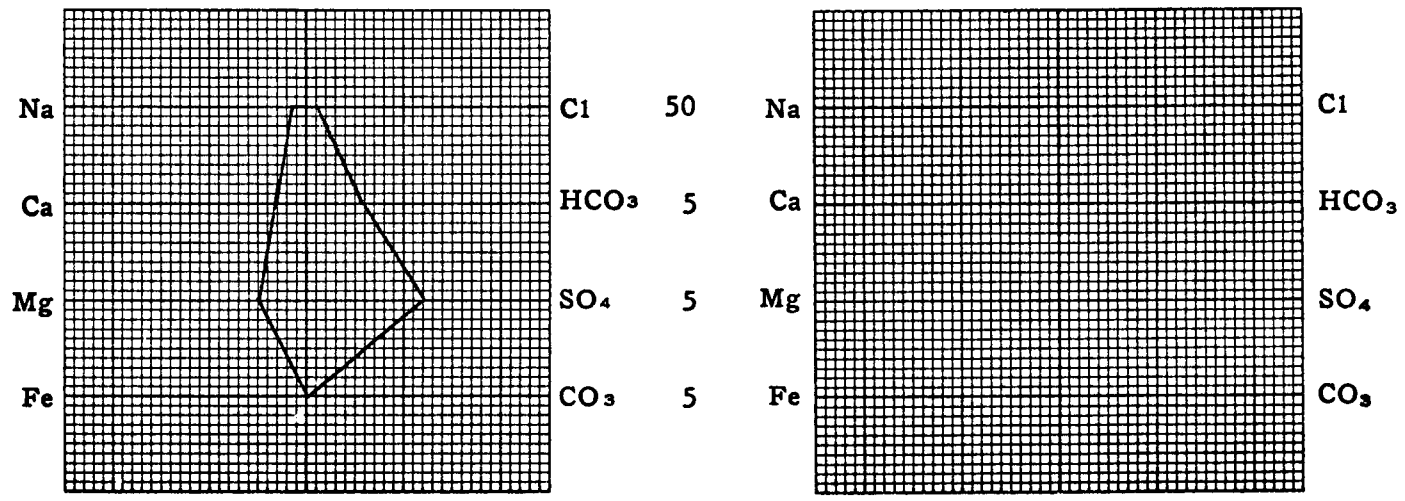
Total dissolved solids, mg/l 7988
NaCl equivalent, mg/l 6418
Observed pH 8.2

Specific resistance @ 68°F.:
Observed 1.09 ohm-meters
Calculated 1.00 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